

Release Notes for LTPDA Toolbox v2.8

M Hewitson 2014-05-27

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Introduction

This version of LTPDA is 2.8. This document lists the changes since V2.7.1.

Known Issues

On Mac OS X versions which use java 1.7 (on newer versions of MATLAB) there is an issue with the LTPDAprefs GUI when selecting paths of extension modules. There is a bug in the underlying java file-chooser widget which means there is an 'Open' button instead of a 'Choose' button. The result is that you can't select a directory but must, instead, select a file (for example the .xml file in the extension) then delete the filename from the path before pressing the + button to add the extension.

Main Changes

This version of LTPDA contains many under-the-hood improvements, particularly in the area of speed, and also some changes to the underlying data structures for analysis objects.

In addition, a number of deprecated GUI tools (including the workbench) have been removed from this version. These have been unsupported for a few versions now, and continued maintenance is no longer possible. The user manual, and in particular, the training sessions, have been updated to reflect this. Some of the functionality pertaining to the repository interaction, has been grouped together into a single GUI called **LTPDARepositoryQuery**.

The linear fitting methods, namely `ao/linfit`, `ao/bilinf`, `ao/polyfit`, `ao/polynomfit` and `ao/lscov` went through a substantial rewrite in order to ensure the uncertainties in the input data are properly handed, and correctly contribute to the uncertainties and covariance matrix of the output parameters.

Requirements

A number of changes made required us to change the minimum MATLAB installation requirements to

Software	Version
MATLAB	7.12 (R2011a)
Signal Processing Toolbox	6.15
Symbolic Math Toolbox	5.6
Optimisation Toolbox*	6.0

New Methods

- `ao/poltfitspectrum` A new tool which offers an alternative way to fit a smooth model to a spectrum. The method works by fitting a polynomial to the log of the x and y data in the input spectrum.
- `timespan/tohtml` displays an array of time-span objects in an HTML table.
- New setter methods for AOs: `ao/setEnbw`, and `ao/setNavs`.
- There is a new AO built-in model for building pulse-trains (`help ao_model_pulse_train`).
- `ao/edgedetect` is a new method which detects edges in a binary pulse train.
- `ao/pad` allows padding an AO with a particular value.
- `ao/cast` allows you to cast the values in an AO to another data type.
- `matrix/double` returns a matrix of doubles created from the internal objects.
- `ao/simplifyZunits` simplifies the z-units of the AO.
- `ao/simplifyXunits` simplifies the x-units of the AO.
- `timespan/merge` can merge multiple timespans into one.
- `ao/detectOutliers` detects outliers in a time-series.

Changes to methods

- `ao/plotty` has been rewritten to allow for many new features, including plotting of multiple objects on each of the two axes.
- In all AO constructors, you can now specify a 'timespan' plist key, passing a timespan object which will then be used to split the data before returning.

- Reading from data files with the AO constructor now allows for some header lines to be skipped.
- `pest/jtable` displays the values in the parameter estimate object in a table window.
- `pest/table` displays a `pest` object at the MATLAB command prompt.
- We have new methods to set the marker face and edge colour on all user objects. We also have a method to set if the marker should be filled or not.
- `ao/iplot` subplots are now linked when zooming.
- `ao/dft` now estimates errors based on the frequencies surrounding the target frequency.

MANTIS Issues

Id	Summary	Status
737	skip the printout of the error and units titles when these are empty.	resolved
720	warnings from bin_data	resolved
732	Giving a 'name' to the window of an iPlot	resolved
707	iplotyy should accept a vector of two objects	resolved
748	iplot fails for bar plots	resolved
747	giving a name to a figure	resolved
744	An option in ao/consolidate not to be truncating to the shortest data set	resolved
722	toSI converts [Hz] into [s]	resolved
719	Remove unused/old/broken GUIs	resolved
714	showErrors field in the plotinfo objects is ignored by ao.iplot	resolved
713	The plotinfo constructor via plist is incomplete	resolved
726	A method to join/merge timespan objects	closed
727	A search method for collection objects	closed
731	iplot not showing titles in fsdata plot	closed
700	ao/spikecleaning leaves ao one sample short	closed
715	built-in model information only contains 1st version	closed
708	iplotyy should accept a parameter to change the axis range	closed
706	ao.lincom should be implemented as a wrapper of ao/plus and ao/times	closed
705	Bug division and multiplication uncertainty propagation	closed
704	ao/linfit does overwrites dy in input aos	closed
703	Lack of GRS electrostatic built-in model parameters	closed
702	HetSegsFreqs does not fully support heterodyne with cuts	closed

701	Phi torque estimation uses wrong default parameters for stiffness	closed
699	addvalue method missing	closed
698	An utility to fit spectra with polynomial low	closed
697	Review issue with ao/split	closed
696	timespan.toHtml method needed	closed
695	ao/split to match A0s	closed
694	missing ao/simplifyXunits	closed
692	ao class supporting specification via object supporting char	closed
691	ao.split should support an array of timespan objects	closed
688	stoc.misc.readExecutedTimeline crashes while reading 20131115_319_executed_timeline.txt	closed
687	heterodyne and pipe.heterodyne show inconsistent behaviour	closed
684	Remove LTPDAWorkbench message handling from main toolbox	closed
683	utils.const.msg function with no \newline needed	closed
681	parameter list help on plotIntervals do not work	closed
680	Improve utils.helper.warn and .err	closed
678	ao.linfit could be implemented as a particular case of ao.polynomfit	closed
677	ao.polynomfit errors for the case of no errors provided	closed

Detailed changes since v2.7.1

[2014-05-27 07:22:11 +0200][894d5f3] Mauro Hueller
Updated a bit

m-toolbox/html_help/help/ug/ltpda_training_topic_5_2_content.html | 4 +---
1 file changed, 1 insertion(+), 3 deletions(-)

[2014-05-27 06:17:10 +0200][4969c50] Mauro Hueller
Some clarification and a bag of whitespace

.../html_help/help/ug/ltpda_training_topic_5_1_content.html | 9 +++++---
1 file changed, 6 insertions(+), 3 deletions(-)

[2014-05-27 06:16:46 +0200][9878d62] Mauro Hueller
Typo

m-toolbox/html_help/help/ug/ltpda_training_topic_5_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-27 06:16:37 +0200][0c21fc3] Mauro Hueller
Reproduced figures

.../topic5/ltpda_training_5_1_1.png	Bin 11845 -> 75295 bytes
.../topic5/ltpda_training_5_1_2.png	Bin 10887 -> 72175 bytes
.../topic5/ltpda_training_5_1_3.png	Bin 10868 -> 57049 bytes
.../topic5/ltpda_training_5_1_4.png	Bin 9265 -> 75289 bytes
.../topic5/ltpda_training_5_1_5.png	Bin 8918 -> 71019 bytes
5 files changed, 0 insertions(+), 0 deletions(-)	

[2014-05-27 00:05:00 +0200][99f709c] Mauro Hueller
Updated section

.../help/ug/ltpda_training_topic_4_5_content.html | 83 ++++++-----
1 file changed, 45 insertions(+), 38 deletions(-)

[2014-05-27 00:04:48 +0200][bad5662] Mauro Hueller
Reproduced figures

.../ltpda_training_1/topic4/Ifo2TempEx_T4_1.png | Bin 60072 -> 71169 bytes
.../ltpda_training_1/topic4/Ifo2TempEx_T4_3.png | Bin 52471 -> 66651 bytes
.../ltpda_training_1/topic4/Ifo2TempEx_T4_4.png | Bin 82953 -> 81334 bytes
.../ltpda_training_1/topic4/Ifo2TempEx_T4_5.png | Bin 75804 -> 85139 bytes
.../ltpda_training_1/topic4/Ifo2TempEx_T4_6.png | Bin 76783 -> 82156 bytes
5 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 22:59:08 +0200][ab2f297] Mauro Hueller
Updated section

.../ug/ltpda_training_topic_4_4_2_content.html | 31 ++++++-----
1 file changed, 17 insertions(+), 14 deletions(-)

[2014-05-26 22:58:23 +0200][de30a06] Mauro Hueller
Reproduced figures

.../images/ltpda_training_1/topic4/BandPassEx1.png | Bin 45973 -> 58811 bytes
.../images/ltpda_training_1/topic4/BandPassEx2.png | Bin 55306 -> 71355 bytes
.../images/ltpda_training_1/topic4/BandPassEx3.png | Bin 45805 -> 59666 bytes
.../images/ltpda_training_1/topic4/BandpassEx4.png | Bin 67107 -> 74024 bytes
4 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 22:36:48 +0200][6c55caf] Mauro Hueller
Updates

m-toolbox/html_help/help/ug/ltpda_training_topic_4_3_content.html | 7 +-----
1 file changed, 5 insertions(+), 2 deletions(-)

[2014-05-26 22:36:10 +0200][14633ec] Mauro Hueller
Updated section

.../ltpda_training_1/topic4/ClosedLoop_Gd_delay.png | Bin 45339 -> 66803 bytes
.../ltpda_training_1/topic4/ClosedLoop_Hd_delay.png | Bin 50429 -> 73415 bytes
.../topic4/ClosedLoop_OLGd_delay.png | Bin 49456 -> 0 bytes
.../help/ug/ltpda_training_topic_4_4_1_content.html | 1 -
4 files changed, 1 deletion(-)

[2014-05-26 18:39:05 +0200][223f38c] Mauro Hueller
Merge branches 'development' and 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/
ltpda_src into development

[2014-05-26 18:38:35 +0200][3106c41] Mauro Hueller
Renamed variables

.../images/ltpda_training_1/topic4/ClosedLoopG.png | Bin 64377 -> 64685 bytes
.../images/ltpda_training_1/topic4/ClosedLoopH.png | Bin 70732 -> 70728 bytes
.../ltpda_training_1/topic4/ClosedLoopOLG.png | Bin 66574 -> 66857 bytes
.../ug/ltpda_training_topic_4_4_1_content.html | 42 ++++++-----
4 files changed, 21 insertions(+), 21 deletions(-)

[2014-05-26 17:55:20 +0200][4dd0f4c] Mauro Hueller
Clarified

m-toolbox/html_help/help/ug/ltpda_training_topic_4_4_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 17:52:47 +0200][84358ef] Ingo Diepholz
Some small fixes: - Add the parameter units for ALL pest objects (not only for the last) - Remove
a table column if all entries are empty

m-toolbox/classes/@pest/table.m | 30 ++++++-----
1 file changed, 23 insertions(+), 7 deletions(-)

[2014-05-26 17:51:55 +0200][cfe30a7] Mauro Hueller
Variable renaming

.../ltpda_training_1/topic4/ClosedLoop_H_delay.png | Bin 72071 -> 72246 bytes
.../help/ug/ltpda_training_topic_4_3_content.html | 14 ++++++-----
2 files changed, 7 insertions(+), 7 deletions(-)

[2014-05-26 17:12:29 +0200][68dffc8] Ingo Diepholz
bug fix: Make sure that the names are always a row vector.

m-toolbox/classes/@pest/pest.m | 1 +
1 file changed, 1 insertion(+)

[2014-05-26 17:00:33 +0200][10cb5f4] Mauro Hueller
Fixes here and there

.../html_help/help/ug/ltpda_training_topic_4_4_1_content.html | 11 ++++++-----
1 file changed, 6 insertions(+), 5 deletions(-)

[2014-05-26 17:00:17 +0200][ca93072] Mauro Hueller
Updates

m-toolbox/html_help/help/ug/ltpda_training_topic_4_3_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 17:00:06 +0200][881fe05] Mauro Hueller
Reproduced figures

.../images/ltpda_training_1/topic4/ClosedLoopG.png | Bin 46953 -> 64377 bytes
.../images/ltpda_training_1/topic4/ClosedLoopH.png | Bin 49149 -> 70732 bytes
.../ltpda_training_1/topic4/ClosedLoopOLG.png | Bin 49452 -> 66574 bytes
3 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 16:44:56 +0200][b12cf50] Mauro Hueller
A bag of whitespace

m-toolbox/html_help/help/ug/ltpda_training_topic_4_4_1_content.html | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-05-26 16:44:44 +0200][958f0de] Mauro Hueller
Updated version

m-toolbox/html_help/help/ug/ltpda_training_topic_4_4_1_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 16:44:11 +0200][cbd556e] Mauro Hueller
Removed figure

.../ltpda_training_1/topic4/ClosedLoop_G_delay.png | Bin 59497 -> 0 bytes
.../help/ug/ltpda_training_topic_4_3_content.html | 1 -
2 files changed, 1 deletion(-)

[2014-05-26 16:22:03 +0200][a887971] Mauro Hueller
Minor

m-toolbox/classes/@ltpda_tf/resp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 15:47:33 +0200][3dcafe8] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-05-26 15:47:26 +0200][4870082] Mauro Hueller
Reproduced figures

.../ltpda_training_1/topic4/ClosedLoop_H_delay.png | Bin 69525 -> 72071 bytes
.../ltpda_training_1/topic4/ClosedLoop_resp.png | Bin 46187 -> 67602 bytes
2 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 15:47:11 +0200][3512d64] Mauro Hueller
Updated

.../help/ug/ltpda_training_topic_4_3_content.html | 50 ++++++-----
1 file changed, 26 insertions(+), 24 deletions(-)

[2014-05-26 15:44:37 +0200][bfe624c] Martin Hewitson
I believe the applyDefaults was used in the wrong part of the code. So I moved it and cleaned up the logic a little.

m-toolbox/classes/@ltpda_tf/resp.m | 17 ++++++-----
1 file changed, 8 insertions(+), 9 deletions(-)

[2014-05-26 15:18:45 +0200][c4efea4] Mauro Hueller
Minor stuff

.../help/ug/ltpda_training_topic_4_1_2_content.html | 4 ++--
.../help/ug/ltpda_training_topic_4_1_3_content.html | 6 +++--
.../help/ug/ltpda_training_topic_4_2_content.html | 18 ++++++-----
3 files changed, 14 insertions(+), 14 deletions(-)

[2014-05-26 15:18:19 +0200][ed2de88] Mauro Hueller
Reproduced figures

.../images/ltpda_training_1/topic4/resp_parfrac.png | Bin 69800 -> 62208 bytes
.../ug/images/ltpda_training_1/topic4/resp_pzm.png | Bin 79265 -> 71489 bytes
.../ltpda_training_1/topic4/resp_rational.png | Bin 80609 -> 61561 bytes
3 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 15:03:35 +0200][6fd51ac] Mauro Hueller
Minor stuff

m-toolbox/html_help/help/ug/ltpda_training_topic_3_6_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 15:03:23 +0200][094c095] Mauro Hueller
Minor stuff

.../html_help/help/ug/ltpda_training_topic_4_1_1_content.html | 7 +++-----
.../html_help/help/ug/ltpda_training_topic_4_1_2_content.html | 2 +-
2 files changed, 4 insertions(+), 5 deletions(-)

[2014-05-26 14:06:12 +0200][cb3fe73] Ingo Diepholz
Add new release notes for LTPDA 2.8

m-toolbox/html_help/help/helptoc.xml | 1 +
.../help/ug/releasenotesV2_8_content.html | 117 ++++++-----
.../html_help/help/ug/releasenotes_content.html | 9 +-
3 files changed, 126 insertions(+), 1 deletion(-)

[2014-05-26 12:25:57 +0200][a2a2f38] Mauro Hueller
Fixed plotting plist

m-toolbox/html_help/help/ug/ltpda_training_topic_3_5_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 12:24:04 +0200][5dab8f3] Mauro Hueller
Wrong fix.

m-toolbox/html_help/help/ug/ltpda_training_topic_3_5_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 12:20:05 +0200][b736289] Mauro Hueller
Fixed plotting plist

m-toolbox/html_help/help/ug/ltpda_training_topic_3_5_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-26 12:15:36 +0200][5b7687b] Mauro Hueller

Updated

```
.../help/ug/ltpda_training_topic_3_6_content.html | 62 ++++++-----  
1 file changed, 26 insertions(+), 36 deletions(-)
```

[2014-05-26 12:12:28 +0200][6fca2ac] Mauro Hueller
Reproduced figures

```
.../ug/images/ltpda_training_1/topic3/IF0_PSD_1.png | Bin 67482 -> 83237 bytes  
.../images/ltpda_training_1/topic3/IF0_T_CPSD_1.png | Bin 69488 -> 83285 bytes  
.../images/ltpda_training_1/topic3/IF0_T_CPSD_2.png | Bin 69292 -> 82877 bytes  
.../images/ltpda_training_1/topic3/IF0_T_TF_1.png | Bin 67993 -> 87722 bytes  
.../ltpda_training_1/topic3/IF0_T_coher_1.png | Bin 67362 -> 83085 bytes  
.../ltpda_training_1/topic3/IF0_projection.png | Bin 61931 -> 75530 bytes  
.../ug/images/ltpda_training_1/topic3/T_PSD_1.png | Bin 67833 -> 83835 bytes  
7 files changed, 0 insertions(+), 0 deletions(-)
```

[2014-05-26 11:37:40 +0200][439b339] Mauro Hueller
Cosmetics

```
.../help/ug/ltpda_training_topic_2_4_content.html | 10 +++-----  
.../help/ug/ltpda_training_topic_3_5_content.html | 15 +++++-----  
2 files changed, 8 insertions(+), 17 deletions(-)
```

[2014-05-26 09:45:22 +0200][dacb1db] Mauro Hueller
Updated

```
m-toolbox/html_help/help/ug/ltpda_training_topic_3_5_content.html | 0  
1 file changed, 0 insertions(+), 0 deletions(-)
```

[2014-05-26 09:45:12 +0200][ad790c8] Mauro Hueller
Rewritten to account for the removed LTPDAWorkbench

```
.../ug/ltpda_training_topic_3_2_3_content.html | 160 +++++-----  
1 file changed, 36 insertions(+), 124 deletions(-)
```

[2014-05-26 09:44:45 +0200][19f9cc1] Mauro Hueller
Reproduced figures

```
.../images/ltpda_training_1/topic3/PSD_3_x1x12.png | Bin 18664 -> 88549 bytes  
.../images/ltpda_training_1/topic3/TFE_in_out.png | Bin 49135 -> 68227 bytes  
.../images/ltpda_training_1/topic3/TFE_result_1.png | Bin 53936 -> 74420 bytes  
3 files changed, 0 insertions(+), 0 deletions(-)
```

[2014-05-26 06:33:47 +0200][22ecd22] Mauro Hueller
Reproduced figures

```
.../ug/images/ltpda_training_1/topic3/PSD_1_PSD.png | Bin 45981 -> 70943 bytes  
.../ltpda_training_1/topic3/PSD_2_win_helper.png | Bin 61896 -> 72301 bytes  
2 files changed, 0 insertions(+), 0 deletions(-)
```

[2014-05-26 06:33:27 +0200][15e0a54] Mauro Hueller
Minor

```
m-toolbox/html_help/help/ug/ltpda_training_topic_3_2_2_content.html | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-05-26 06:29:49 +0200][ed587bc] Mauro Hueller
These images are not needed any more

```
.../ltpda_training_1/topic3/PSD2_obj_disp_buttons.png | Bin 24217 -> 0 bytes  
.../ltpda_training_1/topic3/PSD2_store_to_workspace.png | Bin 15423 -> 0 bytes  
.../images/ltpda_training_1/topic3/PSD_2_add_inputs.png | Bin 9532 -> 0 bytes  
.../ltpda_training_1/topic3/PSD_2_add_outputs.png | Bin 9434 -> 0 bytes  
.../ltpda_training_1/topic3/PSD_2_psd_parameters.png | Bin 30847 -> 0 bytes  
.../ltpda_training_1/topic3/PSD_3_JDES_MATBlock.png | Bin 16971 -> 0 bytes  
.../ltpda_training_1/topic3/PSD_3_LPSD_MATBlock.png | Bin 23439 -> 0 bytes  
.../images/ltpda_training_1/topic3/PSD_3_workbench.png | Bin 52713 -> 0 bytes  
.../ltpda_training_1/topic3/workbench_PSD1_end.png | Bin 54346 -> 0 bytes  
.../ltpda_training_1/topic3/workbench_PSD1_start.png | Bin 32510 -> 0 bytes  
.../images/ltpda_training_1/topic3/workbench_PSD2.png | Bin 72496 -> 0 bytes  
11 files changed, 0 insertions(+), 0 deletions(-)
```

[2014-05-26 06:29:13 +0200][dbebd6e] Mauro Hueller
Rewritten to account for the removed LTPDAWorkbench

.../ug/ltpda_training_topic_3_2_1_content.html | 145 +++-----
.../ug/ltpda_training_topic_3_2_2_content.html | 290 +++-----
2 files changed, 78 insertions(+), 357 deletions(-)

[2014-05-26 04:34:17 +0200][25ac5d0] Mauro Hueller
The action described here does not happen any more.

.../html_help/help/ug/ltpda_training_topic_2_9_content.html | 10 -----
1 file changed, 10 deletions(-)

[2014-05-26 04:33:52 +0200][fca396e] Mauro Hueller
Cosmetics

m-toolbox/html_help/help/ug/ltpda_training_topic_2_9_content.html | 0
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-05-26 04:33:33 +0200][47e24c4] Mauro Hueller
Reproduced these plots

.../topic2/ifo_temp_consolidated.png | Bin 50955 -> 62316 bytes
.../images/ltpda_training_1/topic2/iftotemprow.png | Bin 62646 -> 62197 bytes
.../ug/images/ltpda_training_1/topic2/samples.png | Bin 54088 -> 54690 bytes
.../ltpda_training_1/topic2/samples_conso.png | Bin 46476 -> 56235 bytes
4 files changed, 0 insertions(+), 0 deletions(-)

[2014-05-22 16:53:15 +0200][9c1e8a3] Ingo Diepholz
When specifying an interval [a,b] in steps of d using the colon operator (a:d:b), MATLAB generates the first half of the interval using a+x*d and the latter half using b-x*d, where x is a natural number. BUT in LTPDA we use a+x*d for the complete vector.

m-toolbox/test/test_tsdata_class.m | 10 ++++-----
1 file changed, 5 insertions(+), 5 deletions(-)

[2014-05-22 16:44:51 +0200][bec9b5c] Ingo Diepholz
Bug fix: I made a mistake in computing the new time vector. The new vector should span the full time of the original input data. orig: |----|----|----|---- new: |-----|-----|----- And not that the new vector fit into the original input data. orig: |----|----|----|---- wrong: |-----|-----

m-toolbox/classes/@ao/consolidate.m | 6 ++++--
1 file changed, 5 insertions(+), 1 deletion(-)

[2014-05-22 15:57:39 +0200][ba2296d] Ingo Diepholz
Change comment.

m-toolbox/classes/@tsdata/createTimeVector.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-22 15:28:54 +0200][64c89e2] Ingo Diepholz
Bug fix: For the case that the that the input is empty

m-toolbox/classes/+utils/@prog/mcolor2jcolor.m | 4 +++
1 file changed, 4 insertions(+)

[2014-05-22 15:26:57 +0200][71e7804] Ingo Diepholz
Validates the values for the properties: protected String linestyle; protected Double linewidth; protected String marker; protected Double markersize; protected Color markerEdgeColor; protected Color markerFaceColor; protected Color color;

src/MPipeline2/dist/MPipeline2.jar | Bin 3535499 -> 3536130 bytes
.../src/mpipeline/ltpdapreferences/PlotStyle.java | 48 ++++++
2 files changed, 48 insertions(+)

[2014-05-21 18:03:43 -0400][e31114b] Martin Hewitson
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-05-21 18:03:14 -0400][ea1c63d] Martin Hewitson
For now, remove the exception on eval() because it makes things orders of magnitude too slow. But we do need a solution here, so some more thought is needed.

m-toolbox/classes/@helper/callerIsMethod.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-21 21:54:59 +0200][f8cfe6d] Nikos
Avoiding MFH indexing issues inside the MFH built-in models

m-toolbox/classes/@MCMC/handle_data_for_icsm.m | 4 ++--
m-toolbox/m/built_in_models/mfh/mfh_model_fft_signals.m | 6 +++--
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 6 +++--
3 files changed, 8 insertions(+), 8 deletions(-)

[2014-05-21 12:15:15 -0400][0b07478] Martin Hewitson
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-05-21 12:15:07 -0400][a47286c] Martin Hewitson
Bug fix: we need to handle all types of data in the constObjects field, not just objects.

m-toolbox/classes/@mfh/display.m | 16 +++++-----
1 file changed, 6 insertions(+), 10 deletions(-)

[2014-05-21 17:45:38 +0200][631b180] Mauro Hueller
Bug fix: we were not recording the units in the plist when passing the scale factor as an ao. We need UTPs for this method.

m-toolbox/classes/@ao/scale.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-05-21 16:47:41 +0200][2336bf7] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-05-21 16:45:52 +0200][9e71855] Mauro Hueller
Merge branch 'development' into linear_fitters

[2014-05-21 16:43:17 +0200][c134b59] Nikos
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-05-21 16:43:05 +0200][2c8dd0d] Nikos
Typo here also

m-toolbox/classes/@MCMC/preprocess.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-21 16:42:47 +0200][815b0e0] Nikos
Bug fix, typo

m-toolbox/classes/@MCMC/computeICSMatrix.m | 2 ++
1 file changed, 2 insertions(+)

[2014-05-21 16:07:21 +0200][75fee69] Mauro Hueller
Cosmetics

m-toolbox/classes/@ao/bilinfit.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-05-21 16:06:51 +0200][41d9a11] Mauro Hueller
Supporting also uncertainties in the components

m-toolbox/classes/@ao/bilinfit.m | 103 ++++++++-----
1 file changed, 44 insertions(+), 59 deletions(-)

[2014-05-21 16:05:53 +0200][31b66d7] Mauro Hueller
Bug fix: wrong variable name

```

m-toolbox/classes/@ao/bilinfilt.m | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2014-05-21 15:47:15 +0200][27f2571] Mauro Hueller
Uncertainties should be positive.

m-toolbox/test/utls/test_linear_fitting.m | 14 ++++++-----
1 file changed, 7 insertions(+), 7 deletions(-)

-----
[2014-05-21 14:45:41 +0200][26da7a6] Ingo Diepholz
typo

m-toolbox/classes/@mfh/display.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-05-21 14:41:09 +0200][9f6f7ac] Ingo Diepholz
Small modification in the display of the constant objects.

m-toolbox/classes/@mfh/display.m | 13 ++++++-----
1 file changed, 9 insertions(+), 4 deletions(-)

-----
[2014-05-21 13:29:48 +0200][6ea1ef0] Ingo Diepholz
Add a new method roundn. It is similar to MATLABs roundn function from the Mapping Toolbox.

m-toolbox/classes/+utls/@math/math.m | 7 +---
m-toolbox/classes/+utls/@math/roundn.m | 39 ++++++
2 files changed, 43 insertions(+), 3 deletions(-)

-----
[2014-05-20 16:47:08 +0200][90ac909] Mauro Hueller
Make sure we give priority to the 'dy' and 'dx' parameters in the plist, if specified

m-toolbox/classes/@ao/bilinfilt.m | 15 ++++++-----
1 file changed, 10 insertions(+), 5 deletions(-)

-----
[2014-05-20 16:26:17 +0200][dc9d133] Mauro Hueller
Bug fix: we need to extract the dy quantity from the data, if it is there

m-toolbox/classes/@ao/bilinfilt.m | 1 +
1 file changed, 1 insertion(+)

-----
[2014-05-20 09:59:33 +0200][5ea9aa9] Ingo Diepholz
Merge branch 'origin/Ingo/createTimeVector' into 'development'

-----
[2014-05-19 06:41:43 +0200][a353ece] Mauro Hueller
Merge branch 'development' into linear_fitters

-----
[2014-05-19 06:40:57 +0200][2f1f5f9] Mauro Hueller
In line with other linear fitters, handling now better the uncertainties estimates in the case the
user provides no errors. Still a lot to do about the x uncertainties.

m-toolbox/classes/@ao/bilinfilt.m | 113 ++++++
1 file changed, 81 insertions(+), 32 deletions(-)

-----
[2014-05-16 15:47:02 +0200][8bba3a8] Luigi Ferraioli
the warning should not be activated when max(bs(jj).data.x)*2 = fs

m-toolbox/classes/@ao/zDomainFit.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-05-16 14:08:51 +0200][c2eebcb] Martin Hewitson
A new ao method which can 'play' back data through MATLAB's audio player.

m-toolbox/classes/@ao/play.m | 102 ++++++
1 file changed, 102 insertions(+)

-----
[2014-05-15 18:13:29 +0200][31afea8] Ingo Diepholz
Use a better way to calculate the time vector.

```

```
m-toolbox/classes/+utils/@math/findShapeParamKStestSpectrum.m | 1 +
1 file changed, 1 insertion(+)
```

```
-----
[2014-05-15 18:12:52 +0200][09d3544] Ingo Diepholz
Bug fix in resample section: Check first if the 'Fs' is different to the object 'fs'
```

```
m-toolbox/classes/@ao/consolidate.m | 9 ++++++---
1 file changed, 6 insertions(+), 3 deletions(-)
```

```
-----
[2014-05-15 18:11:18 +0200][281d7b1] Ingo Diepholz
Use the new static tsdata method 'createTimeVector' to create a time series vector with 'fs' and 'nsecs'
```

```
m-toolbox/classes/@ao/fixfs.m | 2 +-
m-toolbox/classes/@ao/fromPolyval.m | 2 +-
m-toolbox/classes/@ao/fromTSfcn.m | 2 +-
m-toolbox/classes/@ao/fromWaveform.m | 6 +++---
m-toolbox/classes/@tfmap/getX.m | 3 +--
m-toolbox/classes/@tsdata/getX.m | 2 +-
6 files changed, 8 insertions(+), 9 deletions(-)
```

```
-----
[2014-05-15 18:09:11 +0200][ffcdb7d] Ingo Diepholz
Add prototype for the static method tsdata.createTimeVector
```

```
m-toolbox/classes/@tsdata/tsdata.m | 1 +
1 file changed, 1 insertion(+)
```

```
-----
[2014-05-15 18:08:40 +0200][6a0ae62] Ingo Diepholz
New method which creates a time series vector from the 'fs' and 'nsecs'
```

```
m-toolbox/classes/@tsdata/createTimeVector.m | 41 ++++++
1 file changed, 41 insertions(+)
```

```
-----
[2014-05-15 14:21:32 +0200][0788d89] Ingo Diepholz
Merge branch 'origin/Ingo/my_improvement_to_consolidate' into 'development'
```

```
-----
[2014-05-15 14:19:02 +0200][aac9dca] Ingo Diepholz
Reorder the prototype sections to public public, static protected protected, static private
private, static
```

```
m-toolbox/classes/@tsdata/tsdata.m | 60 ++++++-----
1 file changed, 36 insertions(+), 24 deletions(-)
```

```
-----
[2014-05-15 08:18:04 +0200][45ccac6] Martin Hewitson
updated help function listing
```

```
.../html_help/help/funcbycat/helpfuncbycat.xml | 163 ++++++-----
1 file changed, 79 insertions(+), 84 deletions(-)
```

```
-----
[2014-05-15 08:17:49 +0200][06c1762] Martin Hewitson
Updated training session xml files.
```

```
.../LTPDA_training/ifo_temp_example/T_ifo_tf.xml | 301 ++++++-----
.../test/LTPDA_training/ifo_temp_example/T_psd.xml | 201 ++++++-----
.../ifo_temp_example/ifo_T_cohere.xml | 303 ++++++-----
.../LTPDA_training/ifo_temp_example/ifo_T_cpsd.xml | 301 ++++++-----
.../LTPDA_training/ifo_temp_example/ifo_disp.xml | 102 +----
.../LTPDA_training/ifo_temp_example/ifo_fixed.xml | 137 ++++++-----
.../LTPDA_training/ifo_temp_example/ifo_psd.xml | 206 ++++++-----
.../LTPDA_training/ifo_temp_example/temp_fixed.xml | 132 +----
.../ifo_temp_example/temp_kelvin.xml | 99 +----
9 files changed, 1050 insertions(+), 732 deletions(-)
```

```
-----
[2014-05-15 05:57:02 +0200][dc6554e] Mauro Hueller
Allow the 'times' parameters to be passed also in the form [start_1 stop_1; start_2 stop_2; start_3 stop_3].
```

```
m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-05-14 10:05:19 +0200][a755656] Nikos
Cosmetics

m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 9 ++++++
1 file changed, 8 insertions(+), 1 deletion(-)

[2014-05-14 09:56:28 +0200][abbed93] Nikos
Bug fix: put back this line. It allows sampling from any function defined by the user.

m-toolbox/classes/@MCMC/preprocessMFH.m | 5 +++
1 file changed, 3 insertions(+), 2 deletions(-)

[2014-05-13 16:18:36 +0200][86dcd0f] Ingo Diepholz
Bug fix: The display method didn't show all parameter values if there are not enough parameter names.

m-toolbox/classes/@pest/display.m | 32 ++++++-----
1 file changed, 20 insertions(+), 12 deletions(-)

[2014-05-13 15:50:19 +0200][38e01ae] Ingo Diepholz
Change the 'fs' only for the case that the new 'fs' is different to 'fs' +- eps(fs)

m-toolbox/classes/@tsdata/tsdata.m | 2 ++
1 file changed, 2 insertions(+)

[2014-05-13 14:50:21 +0200][1493f08] Ingo Diepholz
Revert "I'm not sure if this is right: I'm checking if the fs is really changed."

m-toolbox/classes/@tsdata/collapseX.m | 3 ---
m-toolbox/classes/@tsdata/setX.m | 4 +---
2 files changed, 1 insertion(+), 6 deletions(-)

[2014-05-13 14:47:27 +0200][110662d] Martin Hewitson
Add an exception in callerIsMethod for the eval() method. This is needed for users to be able to write functions in the mfh class which use documented behaviour for all ao methods. This has some consequences:

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 7 ++++
1 file changed, 4 insertions(+), 3 deletions(-)

[2014-05-13 14:23:35 +0200][a5c1754] Martin Hewitson
Throw an error if the parameter names are not the right number.

m-toolbox/classes/@mfh/fminsearch.m | 4 +++
1 file changed, 4 insertions(+)

[2014-05-13 14:21:25 +0200][7f5c535] Ingo Diepholz
I'm not sure if this is right: I'm checking if the fs is really changed.

m-toolbox/classes/@tsdata/collapseX.m | 3 ++
m-toolbox/classes/@tsdata/setX.m | 4 +++
2 files changed, 6 insertions(+), 1 deletion(-)

[2014-05-13 10:04:52 +0200][016ba85] Martin Hewitson
Added a new way of calling ao/delay with just a single numerical input, in which case fftfiltering is done.

m-toolbox/classes/@ao/delay.m | 11 ++++++
1 file changed, 9 insertions(+), 2 deletions(-)

[2014-05-13 10:04:22 +0200][6527f95] Martin Hewitson
Improved the callerIsMethod part of ao/delay so that it can still handle an input plist.

m-toolbox/classes/@ao/delay.m | 10 ++++++
1 file changed, 10 insertions(+)

[2014-05-12 18:34:55 +0200][2caba69] Ingo Diepholz
I made some improvements in the 'truncate' section. - Find max start time relative to the first t0. - Find min stop time relative to the first t0. By doing this is the eps of 'dstart' and 'dstop' not so large. - Bug fix in the condition if we have to move the grid (line 172)

m-toolbox/classes/@ao/consolidate.m | 33 ++++++-----
1 file changed, 20 insertions(+), 13 deletions(-)

[2014-05-11 07:44:48 +0200][73f6596] Martin Hewitson
Increase the repository patch font a little.

m-toolbox/classes/+utils/@plottools/addRepositoryPatch.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-11 07:22:09 +0200][12833e7] Martin Hewitson
Plotting matrix objects on designated figures should work now.

m-toolbox/classes/@matrix/plot.m | 27 ++++++-----
m-toolbox/test/test_matrix_plot.m | 52 ++++++-----
2 files changed, 72 insertions(+), 7 deletions(-)

[2014-05-11 07:21:48 +0200][5d0ce14] Martin Hewitson
Checking for the last object plotted doesn't make sense in the case of collections.

m-toolbox/classes/@collection/plot.m | 5 ----
1 file changed, 5 deletions(-)

[2014-05-11 07:10:50 +0200][a27a0d8] Martin Hewitson
Added a test where we plot on designated figures.

m-toolbox/test/test_collection_plot.m | 18 ++++++-----
1 file changed, 18 insertions(+)

[2014-05-11 07:10:12 +0200][9f6dfa8] Martin Hewitson
Upgraded to be able to handle the figure handle if it's set. This answers to MANTIS issue 0000634.

m-toolbox/classes/@collection/plot.m | 48 ++++++-----
1 file changed, 44 insertions(+), 4 deletions(-)

[2014-05-11 06:55:40 +0200][17cf2ad] Martin Hewitson
Some new iplot tests.

m-toolbox/test/test_iplot_3.m | 25 ++++++-----
m-toolbox/test/test_list.m | 1 +
2 files changed, 23 insertions(+), 3 deletions(-)

[2014-05-11 06:55:25 +0200][e224490] Martin Hewitson
Added a local 'safeset' function and use this wherever we set a handle property. Also added better colour handling for x-y bar plots.

m-toolbox/classes/@ao/iplot.m | 210 ++++++-----
1 file changed, 108 insertions(+), 102 deletions(-)

[2014-05-11 06:53:46 +0200][7601681] Martin Hewitson
Added the option to set the figure names. This answers MANTIS issue 0000747.

m-toolbox/classes/@ao/iplot.m | 18 ++++++-----
1 file changed, 18 insertions(+)

[2014-05-11 06:50:37 +0200][a28fca7] Martin Hewitson
Merge branch 'reproduce_plots' into development

[2014-05-09 14:16:53 +0200][0092aef] Ingo Diepholz
Add callerIsMethod part

m-toolbox/classes/@ao/cov.m | 2 ++
1 file changed, 2 insertions(+)

[2014-05-08 17:43:23 +0200][134b1e8] Mauro Hueller
Fixed two mistakes in typing the formula for uncertainty in the case of division.

m-toolbox/classes/@ao/elementOp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-08 07:17:17 +0200][d1a9357] Martin Hewitson
Merge branch 'development' into reproduce_plots

[2014-05-07 17:14:26 +0200][637f026] Ingo Diepholz
Bug fix: I have to save the random state BEFORE we look over the found spikes.

m-toolbox/classes/@ao/spikecleaning.m | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

[2014-05-07 15:48:11 +0200][9323e83] Ingo Diepholz
Some bug fixes: The general tests of the new test framework have found the following issues: -
Keep the plotinfo of the input A0 - Keep the history of the input A0 for the callerIsMethod case.
- Keep the shape of the input A0s. (2x3 in --> 2x3 out and not 1x6)

m-toolbox/classes/@ao/spikecleaning.m | 9 ++++++++
1 file changed, 9 insertions(+)

[2014-05-07 12:09:02 +0200][98d63c1] Martin Hewitson
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into development

[2014-05-07 12:08:54 +0200][09c046c] Martin Hewitson
Added a new plist property to skip the data truncation step.

m-toolbox/classes/@ao/consolidate.m | 9 ++++++++
1 file changed, 9 insertions(+)

[2014-05-07 09:33:29 +0200][75604d0] Mauro Hueller
Removed dead code. This sneaked in somehow.

m-toolbox/classes/@ao/psd.m | 69 -----
1 file changed, 69 deletions(-)

[2014-05-07 08:54:44 +0200][c195b08] Mauro Hueller
Improved messaging

m-toolbox/classes/@ltppda_uo/retrieve.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-05-07 07:02:05 +0200][ccd0f0a] Martin Hewitson
Merge branches 'development' and 'development' of gitmaster.atlas.aei.uni-hannover.de:ltppda/
ltppda_src into development

[2014-05-07 07:00:47 +0200][9ac24d1] Martin Hewitson
Added a missing setter.

m-toolbox/classes/@plotinfo/plotinfo.m | 11 ++++++++
1 file changed, 11 insertions(+)

[2014-05-07 07:00:35 +0200][1c8ad85] Martin Hewitson
Fixed help.

m-toolbox/classes/@plotinfo/plotinfo.m | 2 ++
1 file changed, 2 insertions(+)

[2014-05-07 07:00:27 +0200][c267045] Martin Hewitson
Added a simpler constructor.

m-toolbox/classes/@plotinfo/plotinfo.m | 9 ++++++++
1 file changed, 9 insertions(+)

[2014-05-07 06:58:31 +0200][82fac44] Martin Hewitson
Added an alternative (simpler) constructor.

m-toolbox/classes/@plotinfo/plotinfo.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

[2014-05-06 17:10:35 +0200][91acfd] Ingo Diepholz
I have forgotten to add the 'RAND_STREAM' to the default PLIST. This is necessary because
"applyDefaults" keeps only known keys from the input PLIST.

m-toolbox/classes/@ao/spikecleaning.m | 2 ++
1 file changed, 2 insertions(+)

-----

[2014-05-06 16:59:03 +0200][7adcb62] Ingo Diepholz
Bug fix: We have to set the seed AMD the random stream generator.

m-toolbox/m/built_in_models/ao/ao_model_whitenoise.m | 8 +++++--
1 file changed, 6 insertions(+), 2 deletions(-)

-----

[2014-05-06 16:58:00 +0200][b2649c6] Ingo Diepholz
Bug fix: It is necessary to set or get the seed for the random stream because we use the command
"randn". The "new" PLIST must go into the history.

m-toolbox/classes/@ao/spikecleaning.m | 1 +
1 file changed, 1 insertion(+)

-----

[2014-05-06 16:55:36 +0200][106fe36] Ingo Diepholz
Improvement: The command "rng" doesn't care which random stream generator is set. But to get the
same random numbers (e.g. rebuilding the object) is it necessary to define also the stream
generator.

m-toolbox/classes/@ao/subsData.m | 11 ++++++----
1 file changed, 7 insertions(+), 4 deletions(-)

-----

[2014-05-06 15:52:57 +0200][e2fbaa9] Ingo Diepholz
Bug fix: Keep shape of the data.

m-toolbox/classes/@ao/dft.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----

[2014-05-03 09:54:05 +0200][4f81d05] Martin Hewitson
Bug fixes: there was an error for a pest with no errors. Also added a new column showing the units,
and have restored the original ordering of the parameters.

m-toolbox/classes/@pest/table.m | 23 ++++++-----
1 file changed, 20 insertions(+), 3 deletions(-)

-----

[2014-05-03 09:30:25 +0200][15ba338] Martin Hewitson
Added a simple test case.

m-toolbox/test/test_ao Consolidate.m | 26 ++++++-----
1 file changed, 26 insertions(+)

-----

[2014-05-03 09:30:12 +0200][dbb1e87] Martin Hewitson
Bug fix: we must set back the processed objects to the output array because some methods used don't
work as modifiers. Also some minor reformatting.

m-toolbox/classes/@ao/consolidate.m | 8 ++++++--
1 file changed, 7 insertions(+), 1 deletion(-)

-----

[2014-05-02 16:27:55 +0200][78afeb6] Nikos
Updated this function due to recent changes

m-toolbox/classes/@mfh/fisher.m | 12 ++++++-----
1 file changed, 7 insertions(+), 5 deletions(-)

-----

[2014-05-02 15:58:46 +0200][317f833] Nikos
Bug fix: In case the the 'ao' models are used and the input parameters have yunits

m-toolbox/classes/@MCMC/handle_data_for_icsm.m | 21 ++++++-----
.../m/built_in_models/mfh/mfh_model_loglikelihood.m | 6 +-----
2 files changed, 19 insertions(+), 8 deletions(-)

-----

[2014-05-01 13:51:25 -0400][83c6f9b] James Ira Thorpe
fixed bug in splitting of substitution flag to match input object

```



```
m-toolbox/classes/@ao/subsData.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-05-01 13:25:33 -0400][f424cb6] James Ira Thorpe  
Merge branch 'development' into GSFC/gaps_and_kicks
```

```
-----  
[2014-05-01 13:24:25 -0400][a9a3b86] James Ira Thorpe  
New method for detecting outliers in time series data
```

```
m-toolbox/classes/@ao/detectOutliers.m          | 261 ++++++  
.../test_ao_detectOutliers.m                    | 21 ++  
2 files changed, 282 insertions(+)
```

```
-----  
[2014-05-01 13:23:56 -0400][b03913b] James Ira Thorpe  
added more info to default output name
```

```
m-toolbox/classes/@ao/subsData.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-05-01 15:08:28 +0200][9df1cb4] Martin Hewitson  
We also need to check before trying to access the toffset value.
```

```
m-toolbox/classes/@ao/transpose.m | 4 ++++  
1 file changed, 4 insertions(+)
```

```
-----  
[2014-05-01 07:40:37 +0200][b4ee207] Martin Hewitson  
Check we have tsdata before trying to set the toffset.
```

```
m-toolbox/classes/@ao/transpose.m | 5 ++++-  
1 file changed, 4 insertions(+), 1 deletion(-)
```

```
-----  
[2014-04-30 23:06:53 -0400][3c5fc81] James Ira Thorpe  
Added spline and polynomial interpolation options for subsData
```

```
m-toolbox/classes/@ao/subsData.m | 139 ++++++-----  
1 file changed, 123 insertions(+), 16 deletions(-)
```

```
-----  
[2014-04-30 17:37:44 +0200][dc370b6] Nikos  
Bug fix: the 'fs' key as not passed into the built-in model
```

```
m-toolbox/classes/@mfh/fisher.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-04-30 17:29:45 +0200][cdd90e0] Ingo Diepholz  
Bug fix: The transpose method didn't take care of the toffset. Setting the x-values with setX  
resets the toffset.
```

```
m-toolbox/classes/@ao/transpose.m | 2 ++  
1 file changed, 2 insertions(+)
```

```
-----  
[2014-04-30 15:08:01 +0200][8dbf7af] Martin Hewitson  
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development
```

```
-----  
[2014-04-30 15:07:57 +0200][d59549d] Martin Hewitson  
Only extract from a cell-array when using regexp.
```

```
m-toolbox/classes/@ltpda_container/search.m | 3 +--  
1 file changed, 1 insertion(+), 2 deletions(-)
```

```
-----  
[2014-04-30 15:07:32 +0200][269ccbd] Martin Hewitson  
Bug fix: we need to make sure that 'rest' is updated when we search the inputs again.
```

```
m-toolbox/classes/@ltpda_container/search.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-04-30 13:31:03 +0200][4e27fd2] Ingo Diepholz  
Fixed some bugs: - Swap the AOs if they don't come in the right order - Throw an error if between  
the AOs is no gap. - The new t-vector (89) have to start at 1 and not at 0
```

m-toolbox/classes/@ao/gapfilling.m | 59 ++++++-----
1 file changed, 34 insertions(+), 25 deletions(-)

[2014-04-29 22:48:49 -0400][adcd869] James Ira Thorpe
included new option for passing gap flag time series to cgfill instead of indices

m-toolbox/classes/@ao/cgfill.m | 11 ++++++--
1 file changed, 9 insertions(+), 2 deletions(-)

[2014-04-29 22:23:16 -0400][f6d6e52] James Ira Thorpe
allow passing of time series A0 specifying data to be substituted as an alternative to specifying indices

m-toolbox/classes/@ao/subsData.m | 37 ++++++-----
1 file changed, 37 insertions(+)

[2014-04-29 18:56:35 +0200][f51dc74] Nikos
Small Bux fix

m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 5 +---
1 file changed, 2 insertions(+), 3 deletions(-)

[2014-04-29 17:19:59 +0200][4284b12] Nikos
Major bug fix: Allowing input vectors to be A0s with Y units when the model is fully A0 version

m-toolbox/classes/@mfh/fisher.m | 28 ++++++-----
m-toolbox/classes/@mfh/getJacobian.m | 9 +++++--
2 files changed, 24 insertions(+), 13 deletions(-)

[2014-04-29 17:18:45 +0200][e524734] Nikos
Bug fix: get the fs from multiple sos

m-toolbox/m/built_in_models/mfh/mfh_model_fft_signals.m | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

[2014-04-29 16:35:12 +0200][0beb286] Nikos
Fixed key here also

m-toolbox/classes/@mfh/fisher.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-29 16:17:39 +0200][5dcaed7] Nikos
Added the function again back

m-toolbox/classes/@MCMC/buildLogLikelihood.m | 90 ++++++-----
1 file changed, 90 insertions(+)

[2014-04-29 16:17:21 +0200][7ce7efd] Nikos
Fixed missing key here too. Removed temporally a function to rename it

m-toolbox/classes/@MCMC/buildLogLikelihood.m | 89 -----
m-toolbox/classes/@MCMC/getDefaultPlist.m | 2 +-
m-toolbox/classes/@MCMC/preprocess.m | 9 +---
3 files changed, 2 insertions(+), 98 deletions(-)

[2014-04-29 16:05:29 +0200][49641b8] Nikos
Fix of plist key

m-toolbox/classes/@MCMC/computeICSMatrix.m | 6 +-----
1 file changed, 2 insertions(+), 4 deletions(-)

[2014-04-29 13:21:00 +0200][e14f52a] Nikos
Removed dead plist key. Small bug fix

m-toolbox/classes/@pest/mcmcPlot.m | 17 ++++++-----
1 file changed, 10 insertions(+), 7 deletions(-)

[2014-04-29 12:44:04 +0200][2964633] Ingo Diepholz

Clear the errors before we set the new x-, y-values and the new errors

```
m-toolbox/classes/@ao/bin_data.m | 1 +  
1 file changed, 1 insertion(+)
```

[2014-04-29 07:20:21 +0200][6fb92ab] Martin Hewitson
Added parameter links in the help.

```
m-toolbox/classes/@MCMC/computeICSMatrix.m | 2 ++  
m-toolbox/classes/@MCMC/preprocess.m      | 3 +++  
2 files changed, 5 insertions(+)
```

[2014-04-28 08:52:30 +0200][5c196ea] Martin Hewitson
rename local variable to avoid conflict with matlab function.

```
m-toolbox/classes/@ltpda_container/search.m | 18 ++++++-----  
1 file changed, 9 insertions(+), 9 deletions(-)
```

[2014-04-28 08:52:11 +0200][39f22e9] Martin Hewitson
Bug fix: we need to handle the case of an empty cell-array.

```
m-toolbox/classes/@collection/collection.m | 4 +++-  
1 file changed, 3 insertions(+), 1 deletion(-)
```

[2014-04-25 14:11:25 +0200][7e1bc76] Ingo Diepholz
Bug fix in split by matching (tsdata): The start and end time was wrong for the case that x(1) was not 0.

```
m-toolbox/classes/@ao/split.m | 4 ++--  
1 file changed, 2 insertions(+), 2 deletions(-)
```

[2014-04-24 22:24:37 -0400][ef792ce] James Ira Thorpe
'rising' and 'falling' parameters can now be passed as AOs in addition to vectors

```
m-toolbox/m/built_in_models/ao/ao_model_pulsestrain.m | 14 ++++++-----  
1 file changed, 11 insertions(+), 3 deletions(-)
```

[2014-04-24 08:31:51 +0200][eb73314] Martin Hewitson
Run an (optional) init script of the form MODULE_NAME_init.m where MODULE_NAME is as defined in the moduleinfo.xml file.

```
m-toolbox/classes/+utils/@modules/installExtensionsForDir.m | 5 +++++  
1 file changed, 5 insertions(+)
```

[2014-04-23 18:01:30 +0200][b5e2030] Ingo Diepholz
Bug fix in split by interval: It is necessary to create a new history PLIST if we have multiple input start times.

```
m-toolbox/classes/@ao/split.m | 9 ++++++--  
1 file changed, 8 insertions(+), 1 deletion(-)
```

[2014-04-23 17:41:16 +0200][badaaef] Nikos
updated the algorithm to recent developments

```
m-toolbox/classes/@MCMC/calculateCovariance.m | 34 ++++++-----  
1 file changed, 27 insertions(+), 7 deletions(-)
```

[2014-04-23 17:40:50 +0200][fa9f986] Nikos
changed some plist keys for convenience

```
m-toolbox/classes/@mfh/fisher.m | 10 +++++-----  
1 file changed, 5 insertions(+), 5 deletions(-)
```

[2014-04-23 17:40:29 +0200][cecdc3f] Nikos
added missing plist keys

```
m-toolbox/classes/@MCMC/getDefaultPlist.m | 10 ++++++-----  
1 file changed, 9 insertions(+), 1 deletion(-)
```

```

[2014-04-23 15:55:31 +0200][903b690] Ingo Diepholz
We should compare to 'less-equal' instead of only 'less' than 2*eps. Changes < to <=

m-toolbox/classes/+utils/@helper/eq2eps.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-04-23 15:26:06 +0200][72f0ca2] Nikos
Bug fixes due to merging

m-toolbox/classes/@MCMC/MCMC.m | 10 +-----
1 file changed, 1 insertion(+), 9 deletions(-)

-----
[2014-04-23 15:02:00 +0200][09d46f6] Nikos
Merge branch 'development' into NK/LLH_enhancement

-----
[2014-04-23 14:37:51 +0200][ce2f617] Nikos
cosmetics and error messages

m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 11 +-----
1 file changed, 8 insertions(+), 3 deletions(-)

-----
[2014-04-23 14:27:53 +0200][7394576] Nikos
Included it to the built-in model

.../built_in_models/mfh/mfh_model_loglikelihood.m | 87 +-----
1 file changed, 87 insertions(+)

-----
[2014-04-23 14:26:51 +0200][e78f7a7] Nikos
Added the 'logarithmic' log-likelihood

m-toolbox/classes/@mfh/loglikelihood_core_log.m | 232 +-----
1 file changed, 232 insertions(+)

-----
[2014-04-23 12:56:29 +0200][2a8d6c5] Ingo Diepholz
Bug fix: Sometimes returns the function inputname(1) an empty string but this is not a valid
variable name.

m-toolbox/classes/@collection/subsref.m | 5 +++-
1 file changed, 4 insertions(+), 1 deletion(-)

-----
[2014-04-23 08:54:47 +0200][717b29c] Martin Hewitson
Added a convenient method which checks if a plist can be considered as a repository plist.

m-toolbox/classes/@plist/plist.m | 21 +-----
1 file changed, 21 insertions(+)

-----
[2014-04-22 16:56:18 +0200][117b44b] Martin Hewitson
rename the input variable to make collisions with the user's variable name much less likely.

m-toolbox/classes/@collection/subsref.m | 20 +-----
1 file changed, 9 insertions(+), 11 deletions(-)

-----
[2014-04-22 16:55:52 +0200][b8381db] Martin Hewitson
Rather than using the wrapper, we implement the simple search code here. This avoids calling the
ao/search method on each internal object, so it's much faster, and it also makes it a little easier
to keep track of the names in the case of collection object searching. But, this is still not so
nice, and there is code here trying to guess which subclass is calling this. Instead we could try
the same trick as in wrapper (which calls wrapperEval implemented in collection and matrix) and
make a searchEval to get the core functionality which is special for each container subclass.

m-toolbox/classes/@ltpda_container/search.m | 72 +-----
1 file changed, 60 insertions(+), 12 deletions(-)

-----
[2014-04-22 09:48:46 +0200][748d620] Martin Hewitson
Bug fix: for more than one object we need to collect the histories in an array.

m-toolbox/classes/@ltpda_uoh/addHistory.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----

```

[2014-04-22 09:03:34 +0200][968f871] Martin Hewitson

I don't see any reason why we need this check for fsdata objects. If anyone has a good reason for this, we can reinstate it.

m-toolbox/classes/@ao/join.m | 4 ----
1 file changed, 4 deletions(-)

[2014-04-16 16:06:11 +0200][25a1ff3] Ingo Diepholz

The definition of the methods have now the following order: - constructor - public - public, static - protected - protected, static - private - private, static

m-toolbox/classes/@MCMC/MCMC.m	126	+++++++-----
m-toolbox/classes/@ao/ao.m	216	+++++++-----
m-toolbox/classes/@collection/collection.m	85	++++-----
m-toolbox/classes/@filterbank/filterbank.m	75	++++-----
m-toolbox/classes/@ltpda_filter/ltpda_filter.m	4	+
m-toolbox/classes/@ltpda_obj/ltpda_obj.m	2	+
m-toolbox/classes/@ltpda_tf/ltpda_tf.m	4	+
m-toolbox/classes/@ltpda_uo/ltpda_uo.m	4	+
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m	4	+
m-toolbox/classes/@matrix/matrix.m	120	+++++-----
m-toolbox/classes/@mfh/mfh.m	74	++++-----
m-toolbox/classes/@mfir/mfir.m	119	+++++-----
m-toolbox/classes/@miir/miir.m	132	+++++-----
m-toolbox/classes/@param/param.m	16	+-
m-toolbox/classes/@parfrac/parfrac.m	62	++++-----
m-toolbox/classes/@pest/pest.m	113	+++++-----
m-toolbox/classes/@plist/plist.m	178	+++++-----
m-toolbox/classes/@pzmodel/pzmodel.m	88	++++-----
m-toolbox/classes/@rational/rational.m	58	++++-----
m-toolbox/classes/@smodel/smodel.m	119	+++++-----
m-toolbox/classes/@specwin/specwin.m	2	+-
m-toolbox/classes/@timespan/timespan.m	112	+++++-----
22 files changed, 844 insertions(+), 869 deletions(-)		

[2014-04-16 11:53:46 +0200][eacbb16] Ingo Diepholz

The definition of the methods have now the following order: - constructor - public - public, static - protected - protected, static - private - private, static

m-toolbox/classes/@ltpda_filter/ltpda_filter.m	45	+++-----
m-toolbox/classes/@ltpda_obj/ltpda_obj.m	41	+++-----
m-toolbox/classes/@ltpda_tf/ltpda_tf.m	44	++++-----
m-toolbox/classes/@ltpda_uo/ltpda_uo.m	121	+++++-----
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m	67	+++++-----
5 files changed, 121 insertions(+), 197 deletions(-)		

[2014-04-16 11:34:38 +0200][73bc897] Nikos

Merge branch 'development' into NK/LLH_enhancement

[2014-04-16 11:33:51 +0200][9f8562c] Nikos

A little faster calculations

../classes/@mfh/loglikelihood_core_noiseFit_v1.m	2	+-
../built_in_models/mfh/mfh_model_loglikelihood.m	140	-----
2 files changed, 1 insertion(+), 141 deletions(-)		

[2014-04-16 11:17:17 +0200][8817efd] Nikos

Typo fix

m-toolbox/classes/@mfh/loglikelihood_core_noiseFit_v1.m	2	+-
1 file changed, 1 insertion(+), 1 deletion(-)		

[2014-04-16 11:14:41 +0200][a3d3b64] Ingo Diepholz

Remove not used property declaration for 'public' or 'private' properties.

m-toolbox/classes/@ao/ao.m	14	-----
m-toolbox/classes/@collection/collection.m	8	-----
m-toolbox/classes/@filterbank/filterbank.m	9	-----
m-toolbox/classes/@ltpda_filter/ltpda_filter.m	12	-----
m-toolbox/classes/@ltpda_obj/ltpda_obj.m	8	-----
m-toolbox/classes/@ltpda_tf/ltpda_tf.m	12	-----
m-toolbox/classes/@ltpda_uo/ltpda_uo.m	12	-----
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m	12	-----
m-toolbox/classes/@matrix/matrix.m	8	-----

```

m-toolbox/classes/@mfir/mfir.m | 8 -----
m-toolbox/classes/@miir/miir.m | 8 -----
m-toolbox/classes/@parfrac/parfrac.m | 8 -----
m-toolbox/classes/@pest/pest.m | 7 -----
m-toolbox/classes/@plist/plist.m | 4 ----
m-toolbox/classes/@pzmodel/pzmodel.m | 8 -----
m-toolbox/classes/@rational/rational.m | 8 -----
m-toolbox/classes/@smodel/smodel.m | 8 -----
m-toolbox/classes/@ssm/ssm.m | 4 ----
m-toolbox/classes/@timespan/timespan.m | 4 ----
19 files changed, 162 deletions(-)

```

[2014-04-16 11:02:32 +0200][88f23d8] Ingo Diepholz

There was an old requirement to hide the static method "buildplist" from the user. --> Set the access to 'protected'

```

m-toolbox/classes/@ao/ao.m | 194 ++++++-----
m-toolbox/classes/@collection/collection.m | 46 +----
m-toolbox/classes/@filterbank/filterbank.m | 56 +-----
.../classes/@ltpda_algorithm/ltpda_algorithm.m | 14 +-
m-toolbox/classes/@ltpda_uo/ltpda_uo.m | 27 +-
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m | 20 +-
m-toolbox/classes/@matrix/matrix.m | 76 +----
m-toolbox/classes/@mfh/mfh.m | 25 +-
m-toolbox/classes/@mfir/mfir.m | 102 ++++++-----
m-toolbox/classes/@miir/miir.m | 112 ++++++-----
m-toolbox/classes/@parfrac/parfrac.m | 76 +----
m-toolbox/classes/@pest/pest.m | 78 ++++++-----
m-toolbox/classes/@plist/plist.m | 41 +----
m-toolbox/classes/@pzmodel/pzmodel.m | 128 ++++++-----
m-toolbox/classes/@rational/rational.m | 94 +----
m-toolbox/classes/@smodel/smodel.m | 90 +----
m-toolbox/classes/@ssm/ssm.m | 170 ++++++-----
m-toolbox/classes/@timespan/timespan.m | 66 +----
18 files changed, 747 insertions(+), 668 deletions(-)

```

[2014-04-16 10:22:03 +0200][227edb6] Ingo Diepholz

The functions - getDefaultPlist - buildplist must be static methods. They are at least in all other classes static.

```

.../classes/@ltpda_algorithm/ltpda_algorithm.m | 23 ++++++-----
1 file changed, 11 insertions(+), 12 deletions(-)

```

[2014-04-16 10:19:53 +0200][62d6c0a] Ingo Diepholz

It is not necessary for persistent variables to check if they exist (exist('pl', 'var')). It is enough to check if the variable is empty because the command "persistent pl;" already predefine the variable with an empty array.

```

m-toolbox/classes/@collection/collection.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

[2014-04-16 07:23:30 +0200][4299ccd] Martin Hewitson

Better make sure the frequencies over which we estimate an error are positive.

```

m-toolbox/classes/@ao/dft.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

```

[2014-04-16 07:21:59 +0200][ff43f5e] Martin Hewitson

An experimental way to assign an error to the DFT results.

```

m-toolbox/classes/@ao/dft.m | 55 ++++++-----
1 file changed, 46 insertions(+), 9 deletions(-)

```

[2014-04-16 06:59:20 +0200][25db5f5] Martin Hewitson

Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-04-16 06:59:09 +0200][3c0a15c] Martin Hewitson

Improved documentation to reflect the fact that this method now handles fft filtering and fractional delay filtering.

```

m-toolbox/classes/@ao/delay.m | 11 ++++++-----
1 file changed, 6 insertions(+), 5 deletions(-)

```

[2014-04-15 18:39:13 +0200][156dbac] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into development

[2014-04-15 18:22:44 +0200][a600043] Mauro Hueller
Use much nicer paper settings from LTPDAPipelineStep/savePlot

m-toolbox/m/etc/ltppda_startup.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-15 17:22:22 +0200][631c1ca] Ingo Diepholz
Remove and set the errors 'dx' and 'dy' later before we set the new x- and y-values. This will suppress a warning that the size have changed.

m-toolbox/classes/@ao/split.m | 26 ++++++-----
1 file changed, 18 insertions(+), 8 deletions(-)

[2014-04-15 16:31:58 +0200][1a8d0f0] Ingo Diepholz
Bug fix: Add callerIsMethod() feature to the split_by_length() sub function.

m-toolbox/classes/@ao/split.m | 12 ++++++--
1 file changed, 11 insertions(+), 1 deletion(-)

[2014-04-15 16:07:45 +0200][5114358] Ingo Diepholz
Move the check for model tests into the first if-case.

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 12 +++++-----
1 file changed, 4 insertions(+), 8 deletions(-)

[2014-04-15 13:22:59 +0200][0b60832] Ingo Diepholz
We have a general case in this function if the m-file name contains the string '_model_'. In this case do we not add history because we assume that we are inside a model. But this is too general because we also have a TestCase with the file name test_ao_model_LTPVisualize and here do we need the history. --> I have created a exception for the test cases.

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 13 ++++++--
1 file changed, 12 insertions(+), 1 deletion(-)

[2014-04-14 13:06:46 +0200][9b79e57] Ingo Diepholz
xaxisDdataWillChange() method is only necessary for the case that we have evenly sampled data and the user want to set 'dx'. The ltppda_vector() class can not keep the shape of the y-axis because there are no x-values who have the shape of the y-values. Only here in the data class (data2D-class) do we have access to the shape of the y-values.

m-toolbox/classes/@data2D/data2D.m | 11 ++++++--
1 file changed, 7 insertions(+), 4 deletions(-)

[2014-04-14 13:04:44 +0200][34e5c90] Ingo Diepholz
Bug fix of the bug fix: I have checked the wrong axis. OLD Message: Expand the 'dx' values only to the size of the y-axis if the x-values are empty (evenly sampled data)

m-toolbox/classes/@data2D/data2D.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-14 12:48:21 +0200][f620bd7] Ingo Diepholz
Bug fix: Expand the 'dx' values only to the size of the y-axis if the x-values are empty (evenly sampled data)

m-toolbox/classes/@data2D/data2D.m | 7 ++++++
1 file changed, 7 insertions(+)

[2014-04-11 17:35:07 +0200][5a7192d] Nikos
pass the correct keys to the built-in models

m-toolbox/classes/@mfh/fisher.m | 12 ++++++-----
1 file changed, 8 insertions(+), 4 deletions(-)

[2014-04-11 13:03:12 +0200][67eefbb] Ingo Diepholz
Simplify split by time length

```

m-toolbox/classes/@ao/split.m | 26 +++++-----
1 file changed, 6 insertions(+), 20 deletions(-)

-----
[2014-04-11 11:52:02 +0200][0fc3652] Nikos
Added the version here

m-toolbox/classes/@mfh/fisher.m | 5 +++-
1 file changed, 4 insertions(+), 1 deletion(-)

-----
[2014-04-10 22:03:37 +0200][03bc300] Mauro Hueller
I was not able to trace in the log where this check was introduced, but I think it should not be
there, so to allow the call diag([1 2 3]) = [1 0 0; 0 2 0; 0 0 3]

m-toolbox/classes/@ao/diag.m | 7 -----
1 file changed, 7 deletions(-)

-----
[2014-04-10 22:02:24 +0200][118d273] Mauro Hueller
Minor

m-toolbox/classes/@ao/interp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-04-10 17:57:32 +0200][a8b7f8a] Nikos
More information to the output

m-toolbox/classes/@mfh/fisher.m | 28 ++++++-----
1 file changed, 25 insertions(+), 3 deletions(-)

-----
[2014-04-10 17:28:33 +0200][360c953] Nikos
Solving the history issue by modifying the fisher function

m-toolbox/classes/@mfh/fisher.m | 97 ++++++-----
1 file changed, 80 insertions(+), 17 deletions(-)

-----
[2014-04-10 17:28:02 +0200][ae8a593] Nikos
Using previous function here

.../built_in_models/mfh/mfh_model_loglikelihood.m | 23 +-----
1 file changed, 1 insertion(+), 22 deletions(-)

-----
[2014-04-10 17:27:16 +0200][857e0cd] Nikos
New utility small function to avoid duplication of code in various places

m-toolbox/classes/@MCMC/MCMC.m | 1 +
m-toolbox/classes/@MCMC/handle_data_for_icsm.m | 33 ++++++-----
2 files changed, 34 insertions(+)

-----
[2014-04-10 11:22:43 -0400][d380d87] James Ira Thorpe
added processing of xunits, yunits, t0, and toffset parameters

m-toolbox/m/built_in_models/ao/ao_model_pulsestrain.m | 8 +++-----
1 file changed, 4 insertions(+), 4 deletions(-)

-----
[2014-04-10 17:02:55 +0200][a3cb49d] Ingo Diepholz
Bug fix for setting 'dx' and that the x-values are empty. In this case it is not possible to keep
the shape of the x-axis because there is no shape. I have fixed this by using the same mechanism
for setting the x-values. 1) I call a method (xaxisDdataWillChange) which checks if the input
values have the right data type. 2) I set the value 3) I check if the shape of 'dx' is the same as
'y' and expands a single value to the size of the y-values.

m-toolbox/classes/@data2D/data2D.m | 42 ++++++-----
m-toolbox/classes/@data2D/setDx.m | 17 ++++++-----
2 files changed, 51 insertions(+), 8 deletions(-)

-----
[2014-04-10 15:42:36 +0200][1abd5b5] Ingo Diepholz
Bug fix in the split by time length part ('round time' == false): I hope I have even fixed this for
too long time length.

m-toolbox/classes/@ao/split.m | 8 ++-----
1 file changed, 2 insertions(+), 6 deletions(-)

```

[2014-04-10 15:35:52 +0200][0269038] Ingo Diepholz
corrected wrong bug fix in the split by time length part: The previous fix worked because the error
was corrected in split by samples.

m-toolbox/classes/@ao/split.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-04-10 14:33:13 +0200][4d8fb14] Ingo Diepholz
corrected wrong bug fix in the split by length part: The previous fix worked because the error was
corrected in split by samples.

m-toolbox/classes/@ao/split.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-04-10 13:43:55 +0200][9a1586d] Ingo Diepholz
bug fix in the split by time length part (round time == false): The user got an error if he have
defined the 'time length' larger than the object time length.

m-toolbox/classes/@ao/split.m | 18 ++++++-----
1 file changed, 11 insertions(+), 7 deletions(-)

[2014-04-10 13:13:39 +0200][792b08c] Ingo Diepholz
bug fix in the split by time length part (round time == true): The user didn't get an output if he
have defined the 'time length' larger than the object time length.

m-toolbox/classes/@ao/split.m | 15 ++++++-----
1 file changed, 8 insertions(+), 7 deletions(-)

[2014-04-10 13:08:34 +0200][25ace79] Ingo Diepholz
bug fix in the split by length part: The user didn't get an output if he have defined the 'length'
larger than the number of samples.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-10 13:03:41 +0200][8952e6b] Ingo Diepholz
Add a verify check that each chunk have at least one sample.

m-toolbox/classes/@ao/split.m | 6 ++++++
1 file changed, 6 insertions(+)

[2014-04-10 12:50:20 +0200][cc5ef8f] Nikos
Also enhanced the plotting tool

m-toolbox/classes/@pest/mcmcPlot.m | 34 ++++++-----
1 file changed, 30 insertions(+), 4 deletions(-)

[2014-04-10 12:07:37 +0200][cf05c7e] Ingo Diepholz
Bug fix: The output variable name was wrong.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-10 12:01:33 +0200][6ddd44c] Nikos
Added an error message

m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 12 ++++++-----
1 file changed, 11 insertions(+), 1 deletion(-)

[2014-04-10 12:01:13 +0200][fa70538] Nikos
cleaned code

m-toolbox/classes/@mfh/loglikelihood_core_noiseFit_v1.m | 11 +++++-----
1 file changed, 6 insertions(+), 5 deletions(-)

[2014-04-10 12:00:52 +0200][dd1b299] Nikos
Cosmetics

```
m-toolbox/classes/@mfh/loglikelihood_core_noiseFit_v1.m | 8 ++++++--  
1 file changed, 6 insertions(+), 2 deletions(-)
```

```
-----  
[2014-04-10 12:00:33 +0200][f25c325] Nikos  
Added another plist key
```

```
m-toolbox/classes/@MCMC/computeICSMatrix.m | 8 +++++++  
1 file changed, 8 insertions(+)
```

```
-----  
[2014-04-09 14:29:44 +0200][3c23b96] Ingo Diepholz  
Modify warning
```

```
m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-04-09 14:29:25 +0200][c2cf759] Ingo Diepholz  
Clear the errors before we set the new values because this will suppress the warning '!!! The shape  
of the error (ddata) doesn't fit any more to the shape of the data. Set the error (ddata) to an  
empty array.'
```

```
m-toolbox/classes/@ao/resample.m | 4 +--  
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
-----  
[2014-04-09 14:02:54 +0200][31852d6] Ingo Diepholz  
Split by times: Add an additional condition for the case "count from the end" (end time is  
negative) that the end time must be smaller as the start time.
```

```
m-toolbox/classes/@ao/split.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-04-09 09:41:23 +0200][c618fff] Nikos  
Merge branch 'development' into NK/LLH_enhancement
```

```
-----  
[2014-04-09 09:40:53 +0200][c7b6072] Nikos  
small typo fix
```

```
m-toolbox/m/built_in_models/mfh/mfh_model_fft_signals.m | 2 ++  
1 file changed, 2 insertions(+)
```

```
-----  
[2014-04-09 09:40:33 +0200][1afc988] Nikos  
cosmetics
```

```
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 10 +++++-----  
1 file changed, 5 insertions(+), 5 deletions(-)
```

```
-----  
[2014-04-08 20:31:05 +0200][c7d5a3e] Nikos  
more development on the likelihood enhancement. New log likelihood version
```

```
.../classes/@mfh/loglikelihood_core_noiseFit_v1.m | 78 ++++++++  
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 52 +++++-  
.../built_in_models/mfh/mfh_model_loglikelihood.m | 195 ++++++-----  
3 files changed, 303 insertions(+), 22 deletions(-)
```

```
-----  
[2014-04-08 19:03:30 +0200][efd0f55] Martin Hewitson  
Preserve the shape of the object array when collapse to history objects in the history plist.
```

```
m-toolbox/classes/@ltpda_uoh/addHistory.m | 8 ++++++--  
1 file changed, 7 insertions(+), 1 deletion(-)
```

```
-----  
[2014-04-08 19:02:46 +0200][6cf6e33] Martin Hewitson  
We don't have empty commands now so the 'if' statements aren't needed in the output.
```

```
m-toolbox/classes/@history/rebuild.m | 2 --  
1 file changed, 2 deletions(-)
```

```
-----  
[2014-04-08 19:01:42 +0200][3253f22] Martin Hewitson  
Restore the removal of blank commands, which means the 'if' statements aren't needed in the output.
```

```
m-toolbox/classes/@history/hist2m.m | 7 +++++--
```

m-toolbox/classes/@ltpda_uoh/type.m | 4 ----
2 files changed, 4 insertions(+), 7 deletions(-)

[2014-04-08 18:55:24 +0200][0137256] Martin Hewitson
Also skip empty lines when writing to a file.

m-toolbox/classes/@ltpda_uoh/type.m | 2 ++
1 file changed, 2 insertions(+)

[2014-04-08 15:19:40 +0200][0a6cdd3] Ingo Diepholz
The split_by_time_length() part have now its own addHistory part.

m-toolbox/classes/@ao/split.m | 52 ++++++-----
1 file changed, 29 insertions(+), 23 deletions(-)

[2014-04-08 12:01:38 +0200][0f68f7b] Nikos
Merge branch 'development' into NK/LLH_enhancement

[2014-04-08 11:01:21 +0200][8528cba] Martin Hewitson
Handle the case where the result of the preceding code is a cell-array. We just convert this to a string. This can happen, for example, if char(objects) produces a cell-array, which is the case for some classes.

m-toolbox/classes/+utils/@helper/val2str.m | 4 ++++
1 file changed, 4 insertions(+)

[2014-04-08 07:56:18 +0200][cf49724] Martin Hewitson
Merge branch 'development' into MRH/new_iplopy

[2014-04-07 19:19:22 +0200][def8346] Nikos
Get rid of infs

m-toolbox/classes/@MCMC/plotLogLikelihood.m | 5 +++-
1 file changed, 4 insertions(+), 1 deletion(-)

[2014-04-07 19:04:45 +0200][41d3bd1] Nikos
Another plist key

m-toolbox/classes/@MCMC/plotLogLikelihood.m | 8 ++++++
1 file changed, 8 insertions(+)

[2014-04-07 18:51:21 +0200][381d0d2] Nikos
Bug fix: if there is an inf value, then LLH/max(LLH) cannot be plotted

m-toolbox/classes/@MCMC/plotLogLikelihood.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-07 17:06:05 +0200][8ff889e] Nikos
Bug fix: the input sampler should also be a MFH object

m-toolbox/classes/@MCMC/mhsample.m | 2 ++
1 file changed, 2 insertions(+)

[2014-04-07 16:56:39 +0200][c9c4b72] Ingo Diepholz
Bug fix: The split by time length have the feature 'callerIsMethod' ignored.

m-toolbox/classes/@ao/split.m | 13 ++++++--
1 file changed, 11 insertions(+), 2 deletions(-)

[2014-04-07 14:38:34 +0200][cc5c8b8] Ingo Diepholz
Remove MATLABs interp1 method 'cubic' because it will be removed in a future release and this method is the same as 'pchip'. But now I have removed the option and not only the description.

m-toolbox/classes/@ao/interp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-04-07 14:21:19 +0200][03727dc] Ingo Diepholz

Remove MATLABs interp1 method 'cubic' because it will be removed in a future release and this method is the same as 'pchip'.

```
m-toolbox/classes/@ao/interp.m | 1 -  
1 file changed, 1 deletion(-)
```

[2014-04-07 11:08:36 +0200][e9c27cd] Ingo Diepholz

1. Keep the errors if we set the values with an A0 2. clear the errors if the shape of the new values are not the same.

```
m-toolbox/classes/@ao/setX.m | 7 ++++++  
m-toolbox/classes/@ao/setY.m | 7 ++++++  
m-toolbox/classes/@ao/setZ.m | 7 ++++++  
3 files changed, 21 insertions(+)
```

[2014-04-04 16:30:51 +0200][ade03e8] Ingo Diepholz

Clear the errors 'dx' and 'dy' before we set the new y- and/or x-values

```
m-toolbox/classes/@ao/downsample.m | 10 +----  
m-toolbox/classes/@ao/upsample.m | 7 +----  
2 files changed, 8 insertions(+), 9 deletions(-)
```

[2014-04-04 15:58:41 +0200][975ffa2] Nikos

Merge branch 'development' into NK/LLH_enhancement

[2014-04-04 12:55:41 +0200][429e8ca] Ingo Diepholz

Use less equal '<=' instead of '<' because then is it easier to define a positive threshold value (like 2*eps == good).

```
m-toolbox/classes/+utils/@math/isequal.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-04-04 12:36:31 +0200][236a837] Ingo Diepholz

Remove the errors if we down sample

```
m-toolbox/classes/@ao/downsample.m | 3 +++  
1 file changed, 3 insertions(+)
```

[2014-04-03 16:39:34 +0200][d624b5d] Ingo Diepholz

Merge branch 'origin/Ingo/constructor_from_file_parts' into 'development'

[2014-04-03 16:38:55 +0200][1cf3310] Ingo Diepholz

Add new constructor which uses the put arguments as the path to the file. For example matrix('path', 'to', 'directory', 'myFile.xml') <--> matrix('path/to/directory/myFile.xml')

```
m-toolbox/classes/@collection/collection.m | 26 +----  
m-toolbox/classes/@filterbank/filterbank.m | 17 +-----  
m-toolbox/classes/@matrix/matrix.m | 13 +-----  
m-toolbox/classes/@mfh/mfh.m | 23 +-----  
m-toolbox/classes/@mfir/mfir.m | 15 +-----  
m-toolbox/classes/@miir/miir.m | 20 +-----  
m-toolbox/classes/@parfrac/parfrac.m | 34 +-----  
m-toolbox/classes/@pest/pest.m | 59 +-----  
m-toolbox/classes/@pzmodel/pzmodel.m | 28 +-----  
m-toolbox/classes/@rational/rational.m | 35 +-----  
m-toolbox/classes/@smodel/smodel.m | 15 +-----  
m-toolbox/classes/@ssm/ssm.m | 11 +-----  
m-toolbox/classes/@timespan/timespan.m | 26 +-----  
13 files changed, 284 insertions(+), 38 deletions(-)
```

[2014-04-03 13:15:38 +0100][b4e106f] Martin Hewitson

Ensure the commands are non-empty before calling eval().

```
m-toolbox/classes/@history/rebuild.m | 2 ++  
1 file changed, 2 insertions(+)
```

[2014-04-03 11:18:40 +0100][4c1f893] Martin Hewitson

Revert "Just whitespace reformatting, and ensure the commands are non-empty before calling eval()."

```
m-toolbox/classes/@ltpda_uoh/rebuild.m | 98 +-----  
1 file changed, 68 insertions(+), 30 deletions(-)
```

```

-----
[2014-04-03 10:51:47 +0100][520b6d6] Martin Hewitson
Just whitespace reformatting, and ensure the commands are non-empty before calling eval().

m-toolbox/classes/@ltpda_uoh/rebuild.m | 98 ++++++-----
1 file changed, 30 insertions(+), 68 deletions(-)

-----
[2014-04-03 09:00:35 +0100][84f8ad9] Martin Hewitson
Only print out non-empty lines.

m-toolbox/classes/@ltpda_uoh/type.m | 5 +----
1 file changed, 4 insertions(+), 1 deletion(-)

-----
[2014-04-02 09:59:27 +0200][f96ca38] Nikos
Merge branch 'development' into NK/LLH_enhancement

-----
[2014-04-02 09:57:59 +0200][934d549] Nikos
Merge branch 'development' into NK/MCMC_algorithm_update

-----
[2014-04-02 05:50:36 +0200][6cda84f] Mauro Hueller
Updated

.../images/ltpda_training_1/topic2/ifotempraw.png | Bin 50163 -> 62646 bytes
.../ug/images/ltpda_training_1/topic2/samples.png | Bin 47380 -> 54088 bytes
.../help/ug/ltpda_training_topic_2_9_content.html | 6 +-----
3 files changed, 2 insertions(+), 4 deletions(-)

-----
[2014-04-01 18:41:18 +0200][bfa4c2a] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

-----
[2014-04-01 18:40:02 +0200][ae4ddc5] Mauro Hueller
Updated text and figures

.../images/ltpda_training_1/topic2/split_freq.png | Bin 45588 -> 84136 bytes
.../ltpda_training_1/topic2/split_interv.png | Bin 45188 -> 62437 bytes
.../images/ltpda_training_1/topic2/split_join.png | Bin 46484 -> 84959 bytes
.../ltpda_training_1/topic2/split_join_hist.png | Bin 112680 -> 277702 bytes
.../images/ltpda_training_1/topic2/split_samp.png | Bin 46576 -> 85745 bytes
.../images/ltpda_training_1/topic2/split_times.png | Bin 45094 -> 62284 bytes
.../help/ug/ltpda_training_topic_2_8_content.html | 9 +++++----
7 files changed, 5 insertions(+), 4 deletions(-)

-----
[2014-04-01 14:33:06 +0200][164f3fe] Ingo Diepholz
Bug fix after a fix.

m-toolbox/classes/@minfo/modelOverview.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-04-01 14:26:12 +0200][aadd831] Mauro Hueller
Avoid a possible dead-lock situation where the last line of the file is somehow corrupted.

m-toolbox/classes/@ao/fromDatafile.m | 7 +++++-
1 file changed, 6 insertions(+), 1 deletion(-)

-----
[2014-04-01 13:24:33 +0200][2e3a61e] Mauro Hueller
Updated

.../ug/images/ltpda_training_1/topic2/coloured.png | Bin 45366 -> 58419 bytes
.../help/ug/images/ltpda_training_1/topic2/find.png | Bin 44948 -> 54218 bytes
.../ug/images/ltpda_training_1/topic2/select.png | Bin 44903 -> 53740 bytes
.../ug/images/ltpda_training_1/topic2/whiten.png | Bin 49511 -> 77261 bytes
.../help/ug/ltpda_training_topic_2_6_content.html | 15 ++++++-----
.../help/ug/ltpda_training_topic_2_7_content.html | 4 +---
6 files changed, 11 insertions(+), 8 deletions(-)

-----
[2014-04-01 12:08:30 +0200][f67da3a] Nikos
Merge branch 'development' into NK/MCMC_algorithm_update

```

[2014-04-01 12:07:57 +0200][125a348] Nikos
updating the ao/crb and matrix/crb that call the MCMC algorithm class

```
m-toolbox/classes/@ao/crb.m      | 10 ++++++---  
m-toolbox/classes/@matrix/crb.m | 6 +++---  
2 files changed, 10 insertions(+), 6 deletions(-)
```

[2014-04-01 12:07:19 +0200][5bcd96f] Nikos
update of test

```
m-toolbox/classes/@MCMC/tests/test_MCMC_default_plist.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-04-01 12:07:08 +0200][f25a22b] Nikos
plist key to plot fits

```
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 3 +-  
1 file changed, 2 insertions(+), 1 deletion(-)
```

[2014-04-01 12:06:55 +0200][e7faca0] Nikos
No need for this line now. Multiple outputs can be handled

```
m-toolbox/classes/@MCMC/preprocessMFH.m | 3 +-  
1 file changed, 2 insertions(+), 1 deletion(-)
```

[2014-04-01 12:06:31 +0200][271a12c] Nikos
The snr cannot be calculated as we ave defined the analysis with mfh objects

```
m-toolbox/classes/@mfh/loglikelihood_core.m | 9 +++++---  
1 file changed, 5 insertions(+), 4 deletions(-)
```

[2014-04-01 12:05:50 +0200][9381207] Nikos
plist key to plot fits

```
m-toolbox/classes/@MCMC/getDefaultPlist.m | 4 ++++  
1 file changed, 4 insertions(+)
```

[2014-04-01 12:05:30 +0200][2c8bc5e] Nikos
plist key to plot fits

```
m-toolbox/classes/@MCMC/buildLoglikelihood.m | 3 +-  
1 file changed, 2 insertions(+), 1 deletion(-)
```

[2014-04-01 12:05:21 +0200][1c91f36] Nikos
plist key to plot fits

```
m-toolbox/classes/@MCMC/computeICSMatrix.m | 8 ++++++---  
1 file changed, 6 insertions(+), 2 deletions(-)
```

[2014-04-01 10:34:51 +0200][50d515c] Ingo Diepholz
Bug fix: We should pass 'pl' only for the case that it is not empty to 'wrapperEval' because an empty pl causes an empty entry in the input arguments.

```
m-toolbox/classes/@ltpda_container/wrapper.m | 4 ++++  
1 file changed, 4 insertions(+)
```

[2014-04-01 10:06:47 +0200][49c3689] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-04-01 10:06:42 +0200][32222d0] Mauro Hueller
Updated text and figures

```
.../ug/images/ltpda_training_1/topic2/detrend.png | Bin 44379 -> 58393 bytes  
.../ltpda_training_1/topic2/detrend_diff.png      | Bin 45338 -> 54342 bytes  
.../help/ug/ltpda_training_topic_2_5_content.html | 38 ++++-----  
3 files changed, 7 insertions(+), 31 deletions(-)
```

[2014-04-01 10:06:25 +0200][6920be1] Mauro Hueller
Removed GUI reference files

```

.../images/ltpda_training_1/topic2/detrend_ao_plist.png | Bin 11816 -> 0 bytes
.../images/ltpda_training_1/topic2/detrend_pipeline.png | Bin 22772 -> 0 bytes
.../ug/images/ltpda_training_1/topic2/lwb_interp_1.png | Bin 31082 -> 0 bytes
.../ltpda_training_1/topic2/lwb_interp_ao_interp1.png | Bin 10025 -> 0 bytes
.../ltpda_training_1/topic2/lwb_interp_ao_interp2.png | Bin 8366 -> 0 bytes
.../ltpda_training_1/topic2/lwb_interp_ao_props.png | Bin 11649 -> 0 bytes
.../images/ltpda_training_1/topic2/lwb_interp_ipplot.png | Bin 9414 -> 0 bytes
7 files changed, 0 insertions(+), 0 deletions(-)

```

[2014-04-01 09:39:18 +0200][79e5c4d] Ingo Diepholz
Changed a fprintf() command to utils.helper.msg()

```

m-toolbox/classes/@minfo/modelOverview.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

[2014-04-01 09:06:19 +0200][b3d5536] Mauro Hueller
Updated

```

.../ug/images/ltpda_training_1/topic2/interp.png | Bin 54424 -> 67036 bytes
.../help/ug/ltpda_training_topic_2_4_content.html | 31 ++++++-----
2 files changed, 22 insertions(+), 9 deletions(-)

```

[2014-04-01 09:06:03 +0200][6f437c7] Mauro Hueller
Removed GUI reference.

```

.../help/ug/ltpda_training_topic_2_4_content.html | 89 -----
1 file changed, 89 deletions(-)

```

[2014-04-01 09:05:26 +0200][366e6af] Mauro Hueller
Help updated

```

m-toolbox/classes/@ao/interp.m | 10 ++++++--
1 file changed, 9 insertions(+), 1 deletion(-)

```

[2014-04-01 06:36:00 +0200][7060f0a] Mauro Hueller
Use the dynamic help pages. Cosmetics.

```

m-toolbox/html_help/help/ug/ltpda_training_topic_2_1_content.html | 2 +-
m-toolbox/html_help/help/ug/ltpda_training_topic_2_2_content.html | 4 +---
m-toolbox/html_help/help/ug/ltpda_training_topic_2_3_content.html | 4 +---
3 files changed, 5 insertions(+), 5 deletions(-)

```

[2014-04-01 06:35:15 +0200][2dca277] Mauro Hueller
Updated plots

```

.../ug/images/ltpda_training_1/topic2/down1.png | Bin 49951 -> 60310 bytes
.../ug/images/ltpda_training_1/topic2/down2.png | Bin 49859 -> 60022 bytes
.../help/ug/images/ltpda_training_1/topic2/re1.png | Bin 53597 -> 64372 bytes
.../help/ug/images/ltpda_training_1/topic2/up1.png | Bin 50419 -> 62594 bytes
.../help/ug/images/ltpda_training_1/topic2/up2.png | Bin 49986 -> 58231 bytes
5 files changed, 0 insertions(+), 0 deletions(-)

```

[2014-03-31 18:50:38 +0200][27ef4e9] Nikos
Update of tests

```

m-toolbox/classes/@MCMC/tests/test_MCMC_calculateCovariance.m | 9 +++++--
m-toolbox/classes/@MCMC/tests/test_MCMC_default_plist.m | 2 +-
2 files changed, 6 insertions(+), 5 deletions(-)

```

[2014-03-31 18:35:53 +0200][b1acbea] Nikos
The noise can be a MFH to b evaluated

```

m-toolbox/classes/@MCMC/setNoise.m | 4 +---
1 file changed, 3 insertions(+), 1 deletion(-)

```

[2014-03-31 18:35:32 +0200][3c448d0] Nikos
The noise can be a MFH to b evaluated

```

m-toolbox/classes/@MCMC/collectOutputA0s.m | 9 ++++++--
1 file changed, 7 insertions(+), 2 deletions(-)

```

```

-----
[2014-03-31 18:35:14 +0200][9e96226] Nikos
typo

m-toolbox/classes/@MCMC/buildLoglikelihood.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-31 18:20:39 +0200][e818ca2] Mauro Hueller
Removed GUI reference.

.../html_help/help/ug/ltpda_training_topic_1_9_content.html | 10 -----
1 file changed, 10 deletions(-)

-----
[2014-03-31 18:20:13 +0200][bc93aa1] Mauro Hueller
Cosmetics, typo

m-toolbox/html_help/help/ug/ltpda_training_topic_1_7_content.html | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2014-03-31 18:19:53 +0200][ce0f2d7] Mauro Hueller
Removed GUI reference.

.../help/ug/ltpda_training_topic_1_8_content.html | 26 -----
1 file changed, 26 deletions(-)

-----
[2014-03-31 18:19:38 +0200][43ffa55] Mauro Hueller
Updated to current LTPDA Tbx behavior

.../help/ug/ltpda_training_topic_1_6_content.html | 25 ++++++-----
1 file changed, 12 insertions(+), 13 deletions(-)

-----
[2014-03-31 18:05:37 +0200][1ed00b7] Nikos
forgot to change this line

m-toolbox/classes/@MCMC/performDataChecks.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-31 18:00:34 +0200][0dd533c] Nikos
Merge branch 'development' into NK/MCMC_algorithm_update

-----
[2014-03-31 17:59:33 +0200][56b3a30] Nikos
more robust chcks

m-toolbox/classes/@MCMC/performDataChecks.m | 18 ++++++-----
1 file changed, 9 insertions(+), 9 deletions(-)

-----
[2014-03-31 17:59:16 +0200][d4e4364] Nikos
Added error message

m-toolbox/classes/@MCMC/calculateCovariance.m | 4 ++++
1 file changed, 4 insertions(+)

-----
[2014-03-31 17:55:52 +0200][4dcc126] Mauro Hueller
Removed GUI reference. Added an example with plist syntax.

.../help/ug/ltpda_training_topic_1_5_content.html | 24 +++++-----
1 file changed, 7 insertions(+), 17 deletions(-)

-----
[2014-03-31 17:55:25 +0200][a496b62] Mauro Hueller
Cosmetics

m-toolbox/html_help/help/ug/ltpda_training_topic_1_4_content.html | 6 +++--
1 file changed, 4 insertions(+), 2 deletions(-)

-----
[2014-03-31 17:55:14 +0200][9f3dc82] Mauro Hueller
Removed reference to removed GUIs

.../help/ug/images/ltpda_training_1/topic1/explorer.png | Bin 47571 -> 0 bytes

```



```

.../images/ltpda_training_1/topic1/ifo_cal_pipeline.png | Bin 12050 -> 0 bytes
.../ug/images/ltpda_training_1/topic1/load_save_eg.png | Bin 19114 -> 0 bytes
.../help/ug/images/ltpda_training_1/topic1/play_btn.png | Bin 2236 -> 0 bytes
.../ltpda_training_1/topic1/temp_cal_pipeline.png | Bin 13875 -> 0 bytes
.../ug/images/ltpda_training_1/topic1/tsdata_pset.png | Bin 39006 -> 0 bytes
6 files changed, 0 insertions(+), 0 deletions(-)

```

```

-----
[2014-03-31 17:32:16 +0200][c3cce88] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

```

```

-----
[2014-03-31 17:31:51 +0200][d606cf3] Mauro Hueller
Removed GUI reference. Added an example with time series addition.

```

```

.../ltpda_training_1/topic1/ao_plus_plot.png | Bin 42561 -> 66912 bytes
.../help/ug/ltpda_training_topic_1_4_content.html | 37 +++++-----
2 files changed, 10 insertions(+), 27 deletions(-)

```

```

-----
[2014-03-31 17:31:08 +0200][554b0f4] Mauro Hueller
Use the dynamic help pages instead, way cleaner.

```

```

.../help/ug/ltpda_training_topic_1_3_content.html | 34 ++-----
1 file changed, 2 insertions(+), 32 deletions(-)

```

```

-----
[2014-03-31 17:30:39 +0200][ff0ad2b] Mauro Hueller
Removed reference to removed GUIs

```

```

.../ug/images/ltpda_training_1/topic1/ao_plus_eg.png | Bin 13337 -> 0 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

```

```

-----
[2014-03-31 17:28:43 +0200][48c73a9] Ingo Diepholz
Overload num2cell for mfh class because indexing doesn't work for single mfh objects. e.g. obj =
mfh(); --> obj(1) will invoke eval because of mfh/subsref(). The MATLAB code uses the command:
c{i} = a(i); and we need a special case if 'a' is a single mfh-object.

```

```

m-toolbox/classes/@mfh/mfh.m | 1 +
m-toolbox/classes/@mfh/num2cell.m | 26 ++++++
2 files changed, 27 insertions(+)

```

```

-----
[2014-03-31 15:57:51 +0200][a7d7f8e] Nikos
cosmetics

```

```

m-toolbox/classes/@MCMC/MCMC.m | 10 +-----
m-toolbox/classes/@mfh/fisher.m | 15 ++++++-----
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 4 +---
3 files changed, 17 insertions(+), 12 deletions(-)

```

```

-----
[2014-03-31 15:57:37 +0200][f9504bb] Nikos
New utility function to handle the log likelihood type

```

```

m-toolbox/classes/@MCMC/buildLoglikelihood.m | 88 ++++++
1 file changed, 88 insertions(+)

```

```

-----
[2014-03-31 15:57:16 +0200][ac8f5f0] Ingo Diepholz
The test framework was already moved to the 'ltpda_testing' repository.

```

```

m-toolbox/testFramework/+unittest/@Test/Test.m | 105 ----
m-toolbox/testFramework/+unittest/@Test/run.m | 73 ---
.../testFramework/+unittest/@TestCase/TestCase.m | 156 -----
.../+unittest/@TestCaseClass/TestCaseClass.m | 105 ----
.../+unittest/@TestCaseModel/TestCaseModel.m | 86 ----
.../+unittest/@TestCaseModel/check_describe.m | 17 -
.../+unittest/@TestCaseModel/check_doc.m | 14 -
.../+unittest/@TestCaseModel/check_info.m | 26 -
.../+unittest/@TestCaseModel/check_modelOverview.m | 23 -
.../@TestCaseModel/check_model_versions.m | 31 --
.../+unittest/@TestCaseModel/check_plist.m | 13 -
.../+unittest/@TestCaseModel/check_plist_version.m | 14 -
.../testFramework/+unittest/@TestMain/TestMain.m | 76 ---
m-toolbox/testFramework/+unittest/@TestMain/char.m | 21 -
.../testFramework/+unittest/@TestMain/display.m | 33 --
.../+unittest/@TestResult/TestResult.m | 132 -----
.../@TestResultPrinter/TestResultPrinter.m | 99 ----

```

.../@TestResultPrinter/displayFailureString.m	5 -
.../+unittest/@TestResultPrinter/dump.m	11 -
.../@TestResultPrinter/printFailuresString.m	59 ---
.../@TestResultPrinter/printRuntimeString.m	30 --
.../@TestResultPrinter/printSkippedString.m	14 -
.../@TestResultPrinter/printSummaryString.m	15 -
.../+unittest/@TestRunner/TestRunner.m	116 -----
.../+unittest/@TestRunner/appendResult.m	10 -
.../@TestRunner/get_builtin_model_tests.m	39 --
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.../+unittest/@TestSuite/addTestFromSubFcn.m	38 --
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.../+unittest/@TestSuite/removeAllTests.m	14 -
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.../+unittest/@TestSuiteMethod/TestSuiteMethod.m	192 -----
.../+unittest/@TestSuiteMethod/anyListInput.m	68 ---
.../+unittest/@TestSuiteMethod/anySingleInput.m	60 ---
.../testFramework/+unittest/@TestSuiteMethod/run.m	81 ----
.../+unittest/@TestSuiteModel/TestSuiteModel.m	130 -----
.../testFramework/+unittest/@TestSuiteModel/run.m	80 ----
.../+checkFcns/+ao/check_clearError.m	56 ---
.../+checkFcns/+ao/check_dimOption.m	19 -
.../+checkFcns/+ao/check_split_history.m	45 --
.../+checkFcns/+ao/check_split_output.m	65 ---
.../+checkFcns/+setter/check_emptyVal.m	36 --
.../+checkFcns/+setter/check_valInAO.m	32 --
.../+checkFcns/+setter/check_valInCell.m	28 --
.../+checkFcns/+setter/check_valInList.m	30 --
.../+checkFcns/check_callerIsMethod.m	31 --
.../+checkFcns/check_callerIsMethodMultOut.m	34 --
.../+checkFcns/check_inputWithPlist.m	15 -
.../+checkFcns/check_listInputWithPlist.m	14 -
.../+checkFcns/check_matrixInputWithPlist.m	15 -
.../TestCaseClassArithOp_ao.m	528 -----
.../ao/@TestCaseClassArithOp_ao/aopInput.m	35 --
.../@TestCaseClassArithOp_ao/aopInputShouldFail.m	35 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule1.m	92 ----
.../ao/@TestCaseClassArithOp_ao/check_aopRule10.m	42 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule11.m	72 ---
.../ao/@TestCaseClassArithOp_ao/check_aopRule2.m	44 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule3.m	32 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule4.m	26 -
.../ao/@TestCaseClassArithOp_ao/check_aopRule5.m	32 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule6.m	33 --
.../ao/@TestCaseClassArithOp_ao/check_aopRule7.m	33 --
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.../ao/@TestCaseClassArithOp_ao/check_aopRule9.m	23 -
.../check_aopRuleShouldFail.m	59 ---
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.../ao/@TestCaseClassArithOp_ao/chkAllTests.m	8 -
.../ao/@TestCaseClassArithOp_ao/chkAopDataObject.m	27 --
.../ao/@TestCaseClassArithOp_ao/chkAopErrors.m	69 ---
.../ao/@TestCaseClassArithOp_ao/chkAopHistory.m	14 -
.../ao/@TestCaseClassArithOp_ao/chkAopUnits.m	26 -
.../ao/@TestCaseClassArithOp_ao/chkAopValues.m	11 -
.../ao/@TestCaseClassArithOp_ao/runTests.m	91 ----
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.../ao/@TestCaseClassArithOp_ao/test_eq.m	4 -
.../ao/@TestCaseClassArithOp_ao/test_ge.m	4 -
.../ao/@TestCaseClassArithOp_ao/test_gt.m	4 -
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.../ao/@TestCaseClassArithOp_ao/test_lt.m	4 -
.../ao/@TestCaseClassArithOp_ao/test_minus.m	4 -
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.../ao/@TestCaseClassArith0p_ao/test_mtimes.m	19 -
.../ao/@TestCaseClassArith0p_ao/test_ne.m	4 -
.../ao/@TestCaseClassArith0p_ao/test_or.m	4 -
.../ao/@TestCaseClassArith0p_ao/test_plus.m	4 -
.../ao/@TestCaseClassArith0p_ao/test_power.m	4 -
.../ao/@TestCaseClassArith0p_ao/test_rdivide.m	4 -
.../ao/@TestCaseClassArith0p_ao/test_times.m	4 -
.../TestCaseClassDescriptiveStatistics_ao.m	77 ---
.../check_defaultPlistInput.m	37 --
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.../test_any.m	6 -
.../test_cov.m	135 -----
.../test_max.m	5 -
.../test_mean.m	5 -
.../test_median.m	5 -
.../test_min.m	4 -
.../test_mode.m	5 -
.../test_std.m	4 -
.../test_sum.m	50 --
.../test_var.m	5 -
.../TestCaseClassElementaryMathCdata_ao.m	118 -----
.../test_det.m	4 -
.../test_diag.m	4 -
.../test_eig.m	20 -
.../test_inv.m	4 -
.../test_norm.m	28 --
.../test_svd.m	21 -
.../TestCaseClassElementaryMath_ao.m	53 ---
.../check_defaultPlistInput.m	32 --
.../ao/@TestCaseClassElementaryMath_ao/test_abs.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_acos.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_angle.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_asin.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_atan.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_conj.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_cos.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_cumsum.m	6 -
.../ao/@TestCaseClassElementaryMath_ao/test_exp.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_imag.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_ln.m	222 -----
.../ao/@TestCaseClassElementaryMath_ao/test_log.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_log10.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_phase.m	54 ---
.../ao/@TestCaseClassElementaryMath_ao/test_real.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_round.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_sign.m	5 -
.../ao/@TestCaseClassElementaryMath_ao/test_sin.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_sqrt.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_tan.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_uminus.m	4 -
.../ao/@TestCaseClassElementaryMath_ao/test_unwrap.m	4 -
.../TestCaseClassGetter_ao.m	94 ----
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.../ao/@TestCaseClassGetter_ao/test_dy.m	96 ----
.../ao/@TestCaseClassGetter_ao/test_dz.m	100 ----
.../ao/@TestCaseClassGetter_ao/test_fs.m	109 ----
.../ao/@TestCaseClassGetter_ao/test_len.m	21 -
.../ao/@TestCaseClassGetter_ao/test_nsecs.m	89 ----
.../ao/@TestCaseClassGetter_ao/test_t0.m	109 ----
.../ao/@TestCaseClassGetter_ao/test_toffset.m	125 ----
.../ao/@TestCaseClassGetter_ao/test_x.m	89 ----
.../ao/@TestCaseClassGetter_ao/test_xunits.m	97 ----
.../ao/@TestCaseClassGetter_ao/test_y.m	79 ---
.../ao/@TestCaseClassGetter_ao/test_yunits.m	97 ----
.../ao/@TestCaseClassGetter_ao/test_z.m	83 ----
.../ao/@TestCaseClassGetter_ao/test_zunits.m	97 ----
.../TestCaseClassOperator_ao.m	271 -----
.../check_defaultListInput.m	16 -
.../check_defaultMatrixInput.m	14 -
.../check_defaultVectorInput.m	12 -
.../ao/@TestCaseClassOperator_ao/check_scalar.m	14 -
.../ao/@TestCaseClassOperator_ao/test_atan2.m	8 -
.../ao/@TestCaseClassOperator_ao/test_hypot.m	10 -
.../TestCaseClassSetter_ao.m	47 --
.../ao/@TestCaseClassSetter_ao/test_setDx.m	43 --
.../ao/@TestCaseClassSetter_ao/test_setDy.m	44 --
.../ao/@TestCaseClassSetter_ao/test_setDz.m	52 --
.../ao/@TestCaseClassSetter_ao/test_setFs.m	63 ---
.../ao/@TestCaseClassSetter_ao/test_setT0.m	161 -----

.../ao/@TestCaseClassSetter_ao/test_setToffset.m	59 ---
.../ao/@TestCaseClassSetter_ao/test_setX.m	57 ---
.../ao/@TestCaseClassSetter_ao/test_setXaxisName.m	41 --
.../ao/@TestCaseClassSetter_ao/test_setXunits.m	61 ---
.../ao/@TestCaseClassSetter_ao/test_setY.m	52 --
.../ao/@TestCaseClassSetter_ao/test_setYaxisName.m	36 --
.../ao/@TestCaseClassSetter_ao/test_setYunits.m	67 ---
.../ao/@TestCaseClassSetter_ao/test_setZ.m	55 ---
.../ao/@TestCaseClassSetter_ao/test_setZaxisName.m	47 --
.../ao/@TestCaseClassSetter_ao/test_setZunits.m	69 ---
.../TestCaseClassSignalPreProcessing_ao.m	48 --
.../test_downsample.m	65 ---
.../test_gapfilling.m	30 --
.../test_interp.m	161 -----
.../test_interpmissing.m	177 -----
.../test_resample.m	112 -----
.../test_spikecleaning.m	30 --
.../test_split_chunks.m	179 -----
.../test_split_frequencies.m	251 -----
.../test_split_offsets.m	239 -----
.../test_split_samples.m	156 -----
.../test_split_time_length.m	32 --
.../test_split_times.m	303 -----
.../test_split_timespan.m	32 --
.../test_upsample.m	92 -----
.../TestCaseClassSpectral_ao.m	29 --
.../ao/@TestCaseClass_ao/TestCaseClass_ao.m	327 -----
.../@TestCaseClass_ao/check_preservesDataShape.m	33 --
.../TestCaseClass_ltpda_filter.m	26 -
.../TestCaseClass_ltpda_obj.m	121 -----
.../base/@TestCaseClass_ltpda_obj/chkHistStep.m	20 -
.../base/@TestCaseClass_ltpda_obj/chkNumInEqOut.m	18 -
.../@TestCaseClass_ltpda_obj/chkNumInputEqOutput.m	19 -
.../base/@TestCaseClass_ltpda_obj/chkPropValue.m	115 -----
.../base/@TestCaseClass_ltpda_obj/chkRebuild.m	29 --
.../base/@TestCaseClass_ltpda_obj/chkX.m	23 -
.../base/@TestCaseClass_ltpda_obj/chkXY.m	5 -
.../base/@TestCaseClass_ltpda_obj/chkY.m	21 -
.../TestCaseClass_ltpda_tf.m	26 -
.../TestCaseClass_ltpda_uo.m	25 -
.../@TestCaseClass_ltpda_uo/test_constructorCopy.m	118 -----
.../test_constructorFromMAT.m	185 -----
.../test_constructorFromStruct.m	39 --
.../test_constructorFromXML.m	186 -----
.../test_constructorPlistFilename.m	107 -----
.../@TestCaseClass_ltpda_uo/test_setDescription.m	30 --
.../base/@TestCaseClass_ltpda_uo/test_setMdlfile.m	29 --
.../base/@TestCaseClass_ltpda_uo/test_setName.m	53 ---
.../TestCaseClass_ltpda_uoh.m	36 --
.../check_defaultListInput.m	15 -
.../check_defaultMatrixInput.m	15 -
.../check_defaultVectorInput.m	15 -
.../check_displayMethodInfo.m	21 -
.../base/@TestCaseClass_ltpda_uoh/check_getInfo.m	23 -
.../base/@TestCaseClass_ltpda_uoh/check_history.m	63 ---
.../@TestCaseClass_ltpda_uoh/check_modifyCall.m	63 ---
.../base/@TestCaseClass_ltpda_uoh/check_output.m	32 --
.../check_preservesPlotinfo.m	47 --
.../TestCaseClass_collection.m	92 -----
.../TestCaseClass_filterbank.m	91 -----
.../@TestCaseClass_matrix/TestCaseClass_matrix.m	92 -----
.../TestCaseClassSetter_mfh.m	47 --
.../test_setConstObjects.m	28 --
.../mfh/@TestCaseClass_mfh/TestCaseClass_mfh.m	116 -----
.../mfir/@TestCaseClass_mfir/TestCaseClass_mfir.m	91 -----
.../miir/@TestCaseClass_miir/TestCaseClass_miir.m	91 -----
.../@TestCaseClass_parfrac/TestCaseClass_parfrac.m	91 -----
.../pest/@TestCaseClass_pest/TestCaseClass_pest.m	91 -----
.../@TestCaseClass_pzmodel/TestCaseClass_pzmodel.m	91 -----
.../TestCaseClass_rational.m	91 -----
.../@TestCaseClass_smodel/TestCaseClass_smodel.m	91 -----
.../ssm/@TestCaseClass_ssm/TestCaseClass_ssm.m	91 -----
.../TestCaseClass_timespan.m	91 -----
.../ao/@TCM_LTPDA_Misc_ao/TCM_LTPDA_Misc_ao.m	20 -
.../test_ao_model_gaussian_pulse.m	5 -
.../test_ao_model_oscillator_sine.m	5 -
.../test_ao_model_oscillator_step.m	5 -
.../@TCM_LTPDA_Misc_ao/test_ao_model_padded_sine.m	4 -
.../test_ao_model_retrieve_in_timespan.m	9 -
.../ao/@TCM_LTPDA_Misc_ao/test_ao_model_sinewave.m	5 -

```

.../@TCM_LTPDA_Misc_ao/test_ao_model_squarewave.m | 5 -
.../ao/@TCM_LTPDA_Misc_ao/test_ao_model_step.m | 5 -
.../@TCM_LTPDA_Misc_ao/test_ao_model_whitenoise.m | 4 -
.../@TestCaseModelMain_ao/TestCaseModelMain_ao.m | 26 -
.../TestCaseModelMain_collection.m | 26 -
.../TestCaseModelMain_filterbank.m | 26 -
.../TestCaseModelMain_matrix.m | 26 -
.../@TestCaseModelMain_mfh/TestCaseModelMain_mfh.m | 26 -
.../TestCaseModelMain_mfir.m | 26 -
.../TestCaseModelMain_miir.m | 26 -
.../TestCaseModelMain_parfrac.m | 26 -
.../TestCaseModelMain_pest.m | 26 -
.../TestCaseModelMain_plist.m | 26 -
.../TestCaseModelMain_pzmodel.m | 26 -
.../TestCaseModelMain_rational.m | 26 -
.../TestCaseModelMain_smodel.m | 26 -
.../@TestCaseModelMain_ssm/TestCaseModelMain_ssm.m | 26 -
.../@TestCaseModelMain_ssm/check_descriptions.m | 46 --
.../TestCaseModelMain_timespan.m | 26 -
.../mfh/@TCM_LTPDA_Misc_mfh/TCM_LTPDA_Misc_mfh.m | 20 -
.../@TCM_LTPDA_Misc_mfh/test_mfh_model_delay_ts.m | 5 -
.../test_mfh_model_delayed_diff_ts.m | 5 -
.../test_mfh_model_delayed_filtered_ts.m | 5 -
.../@TCM_LTPDA_Misc_mfh/test_mfh_model_diff_ts.m | 4 -
.../@TCM_LTPDA_Misc_plist/TCM_LTPDA_Misc_plist.m | 20 -
.../test_plist_model_physical_constants.m | 4 -
.../@TCM_LTPDA_Misc_smodel/TCM_LTPDA_Misc_smodel.m | 20 -
.../test_smodel_model_oscillator_fd_tf.m | 4 -
.../test_smodel_model_oscillator_sine.m | 4 -
.../test_smodel_model_oscillator_step.m | 4 -
.../test_smodel_model_sinewave.m | 4 -
.../test_smodel_model_squarewave.m | 4 -
.../test_smodel_model_step.m | 4 -
.../ssm/@TCM_LTPDA_Misc_ssm/TCM_LTPDA_Misc_ssm.m | 20 -
.../test_ssm_model_HARMONIC_OSC_1D.m | 4 -
.../test_ssm_model_SIMPLE_PENDULUM.m | 4 -
.../ssm/@TCM_LTPDA_Misc_ssm/test_ssm_model_SMD.m | 4 -
294 files changed, 14437 deletions(-)

```

[2014-03-31 15:57:13 +0200][1ef51b3] Nikos
Update the MCMC class to accept mfh functions

```

m-toolbox/classes/@MCMC/MCMC.m | 79 +-----
1 file changed, 43 insertions(+), 36 deletions(-)

```

[2014-03-31 15:55:42 +0200][f2bcd24] Nikos
Added more plist keys here

```

m-toolbox/classes/@MCMC/getDefaultPlist.m | 16 +-----
1 file changed, 16 insertions(+)

```

[2014-03-31 15:55:24 +0200][0763d37] Nikos
The MCMC.calculateCovariance now support mfh models

```

m-toolbox/classes/@MCMC/calculateCovariance.m | 33 +-----
1 file changed, 23 insertions(+), 10 deletions(-)

```

[2014-03-31 15:54:56 +0200][93ab9a1] Nikos
Update of the preprocess function

```

m-toolbox/classes/@MCMC/preprocess.m | 11 +-----
1 file changed, 7 insertions(+), 4 deletions(-)

```

[2014-03-31 14:51:08 +0200][1d87c9d] Ingo Diepholz
The reference '#plist' doesn't work on linux. --> Remove this because it is nicer to see the top of the file as the bottom of the file.

```

m-toolbox/classes/+utils/@helper/displayConstructorExamples.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

[2014-03-31 11:09:42 +0200][8c11cf3] Mauro Hueller
Isolated the code section of makeToolbox that builds the documentation. Might be useful.

```

m-toolbox/makeDocumentation.m | 36 +-----

```

1 file changed, 36 insertions(+)

[2014-03-31 11:08:36 +0200] [04b3860] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-03-31 11:07:19 +0200] [63e3d12] Mauro Hueller
Minor update

m-toolbox/html_help/help/ug/ltpda_training_topic_1_3_content.html | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

[2014-03-31 11:06:52 +0200] [0fbd3b5] Mauro Hueller
Updated

.../ug/images/ltpda_training_1/topic1/iplot1.png | Bin 45119 -> 60156 bytes
.../ug/images/ltpda_training_1/topic1/iplot2.png | Bin 46476 -> 63087 bytes
.../ltpda_training_1/topic1/iplot_squarewave.png | Bin 40746 -> 50676 bytes
3 files changed, 0 insertions(+), 0 deletions(-)

[2014-03-30 15:20:33 +0200] [64e4b0a] Nikos
A temporary fix for the display of the mfh objects, when a content object is a structure

m-toolbox/classes/@mfh/display.m | 8 +++++++
1 file changed, 8 insertions(+)

[2014-03-28 17:36:31 +0100] [4302d08] Ingo Diepholz
Make sure that we keep the 'fs' for even sampled data. We get sometimes numerical errors with all the setX, collapseX stuff. This code exist already for splitting by 'times' --> I have added it to the other split types.

m-toolbox/classes/@ao/split.m | 30 ++++++-----
1 file changed, 29 insertions(+), 1 deletion(-)

[2014-03-28 17:29:18 +0100] [55533f0] Ingo Diepholz
Bug fix in split by interval for AOs with different data types than tsdata. The output name was wrong.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-28 16:32:38 +0100] [2c3ab1e] Ingo Diepholz
Bug fix: We can't use the MATLAB function cellstr to make sure that the 'names' are a cell-array because this function removes trailing blanks from the name. This is not nice for the OSST test data (ostt_raw_data) because there have all names a blank at the end.

m-toolbox/m/built_in_models/ao/ao_model_retrieve_in_timespan.m | 9 ++++++--
1 file changed, 8 insertions(+), 1 deletion(-)

[2014-03-28 10:20:31 +0100] [5c33bc9] Mauro Hueller
A little change in the way we display the objects.

m-toolbox/classes/@collection/display.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-03-27 18:21:56 +0100] [0010a50] Ingo Diepholz
Merge branch 'origin/Ingo/MANTIS/722_toSI_apply_on_axis_and_exceptionList' into 'development'

[2014-03-27 18:21:34 +0100] [05ad29e] Ingo Diepholz
Add the parameter 'exception list' for skipping conversion and 'axis' on which axis we apply the method.

m-toolbox/classes/@ao/toSI.m | 25 ++++++-----
1 file changed, 22 insertions(+), 3 deletions(-)

[2014-03-27 18:20:19 +0100] [fd25c86] Ingo Diepholz
Add exception list for skipping conversion.

m-toolbox/classes/@unit/toSI.m | 17 ++++++-----
1 file changed, 14 insertions(+), 3 deletions(-)

[2014-03-27 17:42:48 +0100][c600977] Ingo Diepholz
Merge branch 'origin/Ingo/MANTIS/726_timespan_join_merge' into 'development'

[2014-03-27 17:41:27 +0100][e96a092] Ingo Diepholz
New merge method which merge the input timespan objects to one output objects.

m-toolbox/classes/@timespan/merge.m | 90 +++++
1 file changed, 90 insertions(+)

[2014-03-27 14:41:42 +0100][19ed1c9] Ingo Diepholz
Merge branch 'origin/Ingo/MANTIS/731_iplot_not_showing_titles' into 'development'

[2014-03-27 14:40:51 +0100][6e3de86] Ingo Diepholz
Bug fix: We have forgotten in the fs_plot() sub-function to pass the default value for the titles to the parseOptions function.

m-toolbox/classes/@ao/iplot.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-27 12:33:31 +0100][67a3474] Nikos
Starting developing the LLH enhancement

../built_in_models/mfh/mfh_model_loglikelihood.m | 135 +++++
1 file changed, 135 insertions(+)

[2014-03-27 08:52:39 +0100][7934a53] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-03-27 08:52:31 +0100][856e3ab] Mauro Hueller
Let's be more clever here, in the case no weights are added. This is to avoid inversion errors later

m-toolbox/classes/@ao/lscov.m | 4 +++
1 file changed, 4 insertions(+)

[2014-03-26 19:06:43 +0100][ee23b2d] Nikos
Bug fix: the split function when is operation with 'offsets' it splits in seconds and not in samples. This caused the MFH models to break for other than sampling rate equal to one.

m-toolbox/m/built_in_models/mfh/mfh_model_fft_signals.m | 4 +--
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 15 +-----
2 files changed, 14 insertions(+), 5 deletions(-)

[2014-03-26 17:26:29 +0100][d143900] Ingo Diepholz
Add some comments and the static method getInfo()

../classes/@ltpda_algorithm/ltpda_algorithm.m | 64 +-----
1 file changed, 49 insertions(+), 15 deletions(-)

[2014-03-26 16:36:05 +0100][3d2c012] Ingo Diepholz
Call the function type() which displays the command on the command window for the users who haven't installed graphviz. And give them a link how they can install it.

m-toolbox/classes/@ltpda_uoh/viewHistory.m | 19 +-----
1 file changed, 17 insertions(+), 2 deletions(-)

[2014-03-26 16:11:32 +0100][51626b6] Ingo Diepholz
Bug fix: It is also necessary to forward also the PLIST to the A0 methods. (In a small different way)

m-toolbox/classes/@ltpda_container/wrapper.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-26 15:56:54 +0100][e880460] Mauro Hueller
Bug fix: we need to pass the user input plist to the inner method

m-toolbox/classes/@ltpda_container/wrapper.m | 2 +-
1 file changed, 2 insertions(+), 2 deletions(-)

1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-26 14:11:50 +0100][db02fb8] Ingo Diepholz
Bug fix: c(2) = collection() was broken. The built-in command for subsasgn is: A = subsasgn(A, S, B); Where 'A' is the input- AND output collection-object. But if we use the command: c(1) = collection(); then is 'c' pre-defined as an empty double. In this case tries MATLAB to convert the 'B' (a collection-object) into a double which doesn't work. That means we have to initialise the empty 'A' with an empty collection-object.

m-toolbox/classes/@collection/subsasgn.m | 15 ++++++-----
1 file changed, 14 insertions(+), 1 deletion(-)

[2014-03-26 13:41:51 +0100][35db636] Nikos
Merge branch 'development' into NK/mfh_experiments_fix

[2014-03-26 13:10:32 +0100][230f7c0] Ingo Diepholz
Remove function 'struct2obj' because the user should use the constructor to build from a structure a LTPDA object.

m-toolbox/classes/+utils/@helper/helper.m | 1 -
m-toolbox/classes/+utils/@helper/struct2obj.m | 57 -----
2 files changed, 58 deletions(-)

[2014-03-26 12:32:14 +0100][c05decbb] Nikos
Merge branch 'development' into NK/mfh_experiments_fix

[2014-03-26 12:27:37 +0100][33f993d] Mauro Hueller
Typo

m-toolbox/html_help/help/ug/ltpda_training_topic_1_2_content.html | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-26 12:26:35 +0100][24b8c6a] Mauro Hueller
Updating this so to be in-line with the content, functionality, and behavior of R2.8 of the Toolbox

.../help/ug/ltpda_training_topic_1_3_content.html | 34 ++++++-----
1 file changed, 19 insertions(+), 15 deletions(-)

[2014-03-26 12:26:22 +0100][f4d7f59] Mauro Hueller
Removed reference from removed GUIs

.../help/ug/ltpda_training_topic_1_3_content.html | 30 +-----
1 file changed, 1 insertion(+), 29 deletions(-)

[2014-03-26 12:25:20 +0100][c0b63cc] Mauro Hueller
More detailed linking to LTPDAprefs documentation page

m-toolbox/html_help/help/ug/ltpda_training_topic_1_2_content.html | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-03-26 12:21:10 +0100][92b572b] Mauro Hueller
Room for more content here

m-toolbox/html_help/help/ug/setup_content.html | 27 ++++++-----
1 file changed, 25 insertions(+), 2 deletions(-)

[2014-03-26 11:56:42 +0100][cc88423] Mauro Hueller
Removed figures that are no more used

.../images/ltpda_training_1/topic1/basic_history.png | Bin 8874 -> 0 bytes
.../ltpda_training_1/topic1/display_history_btn.png | Bin 6158 -> 0 bytes
.../images/ltpda_training_1/topic1/fromValues_pset.png | Bin 17502 -> 0 bytes
.../ltpda_training_1/topic1/launchbay_explorer.png | Bin 181223 -> 0 bytes
.../ug/images/ltpda_training_1/topic1/lwb_ao_1.png | Bin 66166 -> 0 bytes
.../ltpda_training_1/topic1/modifier_property.png | Bin 22009 -> 0 bytes
.../ug/images/ltpda_training_1/topic1/output_btns.png | Bin 15239 -> 0 bytes
.../ug/images/ltpda_training_1/topic1/sets_combo.png | Bin 28127 -> 0 bytes
.../images/ltpda_training_1/topic1/workbench_start.png | Bin 53251 -> 0 bytes
9 files changed, 0 insertions(+), 0 deletions(-)

[2014-03-26 11:24:04 +0100][96e0f47] Nikos
Merge branch 'development' into NK/mfh_experiments_fix

[2014-03-25 21:50:42 +0100][a7aba31] Mauro Hueller
Reduced quality

.../images/ltpda_training_1/topic1/dot_history.png | Bin 114852 -> 50810 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-25 21:50:15 +0100][a051159] Mauro Hueller
Removed the usage of history.plot since it is not in the LTPDA Toolbox anymore

.../help/ug/ltpda_training_topic_1_2_content.html | 42 ++++++-----
1 file changed, 31 insertions(+), 11 deletions(-)

[2014-03-25 21:49:44 +0100][5cf2543] Mauro Hueller
Minor

m-toolbox/html_help/help/ug/ltpda_training_topic_1_2_content.html | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-03-25 18:56:06 +0100][a7151bd] Mauro Hueller
Updated dot view output

.../images/ltpda_training_1/topic1/dot_history.png | Bin 29854 -> 114852 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-25 18:55:35 +0100][325c8db] Mauro Hueller
Removed the declaration of the plot method since it was removed

m-toolbox/classes/@history/history.m | 1 -
1 file changed, 1 deletion(-)

[2014-03-25 17:55:32 +0100][23cb22e] Ingo Diepholz
Update description

m-toolbox/classes/@ltpda_container/search.m | 13 ++++-----
m-toolbox/classes/@ltpda_uo/search.m | 4 ++--
2 files changed, 6 insertions(+), 11 deletions(-)

[2014-03-25 17:39:39 +0100][5ec180f] Ingo Diepholz
Small modifications: - Rename variable names - Update description - Use utils.helper.setoutputs()

m-toolbox/classes/@ltpda_uo/search.m | 61 ++++++-----
1 file changed, 25 insertions(+), 36 deletions(-)

[2014-03-25 17:37:53 +0100][3fc1651] Ingo Diepholz
It is necessary to capture the state of the warning because it might be that a collection contain a collection.

m-toolbox/classes/@ltpda_container/search.m | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

[2014-03-25 16:56:36 +0100][bc19dda] Ingo Diepholz
Remove debug output.

m-toolbox/classes/@ltpda_container/search.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-25 16:51:12 +0100][4420bab] Ingo Diepholz
Move the ao/search to the ltpda_uo class.

m-toolbox/classes/@ao/search.m | 158 -----
m-toolbox/classes/@ltpda_uo/search.m | 158 ++++++-----
2 files changed, 158 insertions(+), 158 deletions(-)

[2014-03-25 16:26:52 +0100][fd11af2] Ingo Diepholz
New search method for ltpda_container. But this is maybe not what we want.

```
m-toolbox/classes/@ltpda_container/search.m | 125 ++++++
1 file changed, 125 insertions(+)
```

```
-----
[2014-03-25 16:26:02 +0100][b3deacc] Ingo Diepholz
Add identifier for the warning.
```

```
m-toolbox/classes/@ao/search.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----
[2014-03-25 16:04:52 +0100][3c98604] Ingo Diepholz
This method was never defined as a static method of the @prog class. That means it was never possible to call this method (with the assumption that we never make an instance of utils.prog).
```

```
m-toolbox/classes/+utils/@prog/struct2obj.m | 39 -----
1 file changed, 39 deletions(-)
```

```
-----
[2014-03-25 15:34:51 +0100][6dcc412] Ingo Diepholz
Kind of bug fix: It is necessary that the ltpda_container object is the first input argument. This worked before because methodName (a String) doesn't have a method named wrapperEval. But it is safer to have the right order.
```

```
m-toolbox/classes/@collection/wrapperEval.m | 2 +-
m-toolbox/classes/@ltpda_container/wrapper.m | 2 +-
m-toolbox/classes/@matrix/wrapperEval.m      | 2 +-
3 files changed, 3 insertions(+), 3 deletions(-)
```

```
-----
[2014-03-25 15:29:00 +0100][7f7dc7c] Ingo Diepholz
Make the 'wrapper' method more flexible. At the moment can the wrapper/wrapperEval method call methods of the inner objects only with a PLIST as an input argument. But with this change is it possible to pass also the other input arguments (e.g. a String) of the ltpda_container method to the method of the inner objects.
```

```
m-toolbox/classes/@collection/wrapperEval.m | 6 +++--
m-toolbox/classes/@ltpda_container/wrapper.m | 22 +++++-----
m-toolbox/classes/@matrix/wrapperEval.m      | 6 +++--
3 files changed, 12 insertions(+), 22 deletions(-)
```

```
-----
[2014-03-25 15:22:42 +0100][f648ed4] Ingo Diepholz
Bug fix: Call the static method of the super class (here: getBuiltInModels) and not the super-super class.
```

```
m-toolbox/classes/@MCMC/MCMC.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
-----
[2014-03-25 14:39:07 +0100][a5a03a8] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development
```

```
-----
[2014-03-25 14:39:00 +0100][88c4d6b] Mauro Hueller
Typo
```

```
m-toolbox/html_help/help/createDocumentation/createDocumentation.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
-----
[2014-03-25 14:04:30 +0100][5da2568] Ingo Diepholz
This is a try to forward the variable name to the next method otherwise gets the method always the variable name 'obj'. But I'm not sure if my code work in each case. Let's hope for the best.
```

```
m-toolbox/classes/@collection/subsref.m | 26 ++++++-----
1 file changed, 14 insertions(+), 12 deletions(-)
```

```
-----
[2014-03-25 13:56:31 +0100][f996bd6] Ingo Diepholz
Small clean up and a essential bug fix: Each LTPDA class needs its own getInfo method. It is not possible to inherit this method.
```

```
.../classes/@ltpda_container/ltpda_container.m | 36 ++++++-----
1 file changed, 19 insertions(+), 17 deletions(-)
```

```
-----
[2014-03-25 11:53:41 +0100][ec8aa5f] Mauro Hueller
Updating this so to be in-line with the content, functionality, and behavior of R2.8 of the Toolbox
```

.../help/ug/ltpda_training_topic_1_2_content.html | 188 +++-----
1 file changed, 31 insertions(+), 157 deletions(-)

[2014-03-25 11:23:42 +0100][b078ca0] Mauro Hueller
Merge branch 'linear_fitters' into development

[2014-03-25 10:42:31 +0100][68ecc9e] Mauro Hueller
Updated test to deal with uncertainties in the base functions

m-toolbox/test/utis/test_linear_fitting.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-25 10:42:16 +0100][8e81f52] Mauro Hueller
Removed test

m-toolbox/test/utis/test_linear_fitting.m | 1 -
1 file changed, 1 deletion(-)

[2014-03-25 10:41:54 +0100][4962f2a] Mauro Hueller
Updated to deal with uncertainties in the base functions

m-toolbox/classes/@ao/lscov.m | 23 ++++++-----
1 file changed, 22 insertions(+), 1 deletion(-)

[2014-03-24 20:05:52 +0100][8270e71] Martin Hewitson
Some further work on making this more robust. Now we have a concept of the list of AOs that should be processed. Those which are skipped are just passed out, but with the history attached.

m-toolbox/classes/@ao/consolidate.m | 62 ++++++-----
1 file changed, 33 insertions(+), 29 deletions(-)

[2014-03-24 18:14:30 +0100][b676c59] Mauro Hueller
Merge branch 'development' into linear_fitters

[2014-03-24 12:50:40 +0100][959c82c] Ferran Gibert
Warning added

m-toolbox/classes/@ao/spikecleaning.m | 6 ++++-
1 file changed, 5 insertions(+), 1 deletion(-)

[2014-03-24 10:09:37 +0100][f3ec985] Nikos
Added sanity check missing here

m-toolbox/classes/@MCMC/simplex.m | 5 ++++
1 file changed, 5 insertions(+)

[2014-03-20 17:03:26 +0100][4a8a781] Nikos
cosmtics

m-toolbox/classes/@mfh/loglikelihood.m | 7 +++++-
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 9 ++++++
.../built_in_models/mfh/mfh_model_loglikelihood.m | 24 ++++++-----
3 files changed, 37 insertions(+), 3 deletions(-)

[2014-03-20 15:28:01 +0100][c4fcdcd2] Nikos
Merge branch 'development' into NK/mfh_experiments_fix

[2014-03-20 14:59:13 +0100][f1b64c1] Martin Hewitson
Add an ugly exception here to better support the capturing of context for our pipelines. Currently I don't see a better way to do this, but it needs more thinking and discussion.

m-toolbox/classes/@ltpda_uoh/addHistory.m | 20 ++++++-----
1 file changed, 18 insertions(+), 2 deletions(-)

[2014-03-20 14:58:34 +0100][fce54d7] Martin Hewitson
We really don't need this message at such a low level.

```
m-toolbox/classes/@ao/char.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-03-19 16:41:58 +0100][5f98d60] Nikos  
Plotting the abs of the signals
```

```
m-toolbox/classes/@MCMC/plotLogLikelihood.m | 9 +++++---  
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 4 ++--  
2 files changed, 8 insertions(+), 5 deletions(-)
```

```
-----  
[2014-03-19 14:53:36 +0100][200c627] Nikos  
fixed the A0 case
```

```
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 24 ++++++-----  
1 file changed, 17 insertions(+), 7 deletions(-)
```

```
-----  
[2014-03-19 14:45:07 +0100][e6a9c36] Nikos  
Typo fix
```

```
m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2014-03-19 14:42:26 +0100][99ecd8a] Nikos  
Enhancing the likelihood functions
```

```
m-toolbox/classes/@mfh/loglikelihood.m | 2 +-  
m-toolbox/classes/@mfh/loglikelihood_core.m | 30 ++++++-----  
2 files changed, 25 insertions(+), 7 deletions(-)
```

```
-----  
[2014-03-19 14:41:38 +0100][1a5ad39] Nikos  
Adopting the fisher function to recent changes
```

```
m-toolbox/classes/@mfh/fisher.m | 45 ++++++-----  
1 file changed, 27 insertions(+), 18 deletions(-)
```

```
-----  
[2014-03-19 14:20:41 +0100][642d561] Mauro Hueller  
Removed non-Unicode characters
```

```
m-toolbox/classes/@ao/toSI.m | 4 ++--  
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
-----  
[2014-03-19 12:59:41 +0100][d65f12f] Nikos  
Allowing more than one experiments to be analysed for the case of the mfh architecture.
```

```
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 35 ++++++-----  
.../built_in_models/mfh/mfh_model_loglikelihood.m | 40 ++++++-----  
2 files changed, 43 insertions(+), 32 deletions(-)
```

```
-----  
[2014-03-19 12:04:23 +0100][02c39db] Ingo Diepholz  
Merge branch 'origin/Ingo/MANTIS/719_remove_GUIs' into 'development'
```

```
-----  
[2014-03-19 06:16:15 +0100][4cfe859] Martin Hewitson  
Use scientific notation.
```

```
m-toolbox/classes/@pest/table.m | 4 ++--  
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
-----  
[2014-03-18 18:17:56 +0100][207e2e4] Nikos  
Another plist key to define the order of the polynomial
```

```
m-toolbox/classes/@MCMC/computeICSMatrix.m | 9 +++++---  
1 file changed, 7 insertions(+), 2 deletions(-)
```

```
-----  
[2014-03-18 15:57:53 +0100][62939c3] Ingo Diepholz  
Merge branch 'origin/master' into 'Ingo/MANTIS/719_remove_GUIs'
```

```
-----  
[2014-03-18 15:46:11 +0100][bf59149] Ingo Diepholz  
Remove screen output
```

```

.../classes/+utils/+gui/@QueryResultsTable/cb_retrieveObjectsFromTable.m | 1 -
m-toolbox/classes/@LTPDARepositoryQuery/cb_executeQuery.m | 1 -
2 files changed, 2 deletions(-)

```

```

-----
[2014-03-18 15:42:26 +0100][b2845c9] Ingo Diepholz
Update jar file.

```

```

src/MPipeline2/dist/MPipeline2.jar | Bin 3536603 -> 3535499 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

```

```

-----
[2014-03-18 15:41:45 +0100][efb6a7b] Ingo Diepholz
Update jar file.

```

```

src/MPipeline2/dist/MPipeline2.jar | Bin 3534504 -> 3536603 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

```

```

-----
[2014-03-18 15:41:34 +0100][de902b8] Ingo Diepholz
Use the new table model. This is necessary if the user make a query to a very huge repository and
the result is also huge. In the past it took to long time to build the complete table array. And
now we get only the results for the table we see.

```

```

.../repository/QueryResultsTableDialog.java | 50 +++-----
1 file changed, 5 insertions(+), 45 deletions(-)

```

```

-----
[2014-03-18 15:39:03 +0100][6c06e02] Ingo Diepholz
Add new table model class from the sqr-results

```

```

.../repository/QueryResultsTableModel.java | 102 ++++++
1 file changed, 102 insertions(+)

```

```

-----
[2014-03-18 14:05:17 +0100][9bbaa6a] Ingo Diepholz
Update jar file.

```

```

src/MPipeline2/dist/MPipeline2.jar | Bin 3531903 -> 3534504 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

```

```

-----
[2014-03-18 14:05:01 +0100][1ebcc1e] Ingo Diepholz
Update to the new constructor arguments.

```

```

.../+utils/+gui/@QueryResultsTable/cb_retrieveObjectsFromTable.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

```

-----
[2014-03-18 14:04:21 +0100][aa3abc3] Ingo Diepholz
Add constructor RepositoryRetrieveDialog(JDialog parent, boolean modal)

```

```

.../src/mpipeline/repository/RepositoryRetrieveDialog.java | 9 +++++-
1 file changed, 5 insertions(+), 4 deletions(-)

```

```

-----
[2014-03-18 14:04:03 +0100][e212a5a] Ingo Diepholz
Add constructor QueryResultsTableDialog(Frame parent, ...

```

```

.../repository/RepositoryQueryDialog.java | 27 ++++++
1 file changed, 25 insertions(+), 2 deletions(-)

```

```

-----
[2014-03-18 14:03:45 +0100][32aa2b2] Ingo Diepholz
Add constructor QueryResultsTableDialog(Frame parent, ...

```

```

.../repository/QueryResultsTableDialog.java | 31 ++++++
1 file changed, 27 insertions(+), 4 deletions(-)

```

```

-----
[2014-03-18 14:03:09 +0100][17652c7] Ingo Diepholz
Create for the RepositoryQueryDialog a own parent JFrame.

```

```

m-toolbox/classes/@LTPDARepositoryQuery/LTPDARepositoryQuery.m | 8 +++++-
1 file changed, 7 insertions(+), 1 deletion(-)

```

```

-----
[2014-03-18 14:02:08 +0100][4e02876] Ingo Diepholz
Add 'parent' as input argument.

```

```

m-toolbox/classes/@LTPDARespositoryQuery/cb_executeQuery.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-18 14:02:00 +0100] [596993f] Ingo Diepholz
Add 'parent' as input argument.

.../classes/+utils/+gui/@RepositoryRetrieve/RepositoryRetrieve.m | 8 +++----
1 file changed, 4 insertions(+), 4 deletions(-)

-----
[2014-03-18 14:01:05 +0100] [e2775d3] Ingo Diepholz
Return if the user has cancelled the action.

m-toolbox/classes/+utils/+gui/@RepositoryRetrieve/cb_guiClosed.m | 8 +++++--
1 file changed, 6 insertions(+), 2 deletions(-)

-----
[2014-03-18 14:00:32 +0100] [5c6d62e] Ingo Diepholz
Add 'parent' as input argument.

m-toolbox/classes/+utils/+gui/@QueryResultsTable/QueryResultsTable.m | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2014-03-18 10:35:09 +0100] [be8aa0a] Martin Hewitson
Bug fix: this tool expects one input, not two.

m-toolbox/classes/+utils/@repository/report.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-18 10:10:28 +0100] [797e9ab] Mauro Hueller
Don't run this test for the time being

m-toolbox/test/utils/test_linear_fitting.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-18 10:09:51 +0100] [3200664] Mauro Hueller
According to my understanding of Matlab's lscov and to my tests, this scaling is needed only in the
case the user did input weights or covariance.

m-toolbox/classes/@ao/lscov.m | 6 +++--
1 file changed, 4 insertions(+), 2 deletions(-)

-----
[2014-03-17 17:06:13 +0100] [205ff2c] Ingo Diepholz
Update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3531587 -> 3531903 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

-----
[2014-03-17 17:05:46 +0100] [2de09d1] Ingo Diepholz
Use a Vector-object instead an object array for the table model.

.../repository/QueryResultsTableDialog.java | 24 ++++++++-----
1 file changed, 17 insertions(+), 7 deletions(-)

-----
[2014-03-17 17:03:34 +0100] [611c148] Ingo Diepholz
Set the GUI invisible before we dispose it

src/MPipeline2/src/mpipeline/repository/RepositoryQueryDialog.java | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2014-03-17 17:01:57 +0100] [a285383] Ingo Diepholz
Update description

m-toolbox/classes/@LTPDARespositoryQuery/LTPDARespositoryQuery.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-17 17:01:45 +0100] [0d1f4fa] Ingo Diepholz
- Close connection - Update description

m-toolbox/classes/@LTPDARespositoryQuery/cb_guiClosed.m | 7 ++++--

```

1 file changed, 4 insertions(+), 3 deletions(-)

[2014-03-17 17:01:07 +0100][ab454db] Ingo Diepholz
Update description

.../+utils/+gui/@QueryResultsTable/cb_retrieveObjectsFromTable.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-17 17:00:56 +0100][32e10ae] Ingo Diepholz
First version of cb_executeQuery: callback for executing the query

.../@LTPDARepositoryQuery/cb_executeQuery.m | 23 ++++++
1 file changed, 23 insertions(+)

[2014-03-17 16:57:51 +0100][fbcd0bf] Ingo Diepholz
Add output

m-toolbox/classes/@LTPDAprefs/cb_guiClosed.m | 1 +
1 file changed, 1 insertion(+)

[2014-03-17 16:56:42 +0100][5445672] Ingo Diepholz
First version of the QueryResultsTable class

.../+utils/+gui/@QueryResultsTable/QueryResultsTable.m | 17 ++++++
1 file changed, 11 insertions(+), 6 deletions(-)

[2014-03-17 16:56:16 +0100][e29e4a3] Ingo Diepholz
First version of the cb_retrieveObjectsFromTable callback.

.../cb_retrieveObjectsFromTable.m | 25 ++++++
1 file changed, 23 insertions(+), 2 deletions(-)

[2014-03-17 16:55:45 +0100][068f492] Ingo Diepholz
Remove the connection and the results from the GUI so that the GUI doesn't have an anchor to MATLAB.

m-toolbox/classes/+utils/+gui/@QueryResultsTable/cb_guiClosed.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

[2014-03-17 16:54:30 +0100][fc30dca] Ingo Diepholz
cosmetics

m-toolbox/classes/+utils/+gui/@BaseGUI/cb_guiClosed.m | 3 +-
1 file changed, 1 insertion(+), 2 deletions(-)

[2014-03-17 16:53:39 +0100][c6ad455] Ingo Diepholz
New GUI for retrieving objects.

.../+gui/@RepositoryRetrieve/RepositoryRetrieve.m | 58 ++++++
.../+utils/+gui/@RepositoryRetrieve/cb_guiClosed.m | 144 ++++++
2 files changed, 202 insertions(+)

[2014-03-17 12:58:06 +0100][c62b93f] Ingo Diepholz
Add dummy for callback.

.../+gui/@QueryResultsTable/cb_retrieveObjectsFromTable.m | 13 ++++++
1 file changed, 13 insertions(+)

[2014-03-17 12:12:29 +0100][ba963bf] Ingo Diepholz
First start of a query result table GUI.

.../+gui/@QueryResultsTable/QueryResultsTable.m | 49 ++++++
.../+utils/+gui/@QueryResultsTable/cb_guiClosed.m | 24 ++++++
2 files changed, 73 insertions(+)

[2014-03-17 12:03:19 +0100][ac71c70] Ingo Diepholz
Add description for the properties.

m-toolbox/classes/+utils/+gui/@BaseGUI/BaseGUI.m | 8 ++++----

1 file changed, 4 insertions(+), 4 deletions(-)

[2014-03-17 11:56:06 +0100][dfef06d] Ingo Diepholz
Call super class: cb_guiClosed@utils.gui.BaseGUI(varargin{:})

m-toolbox/classes/@LTPDARespositoryQuery/cb_guiClosed.m | 14 +++++-----
1 file changed, 6 insertions(+), 8 deletions(-)

[2014-03-17 11:55:15 +0100][4b774ad] Ingo Diepholz
Derive from utils.gui.BaseGUI

.../@LTPDARespositoryQuery/LTPDARespositoryQuery.m | 35 ++++++-----
1 file changed, 12 insertions(+), 23 deletions(-)

[2014-03-17 11:53:44 +0100][12def95] Ingo Diepholz
Create a base class for GUIs.

m-toolbox/classes/+utils/+gui/@BaseGUI/BaseGUI.m | 76 ++++++
.../classes/+utils/+gui/@BaseGUI/cb_guiClosed.m | 32 ++++++
2 files changed, 108 insertions(+)

[2014-03-17 10:20:51 +0100][a12ea60] Martin Hewitson
Collect the results of indexing to allow for index vectors.

m-toolbox/classes/@collection/getObjectAtIndex.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-03-17 10:19:17 +0100][d30c78d] Martin Hewitson
remove some debug output.

m-toolbox/classes/@ao/iplot.m | 2 --
1 file changed, 2 deletions(-)

[2014-03-14 17:31:01 +0100][a28f32f] Mauro Hueller
Cosmetics

m-toolbox/classes/@ao/lscov.m | 1 +
1 file changed, 1 insertion(+)

[2014-03-14 14:51:24 +0100][31e3d4d] Mauro Hueller
Test modified

m-toolbox/test/utils/test_linear_fitting.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-14 14:51:04 +0100][bdfe6a2] Mauro Hueller
Added explicit calculation of chi2. Ensure we scale properly the errors and the covariance

m-toolbox/classes/@ao/lscov.m | 48 ++++++
1 file changed, 44 insertions(+), 4 deletions(-)

[2014-03-13 15:12:12 +0100][ac8b1a9] Ingo Diepholz
Update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3531491 -> 3531587 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-13 15:12:03 +0100][9f11b7b] Ingo Diepholz
Add setter for 'repoConnection'

src/MPipeline2/src/mpipeline/repository/RepositoryQueryDialog.java | 5 ++++
1 file changed, 5 insertions(+)

[2014-03-13 15:10:23 +0100][ef542b9] Ingo Diepholz
Add callback for executing the query

.../@LTPDARespositoryQuery/LTPDARespositoryQuery.m | 18 +++++-----
1 file changed, 5 insertions(+), 13 deletions(-)


```

-----
[2014-03-13 15:06:55 +0100][2b614e2] Ingo Diepholz
Add callback method.

m-toolbox/classes/@LTPDARespositoryQuery/cb_executeQuery.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

-----
[2014-03-13 15:06:49 +0100][e1453b6] Ingo Diepholz
Add callback method.

.../classes/@LTPDARespositoryQuery/cb_guiClosed.m | 26 ++++++
1 file changed, 26 insertions(+)

-----
[2014-03-13 14:25:19 +0100][47ba6ce] Ingo Diepholz
Merge branch 'origin/development' into 'Ingo/MANTIS/719_remove_GUIs'

-----
[2014-03-13 14:24:31 +0100][4851b03] Ingo Diepholz
Merge branch 'origin/Ingo/Prefs_callback_timezone_timeformat' into 'development'

-----
[2014-03-13 14:23:56 +0100][e801a4e] Ingo Diepholz
I have forgotten to remove the callbacks from the GUI. This is safer when we destroy the object
(GUI)

m-toolbox/classes/@LTPDAPrefs/cb_guiClosed.m | 20 ++++++
1 file changed, 19 insertions(+), 1 deletion(-)

-----
[2014-03-13 14:23:08 +0100][2589440] Ingo Diepholz
small changes in the part where we add the callbacks.

m-toolbox/classes/@LTPDAPrefs/LTPDAPrefs.m | 20 ++++++
1 file changed, 8 insertions(+), 12 deletions(-)

-----
[2014-03-13 14:21:50 +0100][91fe9c3] Ingo Diepholz
Add the class @LTPDARespositoryQuery for installation.

m-toolbox/makeToolbox.m | 1 +
1 file changed, 1 insertion(+)

-----
[2014-03-13 14:21:11 +0100][0cb86f9] Ingo Diepholz
Start of a LTPDA repository query GUI.

.../@LTPDARespositoryQuery/LTPDARespositoryQuery.m | 71 ++++++
1 file changed, 71 insertions(+)

-----
[2014-03-13 13:10:48 +0100][e245133] Ingo Diepholz
It wasn't really clear to me how to specify 'f' and 'q'. I have added a comma to separate the
values.

m-toolbox/m/gui/pzmodel_designer/pzmodel_helper.m | 4 +--
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2014-03-13 10:52:36 +0100][6d416b7] Mauro Hueller
Cosmetics

m-toolbox/classes/+utils/@math/linfit.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

-----
[2014-03-13 10:24:55 +0100][9d03052] Mauro Hueller
Bug fix in results display

m-toolbox/test/utils/test_linear_fitting.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-03-13 10:18:16 +0100][f7e4a40] Mauro Hueller
Added some reporting

m-toolbox/test/utils/test_linear_fitting.m | 16 ++++++
1 file changed, 14 insertions(+), 2 deletions(-)

```

[2014-03-12 17:31:11 +0100][d798053] Ingo Diepholz
Remove graphical helper tool for creating LTPDA scripts (LTPDAHelper) because of MANTIS issue 719.

```
m-toolbox/classes/@LTPDAHelper/LTPDAHelper.m | 86 -----  
m-toolbox/classes/@LTPDAHelper/cb_guiClosed.m | 25 -----  
.../classes/@LTPDAHelper/generateFunctionList.m | 51 -----  
m-toolbox/classes/@LTPDAHelper/uploadFunctions.m | 12 ---  
4 files changed, 174 deletions(-)
```

[2014-03-12 15:44:54 +0100][319af3d] Ingo Diepholz
Remove installing the 'pipelines' for the LTPDA workbench

```
m-toolbox/makeToolbox.m | 3 ---  
1 file changed, 3 deletions(-)
```

[2014-03-12 15:36:16 +0100][ec03443] Ingo Diepholz
Update description.

```
m-toolbox/classes/@specwinViewer/cb_mainfigClose.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-03-12 15:34:03 +0100][911c9cf] Ingo Diepholz
Remove graphical interface for interacting with an LTPDA repository (repogui) because of MANTIS issue 719.

```
m-toolbox/classes/@repogui/buildConditions.m | 326 -----  
m-toolbox/classes/@repogui/buildConnectPanel.m | 130 -----  
m-toolbox/classes/@repogui/buildHLQPanel.m | 344 -----  
m-toolbox/classes/@repogui/buildMainFig.m | 114 -----  
m-toolbox/classes/@repogui/buildQueryPanel.m | 13 -  
m-toolbox/classes/@repogui/buildRetrievePanel.m | 119 -----  
m-toolbox/classes/@repogui/buildSubmitPanel.m | 334 -----  
m-toolbox/classes/@repogui/buildquery.m | 102 -----  
m-toolbox/classes/@repogui/cb_condPlusBtn.m | 21 -  
m-toolbox/classes/@repogui/cb_condSubtractBtn.m | 21 -  
m-toolbox/classes/@repogui/cb_connect.m | 95 -----  
m-toolbox/classes/@repogui/cb_executeQuery.m | 71 ---  
m-toolbox/classes/@repogui/cb_fieldSelect.m | 28 ---  
m-toolbox/classes/@repogui/cb_get_dbs.m | 130 -----  
m-toolbox/classes/@repogui/cb_importBtn.m | 160 -----  
m-toolbox/classes/@repogui/cb_mainfigClose.m | 26 ---  
m-toolbox/classes/@repogui/cb_refresh0bjsList.m | 16 -  
m-toolbox/classes/@repogui/cb_saveBtn.m | 155 -----  
m-toolbox/classes/@repogui/cb_select_db.m | 23 -  
m-toolbox/classes/@repogui/cb_select_repo.m | 24 -  
m-toolbox/classes/@repogui/cb_submit.m | 86 -----  
m-toolbox/classes/@repogui/cb_tabChanged.m | 37 ---  
m-toolbox/classes/@repogui/cb_tableSelect.m | 35 ---  
m-toolbox/classes/@repogui/cb_treogui.m | 335 -----  
m-toolbox/classes/@repogui/cb_workspace0bjsList.m | 35 ---  
m-toolbox/classes/@repogui/createTable.m | 497 -----  
.../@repogui/exp_struct_icons/analysis_object.gif | Bin 82 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/c_data.gif | Bin 78 -> 0 bytes  
.../@repogui/exp_struct_icons/cell_icon.gif | Bin 80 -> 0 bytes  
.../@repogui/exp_struct_icons/char_icon.gif | Bin 83 -> 0 bytes  
.../@repogui/exp_struct_icons/double_icon.gif | Bin 192 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/fs_data.gif | Bin 81 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/history.gif | Bin 79 -> 0 bytes  
.../@repogui/exp_struct_icons/logic_icon.gif | Bin 79 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/obj_icon.gif | Bin 82 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/plist.gif | Bin 82 -> 0 bytes  
.../@repogui/exp_struct_icons/struct_icon.gif | Bin 79 -> 0 bytes  
.../@repogui/exp_struct_icons/structarray_icon.gif | Bin 79 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/ts_data.gif | Bin 82 -> 0 bytes  
.../@repogui/exp_struct_icons/unknown_icon.gif | Bin 78 -> 0 bytes  
.../classes/@repogui/exp_struct_icons/xy_data.gif | Bin 84 -> 0 bytes  
m-toolbox/classes/@repogui/getFields.m | 31 ---  
m-toolbox/classes/@repogui/getTables.m | 24 -  
m-toolbox/classes/@repogui/getWorkspace0bjs.m | 22 -  
m-toolbox/classes/@repogui/repogui.m | 107 -----  
m-toolbox/classes/@repogui/sqlResultsGUI.m | 151 -----  
46 files changed, 3612 deletions(-)
```

[2014-03-12 15:33:33 +0100][bf43d1f] Ingo Diepholz

Remove graphical interface for interacting with an LTPDA repository (repogui2) because of MANTIS issue 719.

```
m-toolbox/classes/@repogui2/buildConditions.m | 327 -----
m-toolbox/classes/@repogui2/buildConnectPanel.m | 123 -----
m-toolbox/classes/@repogui2/buildMainFig.m | 117 -----
m-toolbox/classes/@repogui2/buildQueryPanel.m | 13 -
m-toolbox/classes/@repogui2/buildRetrievePanel.m | 119 -----
m-toolbox/classes/@repogui2/buildSubmitPanel.m | 289 -----
m-toolbox/classes/@repogui2/buildquery.m | 91 -----
m-toolbox/classes/@repogui2/cb_condPlusBtn.m | 21 --
m-toolbox/classes/@repogui2/cb_condSubtractBtn.m | 21 --
m-toolbox/classes/@repogui2/cb_connect.m | 69 -----
m-toolbox/classes/@repogui2/cb_executeQuery.m | 52 -----
m-toolbox/classes/@repogui2/cb_fieldSelect.m | 28 --
m-toolbox/classes/@repogui2/cb_get_dbs.m | 104 -----
m-toolbox/classes/@repogui2/cb_importBtn.m | 152 -----
m-toolbox/classes/@repogui2/cb_mainfigClose.m | 26 --
m-toolbox/classes/@repogui2/cb_refreshObjsList.m | 16 -
m-toolbox/classes/@repogui2/cb_saveBtn.m | 155 -----
m-toolbox/classes/@repogui2/cb_select_db.m | 23 --
m-toolbox/classes/@repogui2/cb_select_repo.m | 24 --
m-toolbox/classes/@repogui2/cb_submit.m | 62 -----
m-toolbox/classes/@repogui2/cb_tabChanged.m | 21 --
m-toolbox/classes/@repogui2/cb_tableSelect.m | 35 -----
m-toolbox/classes/@repogui2/cb_workspaceObjsList.m | 35 -----
m-toolbox/classes/@repogui2/getFields.m | 31 --
m-toolbox/classes/@repogui2/getTables.m | 24 --
m-toolbox/classes/@repogui2/getWorkspaceObjs.m | 22 --
m-toolbox/classes/@repogui2/repogui2.m | 102 -----
m-toolbox/classes/@repogui2/setWorkspaceObjsList.m | 20 --
m-toolbox/classes/@repogui2/sqlResultsGUI.m | 154 -----
29 files changed, 2276 deletions(-)
```

[2014-03-12 15:26:42 +0100][ff02580] Ingo Diepholz
Remove ltpda_constructor_helper because of MANTIS issue 719.

```
.../constructor_helper/ltpda_constructor_helper.m | 145 -----
.../ltpda_constructor_helper_build.m | 42 -----
.../ltpda_constructor_helper_buildParams.m | 20 ---
.../ltpda_constructor_helper_class.m | 28 ----
.../ltpda_constructor_helper_sets.m | 25 ----
5 files changed, 260 deletions(-)
```

[2014-03-12 15:02:34 +0100][b6b013c] Ingo Diepholz
Remove LTPDA Workspace Browser (workspaceBrowser) because of MANTIS issue 719. The method cb_query() remains because we have to create from this callback function a stand-alone GUI.

```
.../classes/@workspaceBrowser/cb_buildModel.m | 125 -----
m-toolbox/classes/@workspaceBrowser/cb_display.m | 23 ----
m-toolbox/classes/@workspaceBrowser/cb_explore.m | 31 -----
m-toolbox/classes/@workspaceBrowser/cb_guiClosed.m | 27 ----
m-toolbox/classes/@workspaceBrowser/cb_plot.m | 33 -----
.../classes/@workspaceBrowser/cb_plothistory.m | 31 -----
.../classes/@workspaceBrowser/cb_repoManager.m | 11 --
m-toolbox/classes/@workspaceBrowser/cb_retrieve.m | 23 ----
m-toolbox/classes/@workspaceBrowser/cb_submit.m | 51 -----
.../classes/@workspaceBrowser/getSelectedObjects.m | 28 ----
.../@workspaceBrowser/getSelectedVarNames.m | 20 ---
.../@workspaceBrowser/retrieveObjectsFromDialog.m | 132 -----
.../classes/@workspaceBrowser/workspaceBrowser.m | 141 -----
13 files changed, 676 deletions(-)
```

[2014-03-12 14:50:25 +0100][84cc848] Ingo Diepholz
Remove 'sigBuilder' and 'constructor' from installing.

```
m-toolbox/makeToolbox.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-03-12 14:48:41 +0100][53ec326] Ingo Diepholz
Remove LTPDAworkbench from makeToolbox.

```
m-toolbox/makeToolbox.m | 7 -----
1 file changed, 7 deletions(-)
```

[2014-03-12 14:42:34 +0100][4cb8217] Ingo Diepholz
Change comment of the 'mdlfile' property

m-toolbox/classes/@ltpda_uo/ltpda_uo.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-12 14:42:11 +0100][f6d7eaf] Ingo Diepholz
Remove pipelines for the LTPDA workbench.

m-toolbox/test/LTPDA_training/ifo_temp.lwb	3469 -----
m-toolbox/test/LTPDA_training/topic_2.lwb	1582 -----
m-toolbox/test/LTPDA_training/topic_3.lwb	988 -----
m-toolbox/test/LTPDA_training/topic_4_bandpass.lwb	190 --
4 files changed, 6229 deletions(-)	

[2014-03-12 14:32:25 +0100][06ea052] Ingo Diepholz
Remove pipelines for the LTPDA workbench.

m-toolbox/test/MPipeline/LTPDAworkbench_intro.pdf	Bin 177534 -> 0 bytes
m-toolbox/test/MPipeline/example_1.lwb	11279 -----
m-toolbox/test/MPipeline/mdc1_tdcalf.lwb	3202 -----
m-toolbox/test/MPipeline/ssmtest.lwb	1840 -----
m-toolbox/test/MPipeline/test_1.m	44 -
m-toolbox/test/MPipeline/test_2.m	76 -
6 files changed, 16441 deletions(-)	

[2014-03-12 14:31:39 +0100][b1e9693] Ingo Diepholz
Remove pipelines for the LTPDA workbench.

m-toolbox/test/pipelines/example_1.lwb	250 -----
m-toolbox/test/pipelines/example_2.lwb	358 -----
m-toolbox/test/pipelines/test_abs.lwb	77 ---
m-toolbox/test/pipelines/test_ao_bilinfilt.lwb	644 -----
m-toolbox/test/pipelines/test_ao_conj.lwb	144 -----
m-toolbox/test/pipelines/test_ao_ctranspose.lwb	65 ---
m-toolbox/test/pipelines/test_ao_detrend.lwb	165 -----
m-toolbox/test/pipelines/test_ao_downsample.lwb	131 -----
m-toolbox/test/pipelines/test_ao_fft.lwb	181 -----
m-toolbox/test/pipelines/test_ao_find.lwb	121 -----
m-toolbox/test/pipelines/test_ao_interp.lwb	164 -----
m-toolbox/test/pipelines/test_ao_mean.lwb	149 -----
m-toolbox/test/pipelines/test_ao_polyfit.lwb	294 -----
m-toolbox/test/pipelines/test_ao_psd.lwb	135 -----
m-toolbox/test/pipelines/test_ao_resample.lwb	172 -----
m-toolbox/test/pipelines/test_ao_split.lwb	82 ---
m-toolbox/test/pipelines/test_ao_split_freq.lwb	109 -----
m-toolbox/test/pipelines/test_ao_tfe.lwb	147 -----
m-toolbox/test/pipelines/test_ao_xcorr.lwb	229 -----
m-toolbox/test/pipelines/test_fir_filtering.lwb	371 -----
m-toolbox/test/pipelines/test_iir_filtering.lwb	164 -----
m-toolbox/test/pipelines/test_lincom_data.lwb	156 -----
m-toolbox/test/pipelines/test_lpsd.lwb	121 -----
23 files changed, 4429 deletions(-)	

[2014-03-12 14:27:23 +0100][bcddd9d] Ingo Diepholz
Remove LTPDA Workbench (LTPDAworkbench) because of MANTIS issue 719.

m-toolbox/classes/@LTPDAworkbench/LTPDAworkbench.m	408 -----
m-toolbox/classes/@LTPDAworkbench/addBlock.m	37 --
m-toolbox/classes/@LTPDAworkbench/addBlockInput.m	10 -
.../classes/@LTPDAworkbench/addErrorMessage.m	7 -
m-toolbox/classes/@LTPDAworkbench/addMessage.m	7 -
.../classes/@LTPDAworkbench/addWarningMessage.m	7 -
m-toolbox/classes/@LTPDAworkbench/appendParam.m	30 --
m-toolbox/classes/@LTPDAworkbench/appendPlist.m	27 --
m-toolbox/classes/@LTPDAworkbench/cb_applyprefs.m	11 -
m-toolbox/classes/@LTPDAworkbench/cb_blockdoc.m	40 --
.../classes/@LTPDAworkbench/cb_changeVerbosity.m	16 -
m-toolbox/classes/@LTPDAworkbench/cb_display.m	42 --
m-toolbox/classes/@LTPDAworkbench/cb_executePlan.m	53 ---
m-toolbox/classes/@LTPDAworkbench/cb_explore.m	12 -
.../classes/@LTPDAworkbench/cb_export2mfile.m	18 -
.../classes/@LTPDAworkbench/cb_export2terminal.m	12 -
m-toolbox/classes/@LTPDAworkbench/cb_exportWS.m	71 ---
m-toolbox/classes/@LTPDAworkbench/cb_guiClosed.m	40 --
.../classes/@LTPDAworkbench/cb_importFromMfile.m	42 --

```

.../@LTPDAworkbench/cb_importFromWorkspace.m | 12 -
.../@LTPDAworkbench/cb_importWBfromObjects.m | 108 -----
.../classes/@LTPDAworkbench/cb_launchConstructor.m | 8 -
.../@LTPDAworkbench/cb_launchLTPDApreferences.m | 8 -
.../classes/@LTPDAworkbench/cb_launchRepogui.m | 8 -
.../classes/@LTPDAworkbench/cb_launchSigBuilder.m | 8 -
.../@LTPDAworkbench/cb_launchSpecwinViewer.m | 8 -
.../@LTPDAworkbench/cb_openRepoManagerGUI.m | 11 -
m-toolbox/classes/@LTPDAworkbench/cb_plot.m | 12 -
m-toolbox/classes/@LTPDAworkbench/cb_plotHistory.m | 12 -
.../classes/@LTPDAworkbench/cb_queryRepository.m | 9 -
.../classes/@LTPDAworkbench/cb_rebuildLibrary.m | 18 -
m-toolbox/classes/@LTPDAworkbench/cb_report.m | 53 ---
m-toolbox/classes/@LTPDAworkbench/cb_reset.m | 11 -
m-toolbox/classes/@LTPDAworkbench/cb_runPipeline.m | 11 -
m-toolbox/classes/@LTPDAworkbench/cb_saveObjects.m | 63 ---
m-toolbox/classes/@LTPDAworkbench/cb_skipForward.m | 11 -
.../classes/@LTPDAworkbench/cb_stepBackwards.m | 12 -
m-toolbox/classes/@LTPDAworkbench/cb_stepForward.m | 12 -
.../classes/@LTPDAworkbench/cb_submitObjects.m | 63 ---
m-toolbox/classes/@LTPDAworkbench/cb_table.m | 59 ---
.../classes/@LTPDAworkbench/clearBlockVariables.m | 29 --
m-toolbox/classes/@LTPDAworkbench/close.m | 10 -
m-toolbox/classes/@LTPDAworkbench/cmds2pipeline.m | 358 -----
m-toolbox/classes/@LTPDAworkbench/connectBlocks.m | 10 -
m-toolbox/classes/@LTPDAworkbench/downloadPlist.m | 14 -
.../classes/@LTPDAworkbench/executeCommands.m | 19 -
.../classes/@LTPDAworkbench/executeConstants.m | 43 --
.../classes/@LTPDAworkbench/executeReadyBlocks.m | 20 -
m-toolbox/classes/@LTPDAworkbench/explore.m | 51 ---
m-toolbox/classes/@LTPDAworkbench/export.m | 45 --
m-toolbox/classes/@LTPDAworkbench/fromM.m | 32 --
m-toolbox/classes/@LTPDAworkbench/fromXML.m | 11 -
m-toolbox/classes/@LTPDAworkbench/getBlockByName.m | 10 -
m-toolbox/classes/@LTPDAworkbench/getWS_VarName.m | 10 -
m-toolbox/classes/@LTPDAworkbench/getwbh.m | 18 -
m-toolbox/classes/@LTPDAworkbench/jpl2mpl.m | 88 ---
m-toolbox/classes/@LTPDAworkbench/lib.mat | Bin 745323 -> 0 bytes
m-toolbox/classes/@LTPDAworkbench/minfo2algo.m | 32 --
m-toolbox/classes/@LTPDAworkbench/moveBlock.m | 10 -
m-toolbox/classes/@LTPDAworkbench/mp12jpl.m | 69 ---
m-toolbox/classes/@LTPDAworkbench/newPipeline.m | 21 -
m-toolbox/classes/@LTPDAworkbench/objs2pipeline.m | 21 -
m-toolbox/classes/@LTPDAworkbench/parse.m | 111 -----
m-toolbox/classes/@LTPDAworkbench/parseBlocks.m | 505 -----
m-toolbox/classes/@LTPDAworkbench/parseCmd.m | 97 ----
.../classes/@LTPDAworkbench/parseReadyBlocks.m | 14 -
m-toolbox/classes/@LTPDAworkbench/plot.m | 66 ---
m-toolbox/classes/@LTPDAworkbench/plotHistory.m | 62 ---
m-toolbox/classes/@LTPDAworkbench/rebuildLibrary.m | 232 -----
m-toolbox/classes/@LTPDAworkbench/refreshLibrary.m | 9 -
m-toolbox/classes/@LTPDAworkbench/reset.m | 34 --
m-toolbox/classes/@LTPDAworkbench/run.m | 122 -----
m-toolbox/classes/@LTPDAworkbench/runPipeline.m | 54 ---
m-toolbox/classes/@LTPDAworkbench/save.m | 18 -
m-toolbox/classes/@LTPDAworkbench/setBlockColor.m | 10 -
m-toolbox/classes/@LTPDAworkbench/setParam.m | 21 -
m-toolbox/classes/@LTPDAworkbench/skipForward.m | 13 -
m-toolbox/classes/@LTPDAworkbench/stepBackwards.m | 11 -
m-toolbox/classes/@LTPDAworkbench/stepForward.m | 17 -
m-toolbox/classes/@LTPDAworkbench/uploadPlist.m | 17 -
80 files changed, 3741 deletions(-)

```

[2014-03-12 14:22:47 +0100][3e28c31] Ingo Diepholz
Remove graphical user interface for viewing the built-in A0- and SSM-models (modelViewer) because
of MANTIS issue 719.

```

m-toolbox/classes/@modelViewer/buildMainfig.m | 211 -----
m-toolbox/classes/@modelViewer/buildObject.m | 33 ----
m-toolbox/classes/@modelViewer/buildParamsPanel.m | 158 -----
m-toolbox/classes/@modelViewer/cb_buildModel.m | 30 ---
m-toolbox/classes/@modelViewer/cb_mainfigClose.m | 19 --
m-toolbox/classes/@modelViewer/cb_selectModel.m | 45 ----
.../classes/@modelViewer/cb_selectModelType.m | 25 ---
m-toolbox/classes/@modelViewer/cb_typeModel.m | 12 --
.../classes/@modelViewer/getParamsFromPanel.m | 65 -----
m-toolbox/classes/@modelViewer/modelViewer.m | 53 -----
10 files changed, 651 deletions(-)

```

[2014-03-12 14:20:16 +0100][e7c84d2] Ingo Diepholz
Bug fix: Copy-past error. Delete 'ans' if 'ans' is a specwinViewer.object.

m-toolbox/classes/@specwinViewer/cb_mainfigClose.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-03-12 14:15:15 +0100][d60f483] Ingo Diepholz
Remove graphical user interface for launching the various built in GUIs in LTPDA (launchBay) because of MANTIS issue 719.

m-toolbox/classes/@launchBay/LPFlogo.gif	Bin 56081 -> 0 bytes
m-toolbox/classes/@launchBay/buildMainfig.m	100 ----
m-toolbox/classes/@launchBay/cb_mainfigClose.m	19 --
m-toolbox/classes/@launchBay/constructor.graffle	576 -----
m-toolbox/classes/@launchBay/constructor.png	Bin 13291 -> 0 bytes
m-toolbox/classes/@launchBay/images/LPFlogo.jpg	Bin 332219 -> 0 bytes
m-toolbox/classes/@launchBay/images/ltpda_blue.jpg	Bin 199944 -> 0 bytes
m-toolbox/classes/@launchBay/launchBay.jar	Bin 56031 -> 0 bytes
m-toolbox/classes/@launchBay/launchBay.m	46 --
m-toolbox/classes/@launchBay/ltpdaprefs.graffle	593 -----
m-toolbox/classes/@launchBay/ltpdaprefs.png	Bin 13920 -> 0 bytes
m-toolbox/classes/@launchBay/ltpdv.graffle	560 -----
m-toolbox/classes/@launchBay/ltpdv.png	Bin 12545 -> 0 bytes
m-toolbox/classes/@launchBay/modelViewer.graffle	585 -----
m-toolbox/classes/@launchBay/modelViewer.png	Bin 14197 -> 0 bytes
.../classes/@launchBay/pzmodeldesigner.graffle	603 -----
m-toolbox/classes/@launchBay/pzmodeldesigner.png	Bin 13943 -> 0 bytes
m-toolbox/classes/@launchBay/quicklook.graffle	572 -----
m-toolbox/classes/@launchBay/quicklook.png	Bin 13339 -> 0 bytes
m-toolbox/classes/@launchBay/repogui.graffle	593 -----
m-toolbox/classes/@launchBay/repogui.png	Bin 14127 -> 0 bytes
m-toolbox/classes/@launchBay/sigBuilder.graffle	598 -----
m-toolbox/classes/@launchBay/sigBuilder.png	Bin 14019 -> 0 bytes
m-toolbox/classes/@launchBay/specwinViewer.graffle	588 -----
m-toolbox/classes/@launchBay/specwinViewer.png	Bin 14500 -> 0 bytes

25 files changed, 5433 deletions(-)

[2014-03-12 14:11:32 +0100][585e25c] Ingo Diepholz
Remove graphical user interface for building LTPDA objects (constructor) because of MANTIS issue 719.

m-toolbox/classes/@constructor/buildMainfig.m	202 -----
m-toolbox/classes/@constructor/buildObj.m	35 ----
m-toolbox/classes/@constructor/cb_mainfigClose.m	15 --
m-toolbox/classes/@constructor/cb_selectClass.m	21 ---
m-toolbox/classes/@constructor/cb_selectSet.m	27 ---
m-toolbox/classes/@constructor/constructor.m	44 -----

6 files changed, 344 deletions(-)

[2014-03-12 14:08:16 +0100][6854203] Ingo Diepholz
Remove graphical user interface for building signals (sigBuilder) because of MANTIS issue 719.

m-toolbox/classes/@sigBuilder/buildMainfig.m	372 -----
m-toolbox/classes/@sigBuilder/buildSignal.m	18 -
m-toolbox/classes/@sigBuilder/cb_addAll.m	18 -
m-toolbox/classes/@sigBuilder/cb_addSignal.m	292 -----
m-toolbox/classes/@sigBuilder/cb_buildExport.m	30 -
m-toolbox/classes/@sigBuilder/cb_buildSave.m	21 -
m-toolbox/classes/@sigBuilder/cb_buildView.m	14 -
m-toolbox/classes/@sigBuilder/cb_clearSignals.m	16 -
m-toolbox/classes/@sigBuilder/cb_drawControls.m	798 -----
m-toolbox/classes/@sigBuilder/cb_exportCommands.m	17 -
m-toolbox/classes/@sigBuilder/cb_mainfigClose.m	15 -
m-toolbox/classes/@sigBuilder/cb_removeSignal.m	18 -
.../classes/@sigBuilder/cb_selectSignalType.m	17 -
m-toolbox/classes/@sigBuilder/cb_sigListClick.m	25 -
m-toolbox/classes/@sigBuilder/cb_sigListSelect.m	10 -
m-toolbox/classes/@sigBuilder/cb_toggleAddState.m	18 -
m-toolbox/classes/@sigBuilder/refreshSignalList.m	26 -
m-toolbox/classes/@sigBuilder/sigBuilder.m	65 --

18 files changed, 1790 deletions(-)

[2014-03-12 14:04:46 +0100][bafad91] Ingo Diepholz
Remove LTPDA launcher because of MANTIS issue 719.

```

.../m/gui/ltpdalauncher/images/ltpda_blue.jpg | Bin 199944 -> 0 bytes
.../m/gui/ltpdalauncher/ltpda_launcher_close.m | 16 --
.../gui/ltpdalauncher/ltpda_launcher_constructor.m | 13 --
.../ltpdalauncher/ltpda_launcher_launch_ltpdagui.m | 13 --
.../ltpdalauncher/ltpda_launcher_launch_pzmodel.m | 13 --
.../ltpdalauncher/ltpda_launcher_launch_repogui.m | 13 --
.../ltpdalauncher/ltpda_launcher_specwinViewer.m | 13 --
.../m/gui/ltpdalauncher/ltpda_launcher_workbench.m | 13 --
m-toolbox/m/gui/ltpdalauncher/ltpdalauncher.m | 203 -----
9 files changed, 297 deletions(-)

```

[2014-03-12 14:00:48 +0100][e766a61] Ingo Diepholz
Remove commented out part of the ltpda launcher.

```

m-toolbox/m/etc/ltpda_startup.m | 8 -----
1 file changed, 8 deletions(-)

```

[2014-03-12 13:57:50 +0100][0346f32] Ingo Diepholz
This file is not used in LTPDA documentation.

```

m-toolbox/html_help/help/ug/starting_ltpda_content.html | 10 -----
1 file changed, 10 deletions(-)

```

[2014-03-12 13:46:45 +0100][88b2e44] Ingo Diepholz
I don't know why we have a function list of the Database Toolbox?

```

m-toolbox/html_help/help/ug/bqth1m.html | 98 -----
1 file changed, 98 deletions(-)

```

[2014-03-12 13:37:48 +0100][97c0674] Ingo Diepholz
Remove the parts which are only used in the older MATLAB versions till R2012b. The tags <list> and <listitem> are obsolete

```

m-toolbox/html_help/info.xml | 12 -----
1 file changed, 12 deletions(-)

```

[2014-03-12 13:11:47 +0100][1cc0895] Ingo Diepholz
Merge branch 'origin/development' into 'Ingo/MANTIS/719_remove_GUIs'

[2014-03-12 12:12:09 +0100][7a766fc] Ingo Diepholz
Update the example to the new matrix-object output of the function 'ltp_ifo2acc'.

```

.../html_help/help/ug/ltpda_training_2_topic_3_3_content.html | 10 +++-----
1 file changed, 4 insertions(+), 6 deletions(-)

```

[2014-03-12 11:59:25 +0100][24e6b5d] Ingo Diepholz
Add "callerIsMethod" part. This is necessary if we want to use 'lpsd' for MATRIX objects. In this case have all AO no history.

```

m-toolbox/classes/@ao/lpsd.m | 2 ++
1 file changed, 2 insertions(+)

```

[2014-03-11 14:21:10 +0100][61b46e8] Ingo Diepholz
Using %g in sptintf() is more flexible than sprintf('%2.2f') because the second command cannot display 1e-8

```

m-toolbox/m/gui/pzmodel_designer/pzmodel_helper.m | 20 ++++++-----
1 file changed, 10 insertions(+), 10 deletions(-)

```

[2014-03-11 12:12:26 +0100][07f7260] Nikos
change of colour, more possibilities

```

m-toolbox/classes/@pest/mcmcPlot.m | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

```

[2014-03-11 06:03:21 +0100][c992011] Martin Hewitson
Merge branch 'development' into reproduce_plots

[2014-03-10 13:28:10 +0100][0586280] Ingo Diepholz

Merge branch 'origin/Ingo/Prefs_callback_timezone_timeformat' into 'development'

[2014-03-10 13:27:03 +0100][5fb4220] Ingo Diepholz
I have forgotten to add the callbacks to the GUI.

m-toolbox/classes/@LTPDAprefs/LTPDAprefs.m | 16 ++++++
1 file changed, 16 insertions(+)

[2014-03-07 16:43:46 +0100][40d827c] Mauro Hueller
Added more test to the execution pipeline

m-toolbox/test/utis/test_linear_fitting.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-07 16:42:34 +0100][05de3cb] Mauro Hueller
Fixed error in calculating the uncertainties and covariance matrix. Still need to look at Chi^2 ...

m-toolbox/classes/@ao/lscov.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-03-07 15:24:59 +0100][05753bc] Ingo Diepholz
Add comm

m-toolbox/test/LTPDA_training/TrainingSessionAll.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-07 12:49:01 +0100][f8efc65] Nikos
2 more plist keys concerning the style of the plot

m-toolbox/classes/@MCMC/plotLogLikelihood.m | 15 ++++++---
1 file changed, 12 insertions(+), 3 deletions(-)

[2014-03-06 17:01:08 +0100][955ca83] Ingo Diepholz
Merge branch 'origin/Ingo/Prefs_callback_timezone_timeformat' into 'development'

[2014-03-06 16:57:06 +0100][28aacee] Ingo Diepholz
Updated jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3531479 -> 3531491 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-06 16:56:31 +0100][4633121] Ingo Diepholz
small changes.

m-toolbox/classes/@LTPDAprefs/LTPDAprefs.m | 4 +--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-03-06 16:56:07 +0100][fa023b9] Ingo Diepholz
Bug fix: Good idea but bad implementation. It is necessary to use a java.awt.Frame instead of a JFrame. The reason is if a user doesn't define a parent then uses java a.awt.Frame and not a JFrame.

.../src/mpipeline/ltpdapreferences/LTPDAPrefsGui.java | 10 ++++++---
1 file changed, 7 insertions(+), 3 deletions(-)

[2014-03-06 16:30:27 +0100][5c2430e] Ingo Diepholz
update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3531479 -> 3531479 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-06 16:28:06 +0100][040b442] Ingo Diepholz
Add an example code which gives a icon on the taskbar.

m-toolbox/classes/@LTPDAprefs/LTPDAprefs.m | 9 ++++++--
1 file changed, 8 insertions(+), 1 deletion(-)

[2014-03-06 16:27:24 +0100][2867450] Ingo Diepholz

update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3530932 -> 3531479 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-03-06 16:26:17 +0100][2a2538a] Ingo Diepholz
This function supports now a parent Frame which shows a icon on the Taskbar.

.../mpipeline/ltpdapreferences/LTPDAPrefsGui.form | 2 +-
.../mpipeline/ltpdapreferences/LTPDAPrefsGui.java | 24 ++++++-----
2 files changed, 18 insertions(+), 8 deletions(-)

[2014-03-06 16:03:49 +0100][7f4fe26] Ingo Diepholz
Add new getter methods for callbacks.

.../ltpdapreferences/LTPDAPrefsTabPane.java | 4 +++
.../ltpdapreferences/TimePrefGroupPanel.form | 2 +-
.../ltpdapreferences/TimePrefGroupPanel.java | 23 ++++++-----
3 files changed, 25 insertions(+), 4 deletions(-)

[2014-03-06 16:02:35 +0100][424d654] Ingo Diepholz
New callback functions

m-toolbox/classes/@LTPDAPrefs/cb_timeformatChanged.m | 15 ++++++
m-toolbox/classes/@LTPDAPrefs/cb_timezoneChanged.m | 15 ++++++
2 files changed, 30 insertions(+)

[2014-03-06 13:20:20 +0100][ec86e1d] Ingo Diepholz
bug fix: It is necessary to call the getter method for getting the units because it might be that the units are an empty string (by default) and this is here not required.

m-toolbox/classes/@data2D/plot.m | 4 +--
m-toolbox/classes/@tsdata/plot.m | 4 +--
2 files changed, 4 insertions(+), 4 deletions(-)

[2014-03-06 13:10:45 +0100][56cd633] Ingo Diepholz
Copy past error. I'm an idiot.

m-toolbox/classes/@data3D/getZunits.m | 12 +++++-----
1 file changed, 6 insertions(+), 6 deletions(-)

[2014-03-06 13:08:58 +0100][f071a7d] Ingo Diepholz
Bug fix: We have in the classes: ltpda_data, data2D and data3D two getter method for getting the units. One is the e.g. xunits() which we need for backwards compatibility and the other is getXunits() which is new since the new ltpda_vector class. The issue is that it doesn't make sense to maintain two method and so is getXunits() just a wrapper of xunits().

m-toolbox/classes/@data2D/getXunits.m | 16 ++++++-----
m-toolbox/classes/@data3D/getZunits.m | 16 ++++++-----
m-toolbox/classes/@ltpda_data/getYunits.m | 14 ++++++-----
3 files changed, 32 insertions(+), 14 deletions(-)

[2014-03-05 14:34:59 +0100][2323202] Ingo Diepholz
Bug fix: Use for comparison of two copied objects the isequal() method instead of the eq() method. The eq() method checks only if the pointer are equal and that's not true for copied objects.

m-toolbox/classes/tests/ltpda_vector/@test_ltpda_vector/test_xml.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-05 14:32:02 +0100][6248172] Ingo Diepholz
Bug fix: Don't convert in the setter(set.units(obj, val)) the unit into a unit-object if it is empty.

m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-03-04 17:32:34 +0100][ac2b312] Ingo Diepholz
The LTPDV dataviewer (ltpdv) is no longer needed.

.../m/gui/ltpdv/callbacks/ltpdv_buildFilterPanel.m | 597 -----
.../m/gui/ltpdv/callbacks/ltpdv_buildImportPanel.m | 638 -----

.../m/gui/ltpdv/callbacks/ltpdv_buildMathPanel.m	115	----
.../m/gui/ltpdv/callbacks/ltpdv_buildPlotPanel.m	9	-
.../ltpdv/callbacks/ltpdv_buildPreprocessPanel.m	67	---
.../ltpdv/callbacks/ltpdv_buildPropertiesPanel.m	19	-
.../gui/ltpdv/callbacks/ltpdv_buildSpectralPanel.m	66	----
.../gui/ltpdv/callbacks/ltpdv_build_buildobject.m	32	--
.../gui/ltpdv/callbacks/ltpdv_build_class_select.m	31	-
.../callbacks/ltpdv_build_get_selected_class.m	19	-
.../callbacks/ltpdv_build_get_selected_pset.m	19	-
.../gui/ltpdv/callbacks/ltpdv_build_params_panel.m	145	-----
.../m/gui/ltpdv/callbacks/ltpdv_build_set_select.m	28	-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_calc_btn.m	64	---
.../m/gui/ltpdv/callbacks/ltpdv_cb_mainfigClose.m	15	-
.../m/gui/ltpdv/callbacks/ltpdv_delete_objects.m	44	--
.../m/gui/ltpdv/callbacks/ltpdv_explore_objects.m	14	-
.../m/gui/ltpdv/callbacks/ltpdv_export_objects.m	33	--
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_fcn_run.m	68	----
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_filterAdd.m	38	--
.../m/gui/ltpdv/callbacks/ltpdv_filterApply.m	52	--
.../m/gui/ltpdv/callbacks/ltpdv_filterBrowse.m	37	--
.../m/gui/ltpdv/callbacks/ltpdv_filterDelete.m	26	-
.../m/gui/ltpdv/callbacks/ltpdv_filterImport.m	24	-
.../ltpdv/callbacks/ltpdv_filter_control_chans.m	21	-
.../callbacks/ltpdv_filter_from_standard_panel.m	50	--
.../gui/ltpdv/callbacks/ltpdv_filter_get_pzmodel.m	29	-
.../m/gui/ltpdv/callbacks/ltpdv_filter_getf.m	29	-
.../gui/ltpdv/callbacks/ltpdv_filter_list_select.m	14	-
.../m/gui/ltpdv/callbacks/ltpdv_filtersClear.m	14	-
.../m/gui/ltpdv/callbacks/ltpdv_getWorkspaceObjs.m	23	-
.../ltpdv/callbacks/ltpdv_get_params_from_panel.m	63	--
.../ltpdv/callbacks/ltpdv_get_selected_filter.m	25	-
.../gui/ltpdv/callbacks/ltpdv_get_selected_objs.m	17	-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_hist_plot.m	18	-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_importObjs.m	52	--
.../m/gui/ltpdv/callbacks/ltpdv_load_objects.m	44	--
.../m/gui/ltpdv/callbacks/ltpdv_objectList_edit.m	32	--
.../gui/ltpdv/callbacks/ltpdv_objectList_select.m	42	--
.../ltpdv/callbacks/ltpdv_parse_control_chans.m	69	----
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_plot.m	23	-
.../m/gui/ltpdv/callbacks/ltpdv_plotFilterResp.m	45	--
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_poleAdd.m	32	--
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_poleClear.m	12	-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_poleDelete.m	25	-
.../m/gui/ltpdv/callbacks/ltpdv_preproc_fcnlist.m	29	-
.../ltpdv/callbacks/ltpdv_preproc_function_list.m	17	-
.../gui/ltpdv/callbacks/ltpdv_preproc_param_act.m	25	-
.../ltpdv/callbacks/ltpdv_preproc_sets_callback.m	13	-
.../m/gui/ltpdv/callbacks/ltpdv_properties_apply.m	37	--
.../ltpdv/callbacks/ltpdv_properties_build_props.m	66	----
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_pzmResp.m	13	-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_pzmStore.m	17	-
.../m/gui/ltpdv/callbacks/ltpdv_pzmStoreResp.m	17	-
.../ltpdv/callbacks/ltpdv_refresh_object_list.m	28	-
.../m/gui/ltpdv/callbacks/ltpdv_save_objects.m	57	--
.../m/gui/ltpdv/callbacks/ltpdv_search_channels.m	61	--
.../m/gui/ltpdv/callbacks/ltpdv_server_addTime.m	25	-
.../gui/ltpdv/callbacks/ltpdv_server_channellist.m	50	--
.../gui/ltpdv/callbacks/ltpdv_server_clearTimes.m	9	-
.../ltpdv/callbacks/ltpdv_server_datatype_select.m	62	--
.../gui/ltpdv/callbacks/ltpdv_server_deleteTimes.m	8	-
.../gui/ltpdv/callbacks/ltpdv_server_getChannels.m	8	-
.../m/gui/ltpdv/callbacks/ltpdv_server_getLatest.m	30	-
.../ltpdv/callbacks/ltpdv_server_get_channels.m	9	-
.../gui/ltpdv/callbacks/ltpdv_server_get_comment.m	10	-
.../m/gui/ltpdv/callbacks/ltpdv_server_get_data.m	27	-
.../callbacks/ltpdv_server_get_latest_chans.m	34	--
.../gui/ltpdv/callbacks/ltpdv_server_get_server.m	35	--
.../ltpdv/callbacks/ltpdv_server_get_start_time.m	39	--
.../ltpdv/callbacks/ltpdv_server_get_stop_time.m	39	--
.../m/gui/ltpdv/callbacks/ltpdv_server_get_times.m	43	--
.../m/gui/ltpdv/callbacks/ltpdv_server_import.m	23	-
.../gui/ltpdv/callbacks/ltpdv_server_queryServer.m	18	-
.../ltpdv/callbacks/ltpdv_server_server_select.m	28	-
.../callbacks/ltpdv_server_set_channel_list.m	19	-
.../ltpdv/callbacks/ltpdv_server_set_duration.m	33	--
.../ltpdv/callbacks/ltpdv_server_set_timeslist.m	17	-
.../gui/ltpdv/callbacks/ltpdv_server_start_edit.m	13	-
.../m/gui/ltpdv/callbacks/ltpdv_server_stop_edit.m	13	-
.../m/gui/ltpdv/callbacks/ltpdv_server_timeslist.m	1	-
.../m/gui/ltpdv/callbacks/ltpdv_set_filter_list.m	27	-

```

.../m/gui/ltpdv/callbacks/ltpdv_set_pole_list.m | 21 -
.../m/gui/ltpdv/callbacks/ltpdv_set_zero_list.m | 21 -
.../m/gui/ltpdv/callbacks/ltpdv_spectral_fcnlist.m | 31 -
.../ltpdv/callbacks/ltpdv_spectral_function_list.m | 15 -
.../m/gui/ltpdv/callbacks/ltpdv_storeFilter.m | 39 --
.../m/gui/ltpdv/callbacks/ltpdv_storeFilterResp.m | 53 --
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_tabChanged.m | 34 --
.../ltpdv/callbacks/ltpdv_workspaceList_select.m | 21 -
.../ltpdv/callbacks/ltpdv_workspaceList_set_data.m | 24 -
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_zeroAdd.m | 32 --
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_zeroClear.m | 12 -
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_zeroDelete.m | 25 -
m-toolbox/m/gui/ltpdv/ltpdv.m | 235 -----
m-toolbox/m/gui/ltpdv/make_ltpda_objects.m | 22 -
96 files changed, 4464 deletions(-)

```

[2014-03-04 16:35:46 +0100][92792d5] Ingo Diepholz
Because of the MANTIS issue 719 is the LTPDA object explorer not longer necessary. MATLAB can do the same with using the command openvar('varName')

```

.../exp_struct_icons/analysis_object.gif | Bin 82 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/c_data.gif | Bin 78 -> 0 bytes
.../gui/ao_browser/exp_struct_icons/cell_icon.gif | Bin 80 -> 0 bytes
.../gui/ao_browser/exp_struct_icons/char_icon.gif | Bin 82 -> 0 bytes
.../ao_browser/exp_struct_icons/double_icon.gif | Bin 190 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/fs_data.gif | Bin 81 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/history.gif | Bin 79 -> 0 bytes
.../gui/ao_browser/exp_struct_icons/logic_icon.gif | Bin 79 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/obj_icon.gif | Bin 82 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/plist.gif | Bin 82 -> 0 bytes
.../ao_browser/exp_struct_icons/struct_icon.gif | Bin 79 -> 0 bytes
.../exp_struct_icons/structarray_icon.gif | Bin 79 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/ts_data.gif | Bin 82 -> 0 bytes
.../ao_browser/exp_struct_icons/unknown_icon.gif | Bin 78 -> 0 bytes
.../m/gui/ao_browser/exp_struct_icons/xy_data.gif | Bin 84 -> 0 bytes
m-toolbox/m/gui/ao_browser/ltpda_explorer.m | 873 -----
16 files changed, 873 deletions(-)

```

[2014-03-04 12:02:10 +0100][feb940a] Nikos
More robust check and error message

```

m-toolbox/classes/@MCMC/mhsample.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

```

[2014-03-03 16:36:07 +0100][3f4f18c] Ingo Diepholz
Merge branch 'origin/Ingo/reset_persistent_var_with_clear' into 'development'

[2014-03-03 16:35:04 +0100][3cd55c4] Ingo Diepholz
I found a nicer way to reset persistent variables inside a single function. The general command is: "clear FUNCTIONS" but in case of function inside a package we must define the whole function path. e.g. "clear +utils/@helper/msg_nnl"

```

m-toolbox/classes/+utils/@helper/msg_nnl.m | 12 +++-----
m-toolbox/classes/+utils/@helper/warn.m | 11 +++-----
m-toolbox/classes/@LTPDAprefs/cb_verboseLevelChanged.m | 4 ++--
m-toolbox/classes/@LTPDAprefs/setPreference.m | 4 ++--
4 files changed, 10 insertions(+), 21 deletions(-)

```

[2014-03-03 14:41:15 +0100][e081c42] Ingo Diepholz
Merge branch 'origin/Ingo/wrapper_for_genvarname' into 'development'

[2014-03-03 14:30:03 +0100][5294e32] Ingo Diepholz
Replaced all 'genvarname' commands by the wrapper 'utils.helper.genvarname'

```

m-toolbox/classes/+utils/@models/makeBuiltInModel.m | 2 +-
m-toolbox/classes/+utils/@modules/makeMethod.m | 2 +-
m-toolbox/classes/@LTPDAworkbench/run.m | 2 +-
m-toolbox/classes/@info/modelOverview.m | 4 ++--
m-toolbox/classes/@repogui/cb_importBtn.m | 2 +-
m-toolbox/classes/@ssm/viewDetails.m | 4 ++--
m-toolbox/classes/@ssmblock/tohtml.m | 2 +-
7 files changed, 9 insertions(+), 9 deletions(-)

```

[2014-03-03 14:23:52 +0100][b600269] Ingo Diepholz
A wrapper for getenvname because the function 'getenvname' will be replaced in MATLAB R2014a by the function 'matlab.lang.makeValidName'. But we support also older MATLAB version and that means we have to wrap this function. This function calls depending on the MATLAB version the right command.

```
m-toolbox/classes/+utils/@helper/getenvname.m | 31 ++++++
m-toolbox/classes/+utils/@helper/helper.m      |  1 +
2 files changed, 32 insertions(+)
```

[2014-03-03 12:16:10 +0100][6ecdebe] Ingo Diepholz
Bug fix? With the unit tests we get random errors in the history and we don't know why. My suggestion is to remove the "flip(unique(cmds));" because we are not really sure which duplicate this command remove.

```
m-toolbox/classes/@history/hist2m.m | 15 ++++++
1 file changed, 14 insertions(+), 1 deletion(-)
```

[2014-02-28 09:32:41 +0100][4f9ea99] Martin Hewitson
Remove duplicate method declaration.

```
m-toolbox/m/built_in_models/ssm/ssm_model_HARMONIC_OSC_1D.m | 4 ----
1 file changed, 4 deletions(-)
```

[2014-02-28 08:59:36 +0100][c12dfea] Martin Hewitson
Add support for models which implement 'parameters' like SSM models.

```
m-toolbox/classes/+utils/@models/mainFnc.m | 10 ++++++
1 file changed, 10 insertions(+)
```

[2014-02-28 08:51:15 +0100][2d4e16b] Martin Hewitson
Add support for models which use random numbers so that the resulting object can be rebuilt. Models which do use random numbers in their creation should include plist.RAND_STREAM in their default plists.

```
m-toolbox/classes/+utils/@models/mainFnc.m | 7 ++++++
1 file changed, 7 insertions(+)
```

[2014-02-28 08:39:58 +0100][a033ffc] Martin Hewitson
Code hardening: better check we have units before trying to simplify them.

```
m-toolbox/classes/@ltpda_vector/simplifyUnits.m | 2 ++
1 file changed, 2 insertions(+)
```

[2014-02-28 08:36:25 +0100][423748c] Martin Hewitson
Remove setting of the removed property.

```
m-toolbox/classes/tests/ao/@test_ao_ao_table/test_ao_ao_table.m | 4 ----
1 file changed, 4 deletions(-)
```

[2014-02-27 20:20:46 +0100][9c84cea] Martin Hewitson
Merge branch 'master' into development

[2014-02-27 20:14:51 +0100][5759a4b] Martin Hewitson
Merge branch 'cgfill_history_woes' into development

[2014-02-26 14:41:55 +0100][7e16b3d] Ingo Diepholz
Bug fix: We have to check for static method for each minfo-object. --> I have added a loop where we check for static methods.

```
m-toolbox/classes/@minfo/minfo.m | 10 ++++++
1 file changed, 6 insertions(+), 4 deletions(-)
```

[2014-02-26 14:21:32 +0100][54c8b86] Ingo Diepholz
We don't support the MATLAB plot history. --> Remove it from the viewHistory method.

```
m-toolbox/classes/@ltpda_uoh/viewHistory.m | 16 +++-----
1 file changed, 3 insertions(+), 13 deletions(-)
```

[2014-02-26 14:16:26 +0100][8bf14dd] Martin Hewitson

Bug fixes and improvements to work with the new hist2m code.

```
m-toolbox/classes/@ssm/ssm2dot.m | 30 ++++++-----
1 file changed, 13 insertions(+), 17 deletions(-)
```

[2014-02-26 13:53:36 +0100][966b897] Martin Hewitson

Bug fix: don't include newline characters in the title string, but rather use a \n and let dot interpret that.

```
m-toolbox/classes/@history/hist2dot.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-26 13:34:07 +0100][dcb2e98] Ingo Diepholz

Merge branch 'origin/Ingo/Remove_mdfile_property' into 'development'

[2014-02-26 13:33:02 +0100][6a02d59] Ingo Diepholz

We have defined to keep the old get/set access because maybe we want to reactivate this property in the future.

```
m-toolbox/classes/@ltpda_uo/ltpda_uo.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-26 12:56:15 +0100][11a30b6] Ingo Diepholz

Remove any get/set access to the property 'mdlfile' because we want to get rid of it.

```
.../@LTPDAworkbench/cb_importWBfromObjects.m | 20 ----
m-toolbox/classes/@ao/update_struct.m         | 9 ---
m-toolbox/classes/@ltpda_uo/attachToDom.m     | 8 --
m-toolbox/classes/@ltpda_uo/copy.m             | 1 -
m-toolbox/classes/@ltpda_uo/fromDom.m         | 6 --
m-toolbox/classes/@ltpda_uo/fromStruct.m      | 5 --
m-toolbox/classes/@ltpda_uo/setMdlfile.m      | 87 -----
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m     | 1 -
m-toolbox/classes/@ltpda_uoh/report.m        | 2 -
m-toolbox/classes/@timespan/display.m        | 2 +-
.../database/@ltpda_ao_table/test_ao_mdffilename.m | 44 -----
11 files changed, 1 insertion(+), 184 deletions(-)
```

[2014-02-26 12:54:55 +0100][c3ee8de] Ingo Diepholz

We would like to remove the property 'mdlfile' but that means that MATLAB will read older MAT files as structures and we have to convert them back into objects. This cost time and that is the reason why we make the property 'Hidden' and define it as a constant.

```
m-toolbox/classes/@ltpda_uo/ltpda_uo.m | 12 +++-----
1 file changed, 4 insertions(+), 8 deletions(-)
```

[2014-02-26 11:49:05 +0100][1128f1e] Ingo Diepholz

Remove the commands for plotting the history in a MATLAB figure. This plot haven't had a real use case because if the history is larger then is it not possible to see anything on the plot. And I mean with larger more than three levels. That was the reason why I have removed the history/plot

```
m-toolbox/test/example_1.m | 3 ---
m-toolbox/test/example_2.m | 5 ----
m-toolbox/test/test_ao_1.m | 3 ---
m-toolbox/test/test_ao_downsample.m | 1 -
m-toolbox/test/test_ao_gapfilling.m | 3 ---
m-toolbox/test/test_ao_hist.m | 1 -
m-toolbox/test/test_ao_interp.m | 1 -
m-toolbox/test/test_ao_join_ts.m | 1 -
m-toolbox/test/test_ao_linfit.m | 6 -----
m-toolbox/test/test_ao_polyfit.m | 7 +------
m-toolbox/test/test_ao_spikecleaning.m | 6 -----
m-toolbox/test/test_ao_split.m | 2 --
m-toolbox/test/test_ao_split_frequency.m | 3 ---
m-toolbox/test/test_ao_upsample.m | 1 -
m-toolbox/test/test_lincom_cdata.m | 2 --
m-toolbox/test/test_lpsd.m | 5 -----
m-toolbox/test/test_ltpda_coherere.m | 2 --
m-toolbox/test/test_ltpda_cpsd.m | 2 --
m-toolbox/test/test_ltpda_lincom.m | 3 ---
m-toolbox/test/test_ltpda_linedetect.m | 2 --
m-toolbox/test/test_ltpda_ltfe.m | 1 -
m-toolbox/test/test_ltpda_nfest.m | 1 -
m-toolbox/test/test_ltpda_polydetrend.m | 1 -
```

```

m-toolbox/test/test_ltpda_pwelch.m | 3 ---
m-toolbox/test/test_ltpda_tfe.m | 2 --
m-toolbox/test/test_ltpda_xcorr.m | 2 --
m-toolbox/test/test_miir_class.m | 4 ----
m-toolbox/test/test_miir_filter.m | 2 --
m-toolbox/test/test_miir_filtfilt.m | 2 --
m-toolbox/test/test_minus.m | 2 --
m-toolbox/test/test_mpower.m | 3 ---
m-toolbox/test/test_plus.m | 3 ---
m-toolbox/test/test_pzmodel_class.m | 4 ----
m-toolbox/test/test_rdivide.m | 3 ---
m-toolbox/test/test_recreate_1.m | 4 ----
m-toolbox/test/test_times.m | 3 ---
m-toolbox/test/testing_xml.m | 3 ---
37 files changed, 2 insertions(+), 100 deletions(-)

```

```

-----
[2014-02-25 17:31:28 +0100][e709a9b] Ingo Diepholz
Merge branch 'origin/history_tree_20140205' into 'development'

```

```

-----
[2014-02-25 17:13:44 +0100][22c3cf9] Ingo Diepholz
Merge branch 'origin/development' into history_tree_20140205

```

```

-----
[2014-02-25 15:07:05 +0100][01b8be1] Ingo Diepholz
Use the isequal method of the minfo class.

```

```

m-toolbox/classes/@history/isequal.m | 31 ++++++-----
1 file changed, 11 insertions(+), 20 deletions(-)

```

```

-----
[2014-02-25 15:06:01 +0100][bba540e] Ingo Diepholz
New isequal method which checks two minfo objects.

```

```

m-toolbox/classes/@minfo/isequal.m | 91 ++++++-----
1 file changed, 91 insertions(+)

```

```

-----
[2014-02-25 14:21:13 +0100][b51d0d2] Ingo Diepholz
It doesn't make sense to plot a history in a MATLAB figure --> I will remove this method.

```

```

m-toolbox/classes/@history/plot.m | 248 -----
1 file changed, 248 deletions(-)

```

```

-----
[2014-02-25 14:19:36 +0100][147098f] Ingo Diepholz
Add a warning that this method doesn't work for the moment and return. We have to adapt this method
because we doesn't have the cvs version strings.

```

```

m-toolbox/classes/@ao/validate.m | 3 +++
1 file changed, 3 insertions(+)

```

```

-----
[2014-02-25 14:17:43 +0100][6aa1ca5] Ingo Diepholz
Adaptation to the new structure of history/getNodes()

```

```

m-toolbox/classes/@ao/getdof.m | 6 +----
1 file changed, 3 insertions(+), 3 deletions(-)

```

```

-----
[2014-02-25 13:56:37 +0100][1113341] Ingo Diepholz
Use the new strucure of the nodes from history/getNodes()

```

```

m-toolbox/classes/@ao/validate.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

```

-----
[2014-02-25 13:49:19 +0100][1a86d90] Ingo Diepholz
flip() and unique() are faster than two loops.

```

```

m-toolbox/classes/@history/hist2m.m | 14 +-----
1 file changed, 1 insertion(+), 13 deletions(-)

```

```

-----
[2014-02-25 13:17:50 +0100][de23d81] Martin Hewitson
We also need to remove duplicates after processing input plists.

```

```

m-toolbox/classes/@history/hist2m.m | 19 ++++++-----
1 file changed, 19 insertions(+)

```

```

-----
[2014-02-25 12:36:04 +0100][acdbb1c] Martin Hewitson
Bug fix (sort of). Adding objects to multiple input collections doesn't make sense, and with that
in place it's not possible to add collections to collections (because they were all being collected
as inputs). This simplification of treating the first input collection as the one we will add to
means it's now possible to add collections to a collection.

m-toolbox/classes/@collection/addObjects.m | 32 ++++++-----
1 file changed, 18 insertions(+), 14 deletions(-)

-----
[2014-02-25 12:13:11 +0100][87def68] Ingo Diepholz
Bug fix: Adaptation to the new structure of history/getNodes()

m-toolbox/classes/@ao/getdof.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-02-25 12:12:19 +0100][45e6638] Ingo Diepholz
Bug fix: I have forgotten to support the exception list.

m-toolbox/classes/@history/isequal.m | 31 ++++++-----
1 file changed, 26 insertions(+), 5 deletions(-)

-----
[2014-02-25 11:19:32 +0100][288270b] Ingo Diepholz
Remove test version of - getNodes - hist2m

m-toolbox/classes/@history/getNodesNew.m | 118 -----
m-toolbox/classes/@history/hist2mNew.m | 143 -----
2 files changed, 261 deletions(-)

-----
[2014-02-25 09:17:09 +0100][85d8257] Martin Hewitson
Trying to improve subsref so that doing

m-toolbox/classes/@collection/subsref.m | 12 ++++++
1 file changed, 12 insertions(+)

-----
[2014-02-25 09:16:34 +0100][a109c0e] Martin Hewitson
I prefer we append _%d when we make a unique name.

m-toolbox/classes/+utils/@helper/createUniqueNames.m | 6 +---
1 file changed, 3 insertions(+), 3 deletions(-)

-----
[2014-02-24 18:50:32 +0100][16b381b] Ferran Gibert
Added the option to compute the DFT via the Goertzel Algorithm, to provide the spectrogram at a
given vector of frequencies. This option was already available in the pure matlab spectrogram
function.

m-toolbox/classes/@ao/spectrogram.m | 10 ++++++
1 file changed, 10 insertions(+)

-----
[2014-02-24 16:54:42 +0100][a8dd1af] Ingo Diepholz
I'm idiot. The function shape() doesn't exist. Use size() instead.

m-toolbox/classes/@ltpda_obj/isequalMain.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-02-24 16:49:13 +0100][77687ea] Ingo Diepholz
Bug fix: If we want to compare the handles of two object then is it necessary that the objects are
not empty AND that the have the same size/shape.

m-toolbox/classes/@ltpda_obj/isequalMain.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-02-22 07:49:47 +0100][70738fa] Martin Hewitson
A test script for the new iplotyy.

m-toolbox/test/test_iplotyy_improvements.m | 119 ++++++
1 file changed, 119 insertions(+)

-----
[2014-02-22 07:49:02 +0100][a94cd44] Martin Hewitson

```

A new version of iplotty which allows multiple objects on the left and right axes. Still needs much testing.

m-toolbox/classes/@ao/iplotty.m | 447 ++++++-----
1 file changed, 155 insertions(+), 292 deletions(-)

[2014-02-21 12:18:53 +0100][cc24c98] Martin Hewitson
Make block links unique otherwise when we have output blocks with the same names as state blocks (for example), then the links wouldn't work in the old implementation.

m-toolbox/classes/@ssm/viewDetails.m | 26 ++++++-----
1 file changed, 19 insertions(+), 7 deletions(-)

[2014-02-21 12:15:19 +0100][47ebcf4] Martin Hewitson
Make block links unique otherwise when we have output blocks with the same names as state blocks (for example), then the links wouldn't work in the old implementation.

m-toolbox/classes/@minfo/modelOverview.m | 43 ++++++-----
1 file changed, 27 insertions(+), 16 deletions(-)

[2014-02-21 11:45:07 +0100][2e28e05] Martin Hewitson
Now respects the plotinfo showErrors setting. Answers to MANTIS issue 714.

m-toolbox/classes/@ao/iplot.m | 10 ++++++--
1 file changed, 8 insertions(+), 2 deletions(-)

[2014-02-21 11:36:39 +0100][4c00b98] Martin Hewitson
Added support for setting 'showErrors' property in the plist constructor. This fixes MANTIS issue 713.

m-toolbox/classes/@plotinfo/plotinfo.m | 11 ++++++--
1 file changed, 10 insertions(+), 1 deletion(-)

[2014-02-21 11:25:55 +0100][77fcacc] Martin Hewitson
Just fixed the indentation in the file.

m-toolbox/classes/@ao/spikecleaning.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-02-20 17:19:43 +0100][124528f] Ingo Diepholz
Bug fix: If we want to compare the handles of two object then is it necessary that the objects are not empty.

m-toolbox/classes/@ltpda_obj/isequalMain.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-20 16:29:19 +0100][8745a65] Ingo Diepholz
Small changes. No logical change

m-toolbox/classes/@history/hist2m.m | 20 ++++++-----
1 file changed, 12 insertions(+), 8 deletions(-)

[2014-02-20 16:28:17 +0100][4c25a9d] Ingo Diepholz
New version which compares only the unique history nodes and not all. (it uses the new version of getNodes())

m-toolbox/classes/@history/isequal.m | 34 ++++++-----
1 file changed, 22 insertions(+), 12 deletions(-)

[2014-02-20 15:35:51 +0100][7d72883] Ingo Diepholz
Just a try.

m-toolbox/classes/@history/isequal.m | 81 ++++++-----
1 file changed, 81 insertions(+)

[2014-02-20 14:54:45 +0100][647ac72] Ingo Diepholz
New version of getNodes which returns a new node structure and without any duplicates.

m-toolbox/classes/@history/getNodes.m | 116 ++++++-----
1 file changed, 60 insertions(+), 56 deletions(-)

[2014-02-20 14:54:00 +0100][123e254] Ingo Diepholz
Use new getNodes() method which returns a different node structure and without any duplicates.

m-toolbox/classes/@history/hist2m.m | 63 ++++++-----
1 file changed, 34 insertions(+), 29 deletions(-)

[2014-02-20 14:50:18 +0100][70dc748] Ingo Diepholz
some cleanup.

m-toolbox/classes/@history/getNodesNew.m | 37 +++++-----
m-toolbox/classes/@history/hist2mNew.m | 16 +-----
2 files changed, 8 insertions(+), 45 deletions(-)

[2014-02-20 13:00:47 +0100][e69902a] Ingo Diepholz
Merge branch 'origin/development' into 'history_tree_20140205'

[2014-02-20 12:57:30 +0100][22eb4fb] Ingo Diepholz
Replace the == sign with the method isequal() because we should use this method for comparing objects.

m-toolbox/classes/@ao/complex.m | 2 +-
m-toolbox/classes/@ao/xfit.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2014-02-20 12:05:11 +0100][6ed59cb] Ingo Diepholz
Replace the ~= sign with the method isequal() because we should use this method for comparing objects.

m-toolbox/classes/@ao/average.m | 2 +-
m-toolbox/classes/@ao/bilinfilt.m | 4 +---
m-toolbox/classes/@ao/complex.m | 2 +-
m-toolbox/classes/@ao/filter.m | 8 ++++----
m-toolbox/classes/@ao/fromPolyval.m | 4 +---
m-toolbox/classes/@ao/gapfilling.m | 4 +---
m-toolbox/classes/@ao/melementOp.m | 2 +-
m-toolbox/classes/@ao/polynomfit.m | 4 +---
m-toolbox/classes/@cdata/minus.m | 2 +-
m-toolbox/classes/@cdata/plus.m | 2 +-
m-toolbox/classes/@data2D/plus.m | 4 +---
m-toolbox/classes/@data3D/plus.m | 6 ++++----
m-toolbox/classes/@pzmodel/rdivide.m | 2 +-
m-toolbox/classes/@pzmodel/times.m | 2 +-
m-toolbox/classes/@smodel/elementOp.m | 2 +-
15 files changed, 25 insertions(+), 25 deletions(-)

[2014-02-20 11:15:06 +0100][5e4c989] Ingo Diepholz
Replace the ~= sign with the method isequal() because we should use this method for comparing objects.

m-toolbox/classes/@ao/iplot.m | 10 ++++----
1 file changed, 5 insertions(+), 5 deletions(-)

[2014-02-18 17:05:48 +0100][0a28c2e] Nikos
Missing semicolon

m-toolbox/classes/@ao/polyfitSpectrum.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-18 15:56:50 +0100][53b06e8] Nikos
Small fix of the multiplication constant

m-toolbox/classes/@MCMC/computeICSMatrix.m | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)

[2014-02-18 15:24:18 +0100][ae203e3] Ingo Diepholz
update jar file

src/MPipeline2/dist/MPipeline2.jar | Bin 3530436 -> 3530932 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-02-18 15:24:08 +0100][fe728ad] Ingo Diepholz
Define for all classes which implements the interface Serializable the necessary 'serialVersionUID'. The documentation strongly recommends that all serializable classes explicitly declare serialVersionUID values.

```
src/MPipeline2/src/mpipeline/ltpdapreferences/DisplayPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/ExtensionsPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/ExternalPrefsGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/LTPDAPreferences.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/MiscPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/ModelsPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/PlotPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/PlotStylesPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/RepositoryPrefGroup.java | 1 +
src/MPipeline2/src/mpipeline/ltpdapreferences/TimePrefGroup.java | 1 +
10 files changed, 10 insertions(+)
```

[2014-02-18 15:06:26 +0100][3b888f6] Ingo Diepholz
Update jar file

```
src/MPipeline2/dist/MPipeline2.jar | Bin 3528928 -> 3530436 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
```

[2014-02-18 15:04:33 +0100][3a6833d] Ingo Diepholz
Merge branch 'origin/Ingo_MANTIS_649_MarkerFaceColor' into 'development'

[2014-02-18 14:59:37 +0100][ac04617] Ingo Diepholz
Update jar file.

```
src/MPipeline2/dist/MPipeline2.jar | Bin 3528928 -> 3530436 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
```

[2014-02-18 14:59:26 +0100][78f3efa] Ingo Diepholz
Add outputs on the command line for the case that two styles are not the same.

```
.../src/mpipeline/ltpdapreferences/PlotStyle.java | 42 ++++++-----
1 file changed, 33 insertions(+), 9 deletions(-)
```

[2014-02-18 14:58:02 +0100][149a65d] Ingo Diepholz
Set the serialVersionUID to 7238502626872582812L; because the older LTPDA version have used this auto generated UID. By using this UID is it possible to read MAT files which are created in older LTPDA versions. Additional to this I have defined the methods readObject() and writeObject() which are invoked by MATLAB for saving and reading.

```
.../src/mpipeline/ltpdapreferences/PlotStyle.java | 28 ++++++
1 file changed, 28 insertions(+)
```

[2014-02-18 12:21:35 +0100][204ed23] Ferran Gibert
'Floor' no longer needed to define the minimum end of output ao

```
m-toolbox/classes/@ao/consolidate.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-18 11:45:47 +0100][28e6f60] Martin Hewitson
Merge branch 'development' into Luigi_simulate

[2014-02-18 10:52:24 +0100][6d02ffa] Martin Hewitson
The time-series ends at the end of the last sample, so add 1/fs.

```
m-toolbox/classes/@ao/consolidate.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-14 17:18:45 +0100][f3f0245] Ingo Diepholz
Bug fix: Check only for static methods if the minfo object have a name for a class. This is for example not true for an empty minfo object.

```
m-toolbox/classes/@minfo/minfo.m | 2 ++
1 file changed, 2 insertions(+)
```

[2014-02-14 16:00:41 +0100][2b4598d] Ingo Diepholz
still some changes.

m-toolbox/classes/@history/hist2mNew.m | 48 ++++++-----
1 file changed, 24 insertions(+), 24 deletions(-)

[2014-02-14 15:59:12 +0100][a521bb1] Ingo Diepholz
renaming variables

m-toolbox/classes/@history/getNodesNew.m | 30 ++++++-----
1 file changed, 15 insertions(+), 15 deletions(-)

[2014-02-14 14:56:05 +0100][9345bdf] Nikos
small bug fix: xo can be an AO or a PEST object

m-toolbox/classes/@MCMC/simplex.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-14 12:13:31 +0100][121cc47] Martin Hewitson
Add support for algorithm classes which have static methods which add history (like the MCMC class). By doing this here, we get the behaviour for free in all existing methods. And now history/rebuilding of objects which involve those methods works.

m-toolbox/classes/@minfo/minfo.m | 14 ++++++-----
1 file changed, 14 insertions(+)

[2014-02-14 12:12:32 +0100][dda40e7] Martin Hewitson
History was broken. The input mfh objects were not propagated to the history. Also add the input variable names. Also change a loop index to a more readable two characters.

m-toolbox/classes/@mfh/fisher.m | 12 +++++-----
1 file changed, 6 insertions(+), 6 deletions(-)

[2014-02-14 12:10:56 +0100][502eded] Martin Hewitson
Make sure mhsample supports rebuilding by caching the random stream state in the history plist.

m-toolbox/classes/@MCMC/mhsample.m | 4 ++++
1 file changed, 4 insertions(+)

[2014-02-14 12:10:31 +0100][2259133] Martin Hewitson
This is a relic method so we add a deprecation warning and remove this in a future release.

m-toolbox/classes/@ao/mhsample.m | 2 ++
1 file changed, 2 insertions(+)

[2014-02-13 19:46:36 +0100][f5c2260] Martin Hewitson
Merge branch 'development' into cgfill_history_woes

[2014-02-13 19:29:15 +0100][e6c2fad] Martin Hewitson
Use logical rather than boolean, because boolean() is only provided by Simulink.

m-toolbox/classes/@ao/edgedetect.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-13 15:33:51 +0100][8bb58af] Nikos
Small bug fix, add objects in the procinfo property

m-toolbox/m/built_in_models/mfh/mfh_model_loglikelihood.m | 10 +++++-----
1 file changed, 7 insertions(+), 3 deletions(-)

[2014-02-13 15:12:01 +0100][d68435f] Nikos
Further enhancing and organisation. Allow a fit to the PSD of the noise

m-toolbox/classes/@MCMC/computeICSMatrix.m | 25 ++-
../m/built_in_models/mfh/mfh_model_fft_signals.m | 6 +-
../built_in_models/mfh/mfh_model_loglikelihood.m | 241 ++++++-----
3 files changed, 137 insertions(+), 135 deletions(-)

[2014-02-13 11:01:28 +0100][08ae72c] Ingo Diepholz

some changes

```
m-toolbox/classes/@history/hist2m.m | 22 ++++++-----
m-toolbox/classes/@history/plot.m   | 1 +
2 files changed, 13 insertions(+), 10 deletions(-)
```

[2014-02-12 19:02:56 +0100][14404ae] Nikos

Added a wrapper of MFH objects that generate a log-likelihood function. Now (hopefully), numerous cell code becomes a one-liner. To be tested more.

```
m-toolbox/classes/@MCMC/computeICSMatrix.m | 13 +-
m-toolbox/classes/@mfh/loglikelihood.m     | 2 +-
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 10 +-
.../built_in_models/mfh/mfh_model_loglikelihood.m | 455 ++++++
4 files changed, 476 insertions(+), 4 deletions(-)
```

[2014-02-12 18:50:20 +0100][aaea174] Ingo Diepholz
Merge branch 'origin/cgfill_history_woes'

[2014-02-12 18:28:06 +0100][6f6a4f6] Ingo Diepholz

Add 'Inf' to the norm command because this computes: $\max(\text{abs}(X))$; instead of $\sum(\text{abs}(X).^2)^{(1/2)}$

```
m-toolbox/classes/+utils/@math/isequal.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-12 18:18:07 +0100][2aa485c] Ingo Diepholz
Merge branch 'origin/development'

[2014-02-12 18:09:54 +0100][272a753] Ingo Diepholz

Ignore the html websites which are created in the folder: m-toolbox/html_help/help/funcbycat/html

```
.gitignore | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-02-12 17:54:05 +0100][46c7643] Ingo Diepholz

New hist2n method. I will rename this method to hist2m if I'm finish with the tests

```
m-toolbox/classes/@history/hist2mNew.m | 157 ++++++
1 file changed, 157 insertions(+)
```

[2014-02-12 17:36:29 +0100][e88f3a2] Ingo Diepholz

Remove the eq() and ne() method from the ltpda_obj class because we want to use the handel eq() for the comparison in isequalMain(). The eq() method of the handle class works very fast because it compares only the pointers.

```
m-toolbox/classes/@ltpda_obj/isequalMain.m | 9 ++++++
m-toolbox/classes/@ltpda_obj/ltpda_obj.m   | 2 --
2 files changed, 9 insertions(+), 2 deletions(-)
```

[2014-02-12 17:36:01 +0100][bcbaf4b] Ingo Diepholz

Remove the eq() and ne() method from the ltpda_obj class because we want to use the handel eq() for the comparison in isequalMain(). The eq() method of the handle class works very fast because it compares only the pointers.

```
m-toolbox/classes/@ltpda_obj/eq.m | 38 -----
m-toolbox/classes/@ltpda_obj/ne.m | 96 -----
m-toolbox/classes/@unit/ne.m      | 27 -----
3 files changed, 161 deletions(-)
```

[2014-02-12 17:27:53 +0100][b6eec1f] Ingo Diepholz

Bug fix: Use the isequal method instead of ~= (ne() method) for comparing LTPDA objects.

```
m-toolbox/classes/@ao/elementOp.m | 4 +--
1 file changed, 2 insertions(+), 2 deletions(-)
```

[2014-02-12 15:36:23 +0100][1654de1] Ingo Diepholz
Remove display outputs.

```
m-toolbox/classes/@history/getNodes.m | 3 +--
1 file changed, 1 insertion(+), 2 deletions(-)
```

[2014-02-12 15:35:06 +0100][45d42cd] Ingo Diepholz
Change the description of the inputs to the right string. It is not the 'current' node it is the 'parent' node.

m-toolbox/classes/@history/getNodes.m | 6 +++---
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-02-12 15:31:41 +0100][0458b37] Ingo Diepholz
Just playing. This method is not finished yet.

m-toolbox/classes/@history/getNodesNew.m | 59 ++++++-----
1 file changed, 38 insertions(+), 21 deletions(-)

[2014-02-12 14:08:28 +0100][8cac6f2] Martin Hewitson
An attempt to fix the history rebuilding of cgfill and subsData. But there is a conflict with the algorithm that needs discussion.

m-toolbox/classes/@ao/cgfill.m | 7 +++++-
m-toolbox/classes/@ao/subsData.m | 8 +++++-
2 files changed, 12 insertions(+), 3 deletions(-)

[2014-02-12 13:02:38 +0100][9bf5fcb] Martin Hewitson
Remove this old call in favour of the new one.

m-toolbox/classes/@history/hist2m.m | 1 -
1 file changed, 1 deletion(-)

[2014-02-05 14:55:43 +0100][9268493] Martin Hewitson
Improved the way the stop option works, and make it work for descending within objects in plists.

m-toolbox/classes/@history/hist2dot.m | 7 +++++-
m-toolbox/classes/@history/hist2m.m | 18 ++++++-----
m-toolbox/classes/@ltpda_uoh/rebuild.m | 10 +-----
m-toolbox/classes/@ltpda_uoh/type.m | 9 +-----
m-toolbox/classes/@plist/plist.m | 17 ++++++-----
m-toolbox/classes/@plist/plist2cmds.m | 36 ++++++-----
6 files changed, 55 insertions(+), 42 deletions(-)

[2014-02-10 19:32:41 +0100][d4cfc33] Martin Hewitson
This is much simpler, more robust, and I think has the same functionality.

m-toolbox/classes/+utils/@math/isequal.m | 17 +-----
1 file changed, 1 insertion(+), 16 deletions(-)

[2014-02-10 12:21:42 +0100][6919ae9] Nikos
Some code clean-up and organisation

m-toolbox/classes/@MCMC/MCMC.m | 1 +
m-toolbox/classes/@MCMC/defineLogLikelihood.m | 27 ++++++-----
m-toolbox/classes/@MCMC/mhsample.m | 28 +-----
m-toolbox/classes/@MCMC/preprocessMFH.m | 21 ++++++-----
4 files changed, 34 insertions(+), 43 deletions(-)

[2014-02-07 16:15:24 +0100][ac5d427] Nikos
Code optimisation. The mfh calculation otherwise is very-very slow

m-toolbox/classes/@MCMC/mhsample.m | 53 ++++++-----
1 file changed, 34 insertions(+), 19 deletions(-)

[2014-02-07 13:55:54 +0100][c980287] Nikos
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-02-07 13:28:16 +0100][755b689] Martin Hewitson
Cache the prefixes and values to speed this up.

m-toolbox/classes/@unit/unit.m | 4 ++++
1 file changed, 4 insertions(+)

[2014-02-07 13:27:34 +0100][d5c575f] Martin Hewitson
Some optimisation to speed this up. In particular, look at special cases of factoring the exponents and reduce the use of sprintf for trivial operations.

m-toolbox/classes/@unit/char.m | 34 ++++++-----
1 file changed, 26 insertions(+), 8 deletions(-)

[2014-02-07 13:26:53 +0100][dc251ab] Martin Hewitson
Some optimisation - we can cache some parts of the html, rather than reproducing them repeatedly.

m-toolbox/classes/@minfo/modelOverview.m | 11 ++++++---
1 file changed, 9 insertions(+), 2 deletions(-)

[2014-02-07 13:26:03 +0100][ebf7733] Martin Hewitson
Bug fix for MANTIS issue 715: the behaviour of getOptionsForParam('VERSION') seems to have changed, so make this more robust by using the version table directly.

m-toolbox/classes/@minfo/modelOverview.m | 13 ++++++-----
1 file changed, 7 insertions(+), 6 deletions(-)

[2014-02-07 13:24:37 +0100][8e3dfc8] Martin Hewitson
using our mat2str is faster.

m-toolbox/classes/+utils/@helper/objdisp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-07 13:01:11 +0100][50769b8] Nikos
mall typos and fixes

m-toolbox/classes/@MCMC/decision.m | 10 ++++++-----
m-toolbox/classes/@MCMC/logDecision.m | 2 +-
m-toolbox/classes/@MCMC/mhsample.m | 5 ++++-
3 files changed, 10 insertions(+), 7 deletions(-)

[2014-02-06 16:27:13 +0100][5499fed] Ingo Diepholz
New version of the getNodes() method. I will rename this method later to the getNodes() but at the moment I still want to check that this method works fine.

m-toolbox/classes/@history/getNodesNew.m | 124 ++++++-----
1 file changed, 124 insertions(+)

[2014-02-05 17:54:03 +0100][8bfdb7b] Ingo Diepholz
Merge branch 'origin/Ingo_reorganise_char()' of data_classes to 'development'

[2014-02-05 17:44:45 +0100][decea00] Ingo Diepholz
New char method for the fsdata class.

m-toolbox/classes/@fsdata/char.m | 35 ++++++-----
1 file changed, 35 insertions(+)

[2014-02-05 17:44:28 +0100][7fa6a49] Ingo Diepholz
New char method for the tsdata class.

m-toolbox/classes/@tsdata/char.m | 35 ++++++-----
1 file changed, 35 insertions(+)

[2014-02-05 17:44:08 +0100][dc74950] Ingo Diepholz
Uniform the output of the char methods.

m-toolbox/classes/@ltpda_data/char.m | 18 ++++++-----
1 file changed, 11 insertions(+), 7 deletions(-)

[2014-02-05 17:39:41 +0100][ce97512] Ingo Diepholz
Moved the char() function from the xyzdata class to the super class data3D.

m-toolbox/classes/@data3D/char.m | 20 ++++++-----
m-toolbox/classes/@xyzdata/char.m | 20 -----
2 files changed, 20 insertions(+), 20 deletions(-)

[2014-02-05 17:33:18 +0100][d7a6d13] Ingo Diepholz
The char() function of the data2D is similar to the version in ltpda_data class. So it is not necessary to provide the data2D version

m-toolbox/classes/@data2D/char.m | 26 -----
1 file changed, 26 deletions(-)

[2014-02-05 17:27:47 +0100][8123762] Ingo Diepholz
Reduce this method only to the parts which exist in the data2D class (only x- and y-axes).

m-toolbox/classes/@data2D/char.m | 33 +++++-----
1 file changed, 6 insertions(+), 27 deletions(-)

[2014-02-05 17:11:48 +0100][0125c3c] Ingo Diepholz
The method isprop still exist in the ltpda_obj class. The normal version isprop() (with the overhead) and the core version isprop_core()

m-toolbox/classes/+utils/@prog/isprop.m | 12 -----
m-toolbox/classes/+utils/@prog/prog.m | 1 -
2 files changed, 13 deletions(-)

[2014-02-05 16:42:03 +0100][bdb1213] Mauro Hueller
Bug fix for the case of no collection found

m-toolbox/classes/@collection/fromRepository.m | 6 +----
1 file changed, 4 insertions(+), 2 deletions(-)

[2014-02-05 16:29:44 +0100][b4a6d2f] Ingo Diepholz
Moved the char() method of the cdata class to the super class (ltpda_data)

m-toolbox/classes/@cdata/char.m | 22 -----
m-toolbox/classes/@ltpda_data/char.m | 22 ++++++
2 files changed, 22 insertions(+), 22 deletions(-)

[2014-02-05 15:02:39 +0100][74ac2bd] Martin Hewitson
Part of the history node optimising.

m-toolbox/classes/@history/hist2m.m | 32 ++++++-----
m-toolbox/classes/@history/plot.m | 6 +----
2 files changed, 24 insertions(+), 14 deletions(-)

[2014-02-05 15:02:21 +0100][6f96651] Martin Hewitson
Just a comment to think about.

m-toolbox/classes/@history/getNodes.m | 3 +++
1 file changed, 3 insertions(+)

[2014-02-05 14:55:43 +0100][b6e6ef5] Martin Hewitson
Improved the way the stop option works, and make it work for descending within objects in plists.

m-toolbox/classes/@history/hist2dot.m | 7 +++++-
m-toolbox/classes/@history/hist2m.m | 18 ++++++-----
m-toolbox/classes/@ltpda_uoh/rebuild.m | 10 +-----
m-toolbox/classes/@ltpda_uoh/type.m | 9 +-----
m-toolbox/classes/@plist/plist.m | 17 ++++++
m-toolbox/classes/@plist/plist2cmds.m | 36 ++++++-----
6 files changed, 55 insertions(+), 42 deletions(-)

[2014-02-05 14:51:34 +0100][0156ed0] Martin Hewitson
just check the length of the params field, it's faster.

m-toolbox/classes/@history/hist2dot.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-05 14:50:57 +0100][435a926] Martin Hewitson
Try creating arrays of structures in advance to speed this up.

m-toolbox/classes/@history/getNodes.m | 16 ++++++-----
1 file changed, 10 insertions(+), 6 deletions(-)

[2014-02-05 14:50:26 +0100][c7da130] Martin Hewitson
Remove this (what we think is) old code.

m-toolbox/classes/@history/getNodes.m | 6 -----
1 file changed, 6 deletions(-)

[2014-02-05 14:49:52 +0100][db22e80] Martin Hewitson
Remove unnecessary if statement, we think.

m-toolbox/classes/@history/getNodes.m | 6 ++----
1 file changed, 2 insertions(+), 4 deletions(-)

[2014-02-05 14:45:25 +0100][0f4ecb8] Martin Hewitson
This is a much better way to make an exception list from the constructor info and the VERSION key.

m-toolbox/classes/+utils/@models/mainFnc.m | 6 ++++--
1 file changed, 4 insertions(+), 2 deletions(-)

[2014-02-05 14:44:44 +0100][cd29348] Martin Hewitson
Bug fix: we need to access only the default key when printing the error message.

m-toolbox/classes/@plist/append.m | 2 +--
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-05 14:44:09 +0100][6cba5dd] Martin Hewitson
Cache the user's prefs, at least between clear alls.

m-toolbox/classes/@time/time.m | 16 ++++++-----
1 file changed, 12 insertions(+), 4 deletions(-)

[2014-02-05 12:56:50 +0100][172cbc3] Martin Hewitson
Actually, this is even easier: cdata never has these properties. Doh.

m-toolbox/classes/@cdata/char.m | 22 +-----
1 file changed, 1 insertion(+), 21 deletions(-)

[2014-02-05 12:26:47 +0100][9432dd9] Martin Hewitson
cleaning up the output formatting a little.

m-toolbox/classes/@history/getNodes.m | 5 ++----
1 file changed, 2 insertions(+), 3 deletions(-)

[2014-02-05 12:26:30 +0100][f66f6a7] Martin Hewitson
A faster version of isprop than the MATLAB one, which we can use in the data char methods.

m-toolbox/classes/+utils/@prog/isprop.m | 12 ++++++
m-toolbox/classes/+utils/@prog/prog.m | 1 +
m-toolbox/classes/@cdata/char.m | 8 +----
m-toolbox/classes/@data2D/char.m | 10 +-----
4 files changed, 22 insertions(+), 9 deletions(-)

[2014-02-04 13:11:56 +0100][bc22e04] Martin Hewitson
bug fix: ao.y always returns a column, which is not what we want here, because the shape matters.

m-toolbox/classes/@ao/subsData.m | 2 +--
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-04 13:11:32 +0100][c52d91e] Martin Hewitson
only try to fill if the segment has a gap in it.

m-toolbox/classes/@ao/cgfill.m | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

[2014-02-04 13:11:13 +0100][bab25eb] Martin Hewitson
The debug mode had two undefined variables - a result of the recent refactoring.

m-toolbox/classes/@ao/cgfill.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2014-02-04 13:10:45 +0100][29ec9d6] Martin Hewitson
Bug fix: variable typo

m-toolbox/classes/@ao/cgfill.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-02-04 11:52:43 +0100][fea40e9] Martin Hewitson
Improved reporting.

m-toolbox/classes/@ao/split.m | 10 +++++-----
1 file changed, 5 insertions(+), 5 deletions(-)

[2014-02-04 11:52:31 +0100][c062956] Martin Hewitson
There are constructors which return more than one object, so we have to loop over the objects before trying to apply split().

m-toolbox/classes/@ao/ao.m | 12 ++++++-----
1 file changed, 8 insertions(+), 4 deletions(-)

[2014-02-04 09:53:59 +0100][325d3b6] Martin Hewitson
Rather than applying defaults in processModelInputs, it's better to do it in mainFcn so that the history plist doesn't get broken.

m-toolbox/classes/+utils/@models/mainFcn.m | 7 +++++-
m-toolbox/classes/+utils/@models/processModelInputs.m | 5 +----
2 files changed, 8 insertions(+), 4 deletions(-)

[2014-02-03 18:44:11 +0100][82c0afb] Ingo Diepholz
Merge branch 'origin/Ingo_MANTIS_539_iploTTY_xunits'

[2014-02-03 18:43:41 +0100][0777482] Ingo Diepholz
Add the feature: 'Xunits' where the user can specify the units of time on the x-axis. The possible values are: 'us' - microseconds 'ms' - milliseconds 's' - seconds 'm' - minutes 'h' - hours 'D' - days But this works only if the x-units of the input AOs are [s].

m-toolbox/classes/@ao/iplotTY.m | 46 ++++++-----
1 file changed, 44 insertions(+), 2 deletions(-)

[2014-02-03 18:36:45 +0100][d2c8792] Ingo Diepholz
Merge branch 'origin/Ingo_MANTIS_517_linkaxes'

[2014-02-03 18:35:35 +0100][85168bb] Ingo Diepholz
add tests

.../+checkFcns/+ao/check_split_history.m	45 +++
.../+checkFcns/+ao/check_split_output.m	65 +++++
.../+checkFcns/check_callerIsMethodMultOut.m	34 +++
.../test_cov.m	135 ++++++
.../test_split_chunks.m	179 ++++++
.../test_split_frequencies.m	251 ++++++
.../test_split_offsets.m	239 ++++++
.../test_split_samples.m	156 ++++++
.../test_split_time_length.m	32 +++
.../test_split_times.m	303 ++++++
.../test_split_timespan.m	32 +++
11 files changed, 1471 insertions(+)	

[2014-02-03 18:19:51 +0100][1bcd5c8] Ingo Diepholz
Bug fix: It is possible that a axes can have more lines. In this case I have to convert the cell-array into a 'normal' array.

m-toolbox/classes/@ao/iplot.m | 19 ++++++-----
1 file changed, 19 insertions(+)

[2014-02-03 17:02:34 +0100][614893b] Mauro Hueller
Added more tests

m-toolbox/test/utils/test_linear_fitting.m | 75 ++++++-----
1 file changed, 75 insertions(+)

[2014-02-03 17:02:21 +0100][910f4e9] Mauro Hueller
Type

m-toolbox/test/utils/test_linear_fitting.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-02-03 16:19:54 +0100][b8ccaaf] Ingo Diepholz
Remove output.

m-toolbox/classes/@ao/iplot.m | 1 -
1 file changed, 1 deletion(-)

[2014-02-03 15:50:27 +0100][1998374] Ingo Diepholz
Synchronize limits of the x-axes if the x-values are the same and the user wants 'subplots'

m-toolbox/classes/@ao/iplot.m | 67 ++++++-----
1 file changed, 63 insertions(+), 4 deletions(-)

[2014-02-02 15:02:23 +0100][cfc5e29] Nikos
Forgot to correct the default keys

.../mfh/mfh_model_delayed_diff_ts.m | 22 ++++++-----
1 file changed, 13 insertions(+), 9 deletions(-)

[2014-02-02 14:51:36 +0100][ee245c6] Nikos
Bug fixes and code optimisation

.../m/built_in_models/mfh/mfh_model_delay_ts.m | 12 +----
.../mfh/mfh_model_delayed_diff_ts.m | 45 ++++++-----
2 files changed, 40 insertions(+), 17 deletions(-)

[2014-01-31 16:42:35 +0100][1d90840] Nikos
Bug fix. Had forgotten a line here.

m-toolbox/m/built_in_models/mfh/mfh_model_delayed_diff_ts.m | 1 +
1 file changed, 1 insertion(+)

[2014-01-31 14:40:49 +0100][453265f] Martin Hewitson
Give a more comprehensive output. The idea is, if the user submits an object and fills all the information in the submission GUI, then this output plist contains all that meta data and can be immediately used to submit other objects.

m-toolbox/classes/@ltpda_uo/submit.m | 25 ++++++-----
1 file changed, 19 insertions(+), 6 deletions(-)

[2014-01-31 14:39:57 +0100][f635bb5] Martin Hewitson
New plist method which recreates a plot from a plot script.

m-toolbox/classes/@plist/recreatePlot.m | 68 ++++++-----
1 file changed, 68 insertions(+)

[2014-01-31 14:39:42 +0100][834e58a] Martin Hewitson
New tools for consolidating plots and storing the objects and scripts into a repository.

.../classes/+utils/@plottools/addRepositoryPatch.m | 66 +++
.../classes/+utils/@plottools/consolidatePlot.m | 573 ++++++-----
m-toolbox/classes/+utils/@plottools/plottools.m | 2 +
3 files changed, 641 insertions(+)

[2014-01-31 14:39:17 +0100][216e632] Martin Hewitson
General bug fix: this was never adapted to handle alternative keys, but it should be.

m-toolbox/classes/+utils/@helper/isSubmissionPlist.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-31 11:42:35 +0100][32716fc] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_694_ao/simplifyXunits' into development

[2014-01-31 11:40:57 +0100][65fcc27] Ingo Diepholz
Updated jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3528928 -> 3528928 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-01-31 11:38:14 +0100][1820eea] Ingo Diepholz
New method which simplifies the x-units and/or applies the prefixes to the data.

m-toolbox/classes/@ao/simplifyXunits.m | 119 ++++++
1 file changed, 119 insertions(+)

[2014-01-31 11:38:00 +0100][929b486] Ingo Diepholz
New method which simplifies the z-units and/or applies the prefixes to the data.

m-toolbox/classes/@ao/simplifyZunits.m | 119 ++++++
1 file changed, 119 insertions(+)

[2014-01-31 11:37:09 +0100][6197269] Ingo Diepholz
Auto indent

m-toolbox/classes/@ao/simplifyYunits.m | 0
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-01-31 11:29:13 +0100][631c653] Ingo Diepholz
Uses the simplify on the ltpda_vector level.

m-toolbox/classes/@ao/simplifyYunits.m | 41 +-
1 file changed, 2 insertions(+), 39 deletions(-)

[2014-01-31 11:28:28 +0100][e39cdef] Ingo Diepholz
New method which simplify the units and/or applies the prefixed to the data

m-toolbox/classes/@ltpda_vector/simplifyUnits.m | 78 ++++++
1 file changed, 78 insertions(+)

[2014-01-31 10:15:19 +0100][78f8ac5] Martin Hewitson
Merge branch 'development' into reproduce_plots

[2014-01-30 20:53:49 +0100][2f22ea9] Mauro Hueller
Merge branch 'development' into linear_fitters

[2014-01-30 19:55:08 +0100][b8f9156] Mauro Hueller
Bug fixes here and there. A little bit of code optimization

m-toolbox/classes/@ao/polynomfit.m | 58 ++++++
1 file changed, 27 insertions(+), 31 deletions(-)

[2014-01-30 19:31:30 +0100][1969b02] Mauro Hueller
Revert "Bug fix"

m-toolbox/classes/@ao/polynomfit.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-01-30 19:30:07 +0100][b92d80f] Mauro Hueller
Bug fix

m-toolbox/classes/@ao/polynomfit.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-01-30 19:27:25 +0100][4b61edd] Mauro Hueller
A general recoding so that we can handle (according to textbooks) the uncertainty associated with x. If the user does not provide a guess p0, then the guess values are taken from a first fit performed without taking them into account. A second fit is then run adding the contribution of the dx field, calculated according to error propagation formula

m-toolbox/classes/@ao/polynomfit.m | 81 ++++++
1 file changed, 46 insertions(+), 35 deletions(-)

[2014-01-30 19:21:28 +0100][f6fca62] Mauro Hueller
Bug fix for the case of dx uncertainty.

m-toolbox/classes/+utils/@math/linfit.m | 15 ++++++-----
1 file changed, 9 insertions(+), 6 deletions(-)

[2014-01-30 18:49:17 +0100][7b0c4e2] Mauro Hueller
Bug fixes

m-toolbox/classes/+utils/@math/linfit.m | 14 ++++++-----
1 file changed, 10 insertions(+), 4 deletions(-)

[2014-01-30 18:43:15 +0100][0755997] Mauro Hueller
Introduced tests for the dx field handling

m-toolbox/test/utils/test_linear_fitting.m | 55 ++++++-----
1 file changed, 43 insertions(+), 12 deletions(-)

[2014-01-30 17:06:17 +0100][ea5fe5b] Mauro Hueller
Cosmetics, just to improve code readability

m-toolbox/classes/+utils/@math/linfit.m | 8 +-----
1 file changed, 4 insertions(+), 4 deletions(-)

[2014-01-30 16:21:43 +0100][6136bd4] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-01-30 16:20:36 +0100][9095791] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_649_MarkerFaceColor' into development

[2014-01-30 16:18:41 +0100][504df23] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-01-30 16:18:37 +0100][8205325] Ingo Diepholz
Update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 3528636 -> 3528928 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-01-30 16:18:18 +0100][7b8b862] Ingo Diepholz
New method which converts a java Color to a MATLAB Color.

.../src/mpipeline/ltpdapreferences/PlotStyle.java | 23 ++++++-----
1 file changed, 18 insertions(+), 5 deletions(-)

[2014-01-30 16:17:10 +0100][83fab81] Ingo Diepholz
Modify the applyLineStyle method because of the new "markerEdgeColor", "markerFaceColor" and "fillmarker" properties.

m-toolbox/classes/@plotinfo/plotinfo.m | 7 ++++++
1 file changed, 7 insertions(+)

[2014-01-30 16:15:53 +0100][e5546cb] Ingo Diepholz
new method which defines if the plot function should fill the marker or not.

m-toolbox/classes/@ltpda_uoh/setPlotFillmarker.m | 115 ++++++-----
1 file changed, 115 insertions(+)

[2014-01-30 14:50:48 +0100][1708f79] Ingo Diepholz
Update jar file

src/MPipeline2/dist/MPipeline2.jar | Bin 3528715 -> 3528636 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-01-30 14:50:10 +0100][2034309] Ingo Diepholz

- Remove DEFAULT_MARKER_EDGE_COLOR, DEFAULT_MARKER_FACE_COLOR and DEFAULT_FILL_MARKERS - Bug fix:
Use the color from this.color if "markerEdgeColor" and "markerFaceColor" doesn't exist in the XML
file.

.../src/mpipeline/ltpdapreferences/PlotStyle.java | 24 ++++++-----
1 file changed, 10 insertions(+), 14 deletions(-)

[2014-01-30 13:57:34 +0100][182c162] Ingo Diepholz
setPlotMarkerEdgeColor

.../classes/@ltpda_uoh/setPlotMarkerEdgeColor.m | 114 ++++++-----
1 file changed, 114 insertions(+)

[2014-01-30 13:57:19 +0100][24b0f98] Ingo Diepholz
new method: setPlotMarkerFaceColor

.../classes/@ltpda_uoh/setPlotMarkerFaceColor.m | 114 ++++++-----
1 file changed, 114 insertions(+)

[2014-01-30 13:28:50 +0100][97d7ebd] Ingo Diepholz
Update jar file.

src/MPipeline2/dist/MPipeline2.jar | Bin 4119488 -> 3528715 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2014-01-30 13:28:40 +0100][050c78a] Ingo Diepholz
Add the proeprties: markerEdgeColor, markerFaceColor and fillmarkers.

.../src/mpipeline/ltpdapreferences/PlotStyle.java | 77 ++++++-----
1 file changed, 62 insertions(+), 15 deletions(-)

[2014-01-30 13:28:01 +0100][0103e29] Ingo Diepholz
Use a constructor which doesn't set the removed 'builtin' property.

.../ltpdapreferences/PlotStylesPrefGroup.java | 28 ++++++-----
1 file changed, 14 insertions(+), 14 deletions(-)

[2014-01-30 13:27:07 +0100][ba5fed3] Ingo Diepholz
Add new method "getColorFromNode" which uses a default value if the Color doesn't exist.

src/MPipeline2/src/mpipeline/utis/MXMLUtils.java | 24 ++++++-----
1 file changed, 24 insertions(+)

[2014-01-30 11:43:36 +0100][9f26976] Ingo Diepholz
Remove not used property 'buitin'.

.../src/mpipeline/ltpdapreferences/PlotStyle.java | 27 +-----
1 file changed, 5 insertions(+), 22 deletions(-)

[2014-01-30 11:38:18 +0100][a97ba12] Nikos
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-01-30 10:58:41 +0100][e4a2459] Nikos
Added the choice for fractional delay. Saves computation time in particular cases

.../mfh/mfh_model_delayed_diff_ts.m | 31 ++++++-----
1 file changed, 27 insertions(+), 4 deletions(-)

[2014-01-30 09:58:17 +0100][b54fa1f] Mauro Hueller
Cosmetics

m-toolbox/classes/@plist/remove.m | 6 +---
1 file changed, 3 insertions(+), 3 deletions(-)

[2014-01-30 09:57:52 +0100][a4599c0] Mauro Hueller
Removing this warning

m-toolbox/classes/@plist/remove.m | 6 -----
1 file changed, 6 deletions(-)

[2014-01-30 09:41:24 +0100][d411b15] Nikos
cosmetics and fixes

m-toolbox/classes/@MCMC/mhsample.m | 34 ++++++-----
1 file changed, 17 insertions(+), 17 deletions(-)

[2014-01-29 21:22:52 +0100][5295878] Mauro Hueller
Merge branch 'development' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into development

[2014-01-29 15:55:44 +0100][5403cb8] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_573_fromDatafile(robust)' into development

[2014-01-29 15:48:02 +0100][e97890c] Ingo Diepholz
Small modification to the documentation of reading datafiles.

m-toolbox/classes/@ao/ao.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-29 15:41:49 +0100][0033304] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_573_fromDatafile(robust)' into development

[2014-01-29 15:38:47 +0100][7bfd890] Ingo Diepholz
MANTIS 573: Adapt the description of robust datafile reading because the 'robust' reading is not really robust. In this case must be the data separated by blanks. So long I remember is the only benefit of 'robust' reading that the data-lines can have a comment at the end of the line e.g.:

m-toolbox/classes/@ao/ao.m | 11 +++++-----
1 file changed, 5 insertions(+), 6 deletions(-)

[2014-01-29 14:25:17 +0100][00ef215] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_626_helptoc.xml' into development

[2014-01-29 14:24:45 +0100][ca036b4] Ingo Diepholz
Create the help folder before copying files into this folder.

m-toolbox/makeToolbox.m | 1 +
1 file changed, 1 insertion(+)

[2014-01-29 14:13:51 +0100][ce82e3f] Ingo Diepholz
Remove the part where we handle the old helptoc.xml layout versions because with R2010a (requirements) do we support only the newest version of the helptoc.xml layout.

m-toolbox/m/etc/ltpda_startup.m | 39 +++-----
m-toolbox/makeToolbox.m | 2 +-
2 files changed, 4 insertions(+), 37 deletions(-)

[2014-01-29 14:09:57 +0100][4fd7e55] Ingo Diepholz
These helptoc.xml files are not longer needed because we don't support MATLAB version less than R2010a.

m-toolbox/html_help/help/helptocR2009a.xml | 394 -----
m-toolbox/html_help/help/helptocR2009b.xml | 400 -----
m-toolbox/html_help/help/helptocR2010a.xml | 400 -----
3 files changed, 1194 deletions(-)

[2014-01-29 13:01:23 +0100][c0d6a09] Mauro Hueller
Expanding the test cases to test also ao.bilinfit. Just starting, more work needed

m-toolbox/test/utis/test_linear_fitting.m | 17 ++++++-----
1 file changed, 16 insertions(+), 1 deletion(-)

[2014-01-29 12:58:16 +0100][5e97189] Mauro Hueller
Merge branch 'development' into linear_fitters

[2014-01-29 12:05:29 +0100][8e97793] Mauro Hueller

```

Using plist.applyDefaults rather than plist.combine so to preserve the presence of alternative keys
in the user plist

m-toolbox/classes/+utils/@models/processModelInputs.m | 7 +++++--
1 file changed, 5 insertions(+), 2 deletions(-)

-----
[2014-01-29 12:04:24 +0100][c63fcba] Mauro Hueller
Added support for a third input, where the caller function (user) can specify the 'action on
failure', i.e. the behavior to follow when a parameter in the user plist is not found in the
default one

m-toolbox/classes/@plist/applyDefaults.m | 4 ++++
1 file changed, 4 insertions(+)

-----
[2014-01-28 22:35:53 +0100][7138b97] Mauro Hueller
Fixing the test cases: for lscov we need to specify weights

m-toolbox/test/utlis/test_linear_fitting.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

-----
[2014-01-28 17:21:28 +0100][c0b313f] Ingo Diepholz
Merge remote-tracking branch 'origin/development' into Ingo_development

-----
[2014-01-28 17:20:12 +0100][a7103b9] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_633_pest/table' into development

-----
[2014-01-28 17:19:00 +0100][370bb14] Ingo Diepholz
typo

m-toolbox/classes/@pest/jtable.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-01-28 17:18:40 +0100][188206d] Ingo Diepholz
New Method which display PEST object on the command line as a table.

m-toolbox/classes/@pest/table.m | 129 ++++++
1 file changed, 129 insertions(+)

-----
[2014-01-27 17:29:07 +0100][406a1e1] Ingo Diepholz
bug fix: Removed test line.

m-toolbox/classes/@pest/jtable.m | 1 -
1 file changed, 1 deletion(-)

-----
[2014-01-27 17:25:20 +0100][eb25b4e] Ingo Diepholz
a

src/DataTable/dist/README.TXT | 5 +-
1 file changed, 2 insertions(+), 3 deletions(-)

-----
[2014-01-27 17:24:50 +0100][3db2b26] Ingo Diepholz
Make the DataTableModel more general so that the user can use different data-types in the table
(e.g. Strings)

src/DataTable/dist/DataTable.jar | Bin 22818 -> 23403 bytes
src/DataTable/src/datatable/DataTableModel.java | 104 ++++++
src/DataTable/src/datatable/TableForm.java | 77 ++++++
3 files changed, 120 insertions(+), 61 deletions(-)

-----
[2014-01-27 17:22:55 +0100][f574e01] Ingo Diepholz
Use the data model which is in the datatable package instead of using
javax.swing.table.DefaultTableModel.

m-toolbox/classes/@pest/jtable.m | 56 ++++++
1 file changed, 28 insertions(+), 28 deletions(-)

-----
[2014-01-27 11:03:04 +0100][743178a] Nikos
Small fix

```

```

m-toolbox/classes/@MCMC/mhsample.m | 6 ++++--
1 file changed, 4 insertions(+), 2 deletions(-)

-----
[2014-01-26 14:07:46 +0100][23ddc4f] Mauro Hueller
Cosmetics

m-toolbox/classes/@ao/lscov.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-01-26 14:07:04 +0100][119678b] Mauro Hueller
Make sure we call Matlab's lscov passing only the weights vector or the covariance matrix

m-toolbox/classes/@ao/lscov.m | 4 ++++
1 file changed, 4 insertions(+)

-----
[2014-01-26 14:05:38 +0100][cb04953] Mauro Hueller
I think this is not the correct usage of Matlab's lscov.

m-toolbox/classes/@ao/lscov.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-01-25 16:04:01 +0100][05c2188] Mauro Hueller
Minor

m-toolbox/classes/@ao/lincom.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2014-01-25 15:40:45 +0100][2e67189] Mauro Hueller
Introduced error propagation for the dy field, under the assumption that the uncertainty in the
objects involved in the combination are independent. This solves Mantis issue 0000706

m-toolbox/classes/@ao/lincom.m | 7 ++++++
1 file changed, 6 insertions(+), 1 deletion(-)

-----
[2014-01-25 12:16:23 +0100][a5c111d] Mauro Hueller
Updated tests: +) polyfit does not care about uncertainties in the data, so we need to compare
against the properly calculated values. +) order of coefficients is swapped in polyfit wrt to
linfit

m-toolbox/test/utis/test_linear_fitting.m | 26 ++++++-----
1 file changed, 18 insertions(+), 8 deletions(-)

-----
[2014-01-25 10:52:37 +0100][f8d3529] Mauro Hueller
Implemented ao.linfit as a wrapper of ao.polynomfit, so to ease code maintenance. This solves
MANTIS Issue 0000678

m-toolbox/classes/@ao/linfit.m | 129 +-----
1 file changed, 2 insertions(+), 127 deletions(-)

-----
[2014-01-25 10:52:18 +0100][b3276d2] Mauro Hueller
Bug fix: we need to skip the constant terms since 0*Inf = NaN

m-toolbox/classes/@ao/polynomfit.m | 3 +++
1 file changed, 3 insertions(+)

-----
[2014-01-24 18:16:51 +0100][4835352] Ingo Diepholz
update jar file

src/DataTable/dist/DataTable.jar | Bin 20883 -> 22818 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

-----
[2014-01-24 17:30:05 +0100][6be7bb6] Ingo Diepholz
New method which displays PEST objects in a java table.

m-toolbox/classes/@pest/jtable.m | 108 ++++++
1 file changed, 108 insertions(+)

-----
[2014-01-24 17:23:13 +0100][f0c58fa] Ingo Diepholz

```


1. Add hotkeys META-W or CTRL-W to close the table. 2. Add getter method for the table so that the user can set their own table-model-.

```
src/DataTable/src/datatable/TableForm.java | 39 ++++++-----  
1 file changed, 37 insertions(+), 2 deletions(-)
```

[2014-01-23 14:38:04 +0100][8a8d859] Mauro Hueller
Merge branch 'development' into linear_fitters

[2014-01-22 16:20:23 +0100][3293b4b] Mauro Hueller
Following a little bit more the textbooks: if the user did not provide dy, then we get a first estimate of the parameters with equal weights, then estimate 'a posteriori' the single point uncertainty, then eventually apply lscov again to get estimate of the uncertainty of the parameters, under the hypothesis that $\chi^2 = 1$

```
m-toolbox/classes/@ao/linfit.m      | 10 ++++++--  
m-toolbox/classes/@ao/polynomfit.m | 10 ++++++--  
2 files changed, 16 insertions(+), 4 deletions(-)
```

[2014-01-22 15:14:33 +0100][6560b53] Mauro Hueller
Reduce the tolerance for χ^2 tests. The numerical issues in the calculation of this quantity matter a bit.

```
m-toolbox/test/utis/test_linear_fitting.m | 8 +++----  
1 file changed, 4 insertions(+), 4 deletions(-)
```

[2014-01-22 15:13:32 +0100][d5fba29] Mauro Hueller
Given the numbers we are dealing with, the tolerance here needs to be relaxed

```
m-toolbox/test/utis/test_linear_fitting.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-01-22 15:02:40 +0100][9ac7264] Mauro Hueller
Back to default

```
m-toolbox/test/utis/test_linear_fitting.m | 3 +--  
1 file changed, 1 insertion(+), 2 deletions(-)
```

[2014-01-22 15:02:10 +0100][5dbc896] Mauro Hueller
Speeding up things during tests

```
m-toolbox/test/utis/test_linear_fitting.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2014-01-22 14:45:53 +0100][4b5e5c4] Mauro Hueller
Added support for reduced test list

```
m-toolbox/test/utis/test_linear_fitting.m | 42 ++++++-----  
1 file changed, 38 insertions(+), 4 deletions(-)
```

[2014-01-22 13:25:27 +0100][122bfb1] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_development' into development

[2014-01-22 13:24:59 +0100][0fde67a] Ingo Diepholz
Merge remote-tracking branch 'origin/development' into Ingo_development

[2014-01-22 13:20:41 +0100][2d3fbfb] Ingo Diepholz
New logical operators for the timespan class.

```
m-toolbox/classes/@timespan/ge.m | 54 ++++++-----  
m-toolbox/classes/@timespan/gt.m | 54 ++++++-----  
m-toolbox/classes/@timespan/le.m | 54 ++++++-----  
m-toolbox/classes/@timespan/lt.m | 54 ++++++-----  
4 files changed, 216 insertions(+)
```

[2014-01-22 12:35:34 +0100][5207d0d] Mauro Hueller
1) Fixing Mantis Issue 0000677: in the case the user provides no dy information, the fit is done under the assumption that $\chi^2 = 1$ 2) Code restructured so to be in line with ao.linfit, that we want to merge in at some point 3) In the case the input data have dx and the user does not provide

a initial guess p0, only throw a warning rather than an error. This should be made deeper here, going for a recursive call

m-toolbox/classes/@ao/polynomfit.m | 110 ++++++-----
1 file changed, 72 insertions(+), 38 deletions(-)

[2014-01-22 12:03:23 +0100][0c7d815] Mauro Hueller
Little cleanup on comments, variable renaming

m-toolbox/classes/@ao/linfit.m | 22 ++++++-----
1 file changed, 12 insertions(+), 10 deletions(-)

[2014-01-22 11:56:01 +0100][6151629] Mauro Hueller
Added the possibility to run the tests for the individual methods, or just a subset of them

m-toolbox/test/utis/test_linear_fitting.m | 84 ++++++-----
1 file changed, 66 insertions(+), 18 deletions(-)

[2014-01-21 12:06:26 +0100][a95c2ca] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_development' into development

[2014-01-21 12:04:53 +0100][f2ea881] Ingo Diepholz
Throw individual errors instead of collection the checks with an AND-condition.

m-toolbox/classes/@time/ge.m | 10 +++++-----
m-toolbox/classes/@time/gt.m | 10 +++++-----
m-toolbox/classes/@time/le.m | 10 +++++-----
m-toolbox/classes/@time/lt.m | 10 +++++-----
4 files changed, 24 insertions(+), 16 deletions(-)

[2014-01-20 21:18:11 -0500][7aff07f] James Ira Thorpe
Added output file and display features to fminsearchbnd

m-toolbox/classes/@mfh/fminsearchbnd.m | 164 ++++++-----
1 file changed, 148 insertions(+), 16 deletions(-)

[2014-01-20 21:17:28 -0500][9d429f1] James Ira Thorpe
fixed some cosmetic issues and a bug for the case where user passes options

m-toolbox/classes/@mfh/fminsearch.m | 13 +++++-----
1 file changed, 7 insertions(+), 6 deletions(-)

[2014-01-20 15:18:34 +0100][42c315b] Ingo Diepholz
Merge remote-tracking branch 'origin/development' into Ingo_development

[2014-01-20 15:17:28 +0100][2928080] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_plist/matchKeyWithRegexp_fix' into development

[2014-01-20 15:15:59 +0100][1a80333] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_development' into Ingo_plist/matchKeyWithRegexp_fix

[2014-01-20 15:08:33 +0100][f6cc4d3] Ingo Diepholz
bug fix

m-toolbox/classes/@plist/matchKeyWithRegexp.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-20 15:05:49 +0100][27bd941] Ingo Diepholz
Major bug fix: The local function localRegexpI tried to find a key in all keys by checking the start-index and end-index of the matches. But with regular expressions exist a much easier way to check if the expression matches the whole string by using the '^' (match at the begin) and the '\$' (match at the end)

m-toolbox/classes/@plist/matchKeyWithRegexp.m | 24 ++++++-----
1 file changed, 9 insertions(+), 15 deletions(-)

[2014-01-20 14:23:34 +0100][cb148e5] Ingo Diepholz

```

modify the regular expression in such way that the expression checks if the name is the full
expression (Add at the begin '^' and at the end '$' to the expression)

m-toolbox/classes/+utils/@repository/existObjectInDB.m | 5 +----
1 file changed, 1 insertion(+), 4 deletions(-)

-----
[2014-01-20 13:11:42 +0100][91df00c] Nikos
Added more sanity checks, errors and warnings

m-toolbox/classes/@MCMC/mhsample.m | 50 ++++++-----
1 file changed, 39 insertions(+), 11 deletions(-)

-----
[2014-01-20 11:47:12 +0100][6611c71] Martin Hewitson
Merge branch 'development' into mfh_speedup

-----
[2014-01-20 11:23:44 +0100][c9ce0a4] Martin Hewitson
Bug fix: I believe the vertices for the interpolation case were wrongly computed.

m-toolbox/classes/@ao/consolidate.m | 3 +--
1 file changed, 1 insertion(+), 2 deletions(-)

-----
[2014-01-17 13:50:19 -0500][63b854f] James Ira Thorpe
Added some additional info to the output file

m-toolbox/classes/@mfh/fminsearch.m | 49 ++++++-----
1 file changed, 23 insertions(+), 26 deletions(-)

-----
[2014-01-17 13:32:11 -0500][e194f96] James Ira Thorpe
Added optional display for parameters during fminsearch

m-toolbox/classes/@mfh/fminsearch.m | 56 ++++++-----
1 file changed, 48 insertions(+), 8 deletions(-)

-----
[2014-01-17 11:49:55 -0500][ee3994f] James Ira Thorpe
Added option to log intermediate steps in a file as well as put the search chain history into the
output object's procinfo

m-toolbox/classes/@mfh/fminsearch.m | 123 ++++++-----
1 file changed, 111 insertions(+), 12 deletions(-)

-----
[2014-01-17 15:36:11 +0100][3f33057] Martin Hewitson
Replace the function from the statistics toolbox with the equivalent function from our MCMC class.

m-toolbox/classes/@ao/subsData.m | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

-----
[2014-01-16 16:41:42 +0100][4634eac] Ingo Diepholz
Adapt this function in such way that it also look for a UUID instead of a name.

.../classes/+utils/@repository/existObjectInDB.m | 34 ++++++-----
1 file changed, 33 insertions(+), 1 deletion(-)

-----
[2014-01-15 15:55:25 +0100][13e9a74] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_521_matrix/double'

-----
[2014-01-15 15:55:01 +0100][287f8fd] Ingo Diepholz
New method: matrix/double

m-toolbox/classes/@matrix/double.m | 91 ++++++-----
1 file changed, 91 insertions(+), 1 deletion(-)

-----
[2014-01-15 15:53:16 +0100][54e4668] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_628_ao/cast'

-----
[2014-01-15 15:52:55 +0100][0892d38] Ingo Diepholz
Change the category from 'helper' to 'converter'

m-toolbox/classes/@ao/cast.m | 2 +-

```

1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-15 14:15:27 +0100][988872b] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_628_ao/cast'

[2014-01-15 14:12:52 +0100][d23759a] Ingo Diepholz
New method which converts the numerical values of an A0 (data and error) to a new data type.

```
m-toolbox/classes/@ao/cast.m | 103 ++++++
m-toolbox/classes/@data2D/cast.m | 16 +++++
m-toolbox/classes/@data3D/cast.m | 16 +++++
m-toolbox/classes/@ltpda_data/cast.m | 15 +++++
m-toolbox/classes/@ltpda_vector/cast.m | 16 +++++
5 files changed, 166 insertions(+)
```

[2014-01-14 15:21:57 +0100][a46f637] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_699_gen_pad'

[2014-01-14 15:21:32 +0100][fdcf9a1] Ingo Diepholz
- Use the vector from the PLIST for padding. - simplify logic.

```
m-toolbox/classes/@ao/pad.m | 35 ++++++-----
1 file changed, 21 insertions(+), 14 deletions(-)
```

[2014-01-14 14:53:38 +0100][f4bfdaf] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_MANTIS_699_gen_pad'

[2014-01-14 14:49:58 +0100][45875c9] Ingo Diepholz
Call the more general A0 method 'pad' with the value 0.

```
m-toolbox/classes/@ao/zeropad.m | 93 ++-----
1 file changed, 4 insertions(+), 89 deletions(-)
```

[2014-01-14 14:48:09 +0100][d67be5d] Ingo Diepholz
New A0 method called ao/pad which does all the job of zeropad but allows specifying the value.

```
m-toolbox/classes/@ao/pad.m | 161 ++++++
1 file changed, 161 insertions(+)
```

[2014-01-13 10:36:19 -0500][0308d08] Martin Hewitson
Merge branch 'master' into cgfill_curt2

[2014-01-13 10:04:50 -0500][c73e5d0] Martin Hewitson
Just adding a comment so that we remember the logic here.

```
m-toolbox/classes/@ao/cgfill.m | 4 +---
1 file changed, 1 insertion(+), 3 deletions(-)
```

[2014-01-13 09:31:06 -0500][b37470f] Martin Hewitson
Make sure that Cinv is compatible with the floored M. Without this, the segment length needs to be divisible by 4. This makes it more general.

```
m-toolbox/classes/@ao/subsData.m | 5 +++++
1 file changed, 5 insertions(+)
```

[2014-01-11 09:30:04 -0500][6a68e50] Martin Hewitson
Try to handle the case where it is only possible to do one segment. In this case, adjust the segment length to be the length of the data.

```
m-toolbox/classes/@ao/cgfill.m | 8 +++++-
1 file changed, 7 insertions(+), 1 deletion(-)
```

[2014-01-11 09:29:35 -0500][558df44] Martin Hewitson
Remove the 'iterations' option since subsData no longer has this option.

```
m-toolbox/classes/@ao/cgfill.m | 3 +--
1 file changed, 1 insertion(+), 2 deletions(-)
```

[2014-01-11 09:00:23 -0500][b745bde] Martin Hewitson
Bug fixing: now this properly handles cdata AOs and also puts alternative keys on the plist in the
procinfo.

m-toolbox/classes/@ao/find.m | 30 ++++++-----
1 file changed, 18 insertions(+), 12 deletions(-)

[2014-01-10 15:50:22 -0500][b6436e4] Martin Hewitson
Make sure we cache the seed in the history plist.

m-toolbox/classes/@ao/subsData.m | 3 +++
1 file changed, 3 insertions(+)

[2014-01-10 15:50:06 -0500][4c7a56c] Martin Hewitson
Remove the 'iterations' option since the algorithm no longer supports/needs it.

m-toolbox/classes/@ao/cgfill.m | 12 ++++++-----
m-toolbox/classes/@ao/subsData.m | 19 +------
2 files changed, 10 insertions(+), 21 deletions(-)

[2014-01-10 13:12:41 -0500][d8ba76b] Martin Hewitson
A mostly working segmented version of cgfill which may still need some more testing.

m-toolbox/classes/@ao/cgfill.m | 136 ++++++-----
1 file changed, 76 insertions(+), 60 deletions(-)

[2014-01-10 12:57:36 -0500][e6b6edd] James Ira Thorpe
Changes i how detrending is handled for constrained gaussian filling

m-toolbox/classes/@ao/subsData.m | 16 ++++++-----
1 file changed, 12 insertions(+), 4 deletions(-)

[2014-01-10 12:55:53 -0500][99efc56] James Ira Thorpe
Merge branch 'cgfill_curt2' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into
cgfill_curt2

[2014-01-09 17:29:42 +0100][09f826e] Ingo Diepholz
Merge branch 'Ingo_MANTIS_500_Header2Desc'

[2014-01-09 17:28:18 +0100][e160954] Ingo Diepholz
Add the feature that the user can define a number of the first N lines which go into the
description of all AOs.

m-toolbox/classes/@ao/fromDatafile.m | 15 ++++++-----
1 file changed, 11 insertions(+), 4 deletions(-)

[2014-01-09 17:27:17 +0100][15519e3] Ingo Diepholz
Add a new parameter 'HeaderLines' to the set 'from ascii file' which reads the first N lines and
put it into the description.

m-toolbox/classes/@ao/ao.m | 8 +++++-
1 file changed, 6 insertions(+), 2 deletions(-)

[2014-01-09 17:26:04 +0100][aa2da2f] Ingo Diepholz
Indent the description for the case that the description has some NEWLINES

m-toolbox/classes/@ao/display.m | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)

[2014-01-09 16:53:31 +0100][5fe516e] Ingo Diepholz
Remove the commented out trail to read the values as strings instead of doubles. With this it would
be possible that the user defines his own convert function (like: str2double, hex2double, ...) But
reading the values as strings and converting the strings into doubles take much much more time as
reading the values as double.

m-toolbox/classes/@ao/fromDatafile.m | 7 -----
1 file changed, 7 deletions(-)

[2014-01-09 10:34:28 -0500][158ab1d] Martin Hewitson
Slightly more robust incase the fit goes to inf at dc.

m-toolbox/classes/@ao/polyfitSpectrum.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-09 10:34:08 -0500][11ec3f0] Martin Hewitson
Bug fix: the code following this expects fout to be an A0.

m-toolbox/classes/@ao/polyfitSpectrum.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-09 08:38:05 -0500][cb65b46] Martin Hewitson
Cache the used indices in the procinfo.

m-toolbox/classes/@ao/split.m | 13 ++++++
1 file changed, 13 insertions(+)

[2014-01-09 08:36:46 -0500][1e4fa8a] Martin Hewitson
Merge branch 'master' into cgfill_curt2

[2014-01-09 08:35:48 -0500][1cd70c7] Martin Hewitson
a test script showing the use of ao/edgedetect and the pulse train model.

m-toolbox/test/test_ao_edgedetect.m | 27 ++++++
1 file changed, 27 insertions(+)

[2014-01-09 08:35:27 -0500][efa176f] Martin Hewitson
A new built-in ao model which constructs a binary pulse train from a defined set of edges.

.../m/built_in_models/ao/ao_model_pulsetrain.m | 170 ++++++
1 file changed, 170 insertions(+)

[2014-01-09 08:35:03 -0500][37c8c10] Martin Hewitson
A new method which detects edges in a binary pulse train.

m-toolbox/classes/@ao/edgedetect.m | 147 ++++++
1 file changed, 147 insertions(+)

[2013-11-06 13:53:14 -0500][948d7a5] James Ira Thorpe
Made changes to CG algorithm to reflect improvements implemented by C. Cutler in code delivered to Ira on 2013-11-04

m-toolbox/classes/@ao/subsData.m | 41 ++++++-----
1 file changed, 24 insertions(+), 17 deletions(-)

[2014-01-08 12:10:37 +0100][850d378] Ingo Diepholz
Bug fix: Add missing obj.data.fs to define the ent-time in the split by time length section.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-07 16:59:31 -0500][f54cff9] Martin Hewitson
An intermediate version which has segmented overlap filling almost working.

m-toolbox/classes/@ao/cgfill.m | 92 ++++++-----
1 file changed, 81 insertions(+), 11 deletions(-)

[2014-01-07 15:34:23 +0100][c532b0c] Ingo Diepholz
Add two missing sets 'By Time Length' and 'By Length' to the sets. That was the reason why these sets didn't appear on the html help page.

m-toolbox/classes/@ao/split.m | 2 ++
1 file changed, 2 insertions(+)

[2014-01-07 15:17:27 +0100][2907f40] Ingo Diepholz
Bug fix: The output which time length we use was not correct.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-07 15:16:19 +0100][9ebcaaf] Ingo Diepholz
Bug fix: If we round the time time to nearest multiple of fs then is it not necessary to add 1 because here calculate we the Number Of Samples.

m-toolbox/classes/@ao/split.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2014-01-06 16:47:22 -0500][c12f146] Martin Hewitson
Some initial refactoring in preparation for a more significant algorithm change.

m-toolbox/classes/@ao/cgfill.m | 165 ++++++-----
1 file changed, 87 insertions(+), 78 deletions(-)

[2014-01-06 13:18:57 -0500][622645c] James Ira Thorpe
Merge branch 'cgfill_curt' into cgfill_curt2

[2014-01-06 12:53:28 -0500][416a853] James Ira Thorpe
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src

[2013-12-19 12:38:11 +0100][bca89ab] Luigi Ferraioli
bug fixed, olap must be less than 1

m-toolbox/classes/@ao/getdof.m | 12 ++++++
1 file changed, 12 insertions(+)

[2013-12-19 11:15:22 +0100][6952df5] Martin Hewitson
A recent change means that when we set a single value, we automatically promote it to a vector of length(data).

.../classes/tests/ltpda_vector/@test_ltpda_vector/test_constructor.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-12-19 11:14:56 +0100][da05ee1] Martin Hewitson
The units field no longer has to be a unit object because it's expensive to keep creating these all the time.

.../classes/tests/ltpda_vector/@test_ltpda_vector/test_constructor.m | 1 -
1 file changed, 1 deletion(-)

[2013-12-19 11:09:41 +0100][6163300] Martin Hewitson
The basic ao plist now has 3 parameters since we added a timespan option.

.../classes/tests/@ltpda_uoh_tests/test_history_empty_constructor.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-12-18 13:54:42 +0100][3474261] Ingo Diepholz
Add prototype for the function warn_no_bt()

m-toolbox/classes/+utils/@helper/helper.m | 1 +
1 file changed, 1 insertion(+)

[2013-12-18 13:53:32 +0100][134da98] Ingo Diepholz
New method which shows a warning depending on the verbose level BUT without the backtrace informations.

m-toolbox/classes/+utils/@helper/warn_no_bt.m | 31 ++++++
1 file changed, 31 insertions(+)

[2013-12-18 13:37:55 +0100][6c43ccb] Ingo Diepholz
Reset persistent verbose level in case the user changed the level in the prefs.

m-toolbox/classes/@LTPDAprefs/cb_verboseLevelChanged.m | 3 +-
m-toolbox/classes/@LTPDAprefs/setPreference.m | 1 +
2 files changed, 3 insertions(+), 1 deletion(-)

[2013-12-18 13:36:29 +0100][274e66a] Ingo Diepholz

Improve `utils.helper.warn()` in such way that we respect the user's verbosity level when printing warning.

```
m-toolbox/classes/+utils/@helper/warn.m | 46 ++++++-----
m-toolbox/classes/@LTPDAworkbench/reset.m | 2 +-
m-toolbox/classes/@ao/gnuplot.m | 2 +-
m-toolbox/classes/@plist/parse.m | 2 +-
4 files changed, 43 insertions(+), 9 deletions(-)
```

[2013-12-17 17:49:39 +0100][047f98c] Nikos
Small bug fix: apply the window after the trimming of the data, not before

```
m-toolbox/m/built_in_models/mfh/mfh_model_fft_signals.m | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)
```

[2013-12-17 17:03:52 +0100][2302199] Ferran Gibert
Bug regarding x data settings in methods {'random', 'mean', 'previous'} fixed.

```
m-toolbox/classes/@ao/spikecleaning.m | 14 ++++-----
1 file changed, 4 insertions(+), 10 deletions(-)
```

[2013-12-17 14:01:43 +0100][cb5f525] Ingo Diepholz
Use the `utils.helper.callerIsMethod()` function to check if the called function is a method or not.

```
m-toolbox/classes/@collection/removeObjectAtIndex.m | 2 +-
m-toolbox/classes/@ltpda_tf/simplifyUnits.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)
```

[2013-12-17 14:00:50 +0100][91fc6a3] Ingo Diepholz
We don't support the 'internal' argument any more.

```
m-toolbox/m/mdcs/mdc1/ltpda_mdc1_ifo2acc_fd.m | 8 ++++----
m-toolbox/m/mdcs/mdc1/ltpda_mdc1_input_noises.m | 6 +++---
2 files changed, 7 insertions(+), 7 deletions(-)
```

[2013-12-17 13:59:44 +0100][1aa2bbd] Ingo Diepholz
We don't support the 'internal' argument any more.

```
m-toolbox/classes/@ao/lincom.m | 2 +-
m-toolbox/m/gui/ltpdv/callbacks/ltpdv_filterAdd.m | 4 +++-
2 files changed, 3 insertions(+), 3 deletions(-)
```

[2013-12-17 13:31:42 +0100][650de29] Ingo Diepholz
During the removal of the old 'internal' stuff the wrong logic got used here.

```
m-toolbox/classes/@smodel/simplifyUnits.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-17 13:31:22 +0100][0a079f9] Ingo Diepholz
bug fix: Build a PLIST from the key 'set' and the value 'for cpsdForIndependentInputs' because only arguments are not longer supported in the `ssm/reorganize` method.

```
m-toolbox/classes/@ssm/cpsdForIndependentInputs.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-17 13:12:36 +0100][2048f69] Martin Hewitson
During the removal of the old 'internal' stuff the wrong logic got used here.

```
m-toolbox/classes/@pest/find.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-17 13:12:14 +0100][87f932b] Martin Hewitson
Bug fix: we need to have an empty string for the caller is method case.

```
m-toolbox/classes/@ltpda_uo/setName.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-17 13:11:51 +0100][7bf6d14] Martin Hewitson
Merge branch 'master' of `gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src`

[2013-12-17 13:11:46 +0100][ce18ff8] Martin Hewitson
A new convenient method which wraps MATLAB's feval. The idea is to use this inside any built-in model or method where you need to be sure that history is added (a sort of bypass of callerIsMethod).

```
m-toolbox/classes/+utils/@helper/feval.m | 22 ++++++
m-toolbox/classes/+utils/@helper/helper.m | 2 ++
2 files changed, 24 insertions(+)
```

[2013-12-17 11:25:09 +0100][7e8294b] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-12-17 11:25:05 +0100][a5cd6d5] Ingo Diepholz
We don't support the 'internal' key as an input argument anymore. We use instead the utils.helper.callerIsMethod() function.

```
m-toolbox/classes/@ssm/cpsdForIndependentInputs.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-16 16:06:51 +0100][ea8d07e] Nikos
Update of built-in model/added cosmetics

```
.../m/built_in_models/mfh/mfh_model_fft_signals.m | 59 ++++++-----
1 file changed, 43 insertions(+), 16 deletions(-)
```

[2013-12-16 10:41:47 +0100][436d7e2] Nikos
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src

[2013-12-15 17:08:33 +0100][e9dde8a] Martin Hewitson
The indexing into the version table was wrong. We want to get the odd entries.

```
m-toolbox/classes/+utils/@models/getDefaultPlist.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-14 21:40:03 +0100][8771544] Nikos
fixed typo

```
m-toolbox/classes/@MCMC/mhsample.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-14 21:13:25 +0100][a064c50] Nikos
Merge branch 'mfh_speedup' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src into mfh_speedup

[2013-12-14 12:09:06 +0100][87d7032] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src

[2013-12-14 12:08:53 +0100][484b3c8] Martin Hewitson
Since we now don't define empty unit() objects for these properties, we can do it in a lazy fashion in the getters. This is needed otherwise elementOp gets upset.

```
m-toolbox/classes/@data2D/data2D.m | 3 +++
m-toolbox/classes/@ltpda_data/ltpda_data.m | 3 +++
2 files changed, 6 insertions(+)
```

[2013-12-13 18:05:13 +0100][8657735] Ingo Diepholz
Use the utils.helper.callerIsMethod() function instead of checking the last input argument to 'internal'

```
m-toolbox/classes/@filterbank/addFilters.m | 2 +-
m-toolbox/classes/@pest/find.m | 2 +-
m-toolbox/classes/@smodel/simplifyUnits.m | 2 +-
m-toolbox/classes/@ssm/cpsdForIndependentInputs.m | 2 +-
m-toolbox/classes/@ssm/duplicateInput.m | 2 +-
m-toolbox/classes/@ssm/modifyTimeStep.m | 2 +-
m-toolbox/classes/@ssm/parameterDiff.m | 2 +-
m-toolbox/classes/@ssm/sMinReal.m | 2 +-
m-toolbox/classes/@ssm/setBlockProperties.m | 2 +-
m-toolbox/classes/@ssm/setParams.m | 2 +-
m-toolbox/classes/@ssm/setPortProperties.m | 2 +-

```

```
m-toolbox/classes/@stattest/setData.m | 4 +++-
12 files changed, 14 insertions(+), 12 deletions(-)
```

[2013-12-13 18:03:29 +0100][092af68] Ingo Diepholz
We don't support anymore the 'internal' key as the last argument.

```
m-toolbox/classes/@ssm/kalman.m | 2 +-
m-toolbox/classes/@ssm/resp.m | 2 +-
m-toolbox/classes/@ssm/respst.m | 2 +-
m-toolbox/classes/@ssm/steadyState.m | 2 +-
m-toolbox/test/MDC2/test_ao_noisegen2D_mdc2.m | 8 ++++----
m-toolbox/test/draftConvert128_4toA0s.m | 8 ++++----
m-toolbox/test/test_ao_noisegen2D.m | 8 ++++----
m-toolbox/test/test_ao_noisegen2D_mdc2.m | 8 ++++----
8 files changed, 20 insertions(+), 20 deletions(-)
```

[2013-12-13 16:45:54 +0100][965c2a8] Ingo Diepholz
Merge remote-tracking branch 'origin/Ingo_make_testCallerIsMethod_static'

[2013-12-13 16:39:51 +0100][4224ddc] Ingo Diepholz
Merge remote-tracking branch 'origin/master' into Ingo_make_testCallerIsMethod_static

[2013-12-13 16:38:06 +0100][d6274dc] Ingo Diepholz
Update to the fact that the method 'testCallerIsMethod' is now a static method.

```
.../testFramework/ltpdaUnitTests/+checkFcns/check_callerIsMethod.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-13 16:37:37 +0100][902f13c] Ingo Diepholz
Kind of minor bug fix: Define the not used output variable with the right value.

```
m-toolbox/classes/@ltpda_uoh/testCallerIsMethod.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-13 16:36:28 +0100][3892b9c] Ingo Diepholz
Make the method testCallerIsMethod() static.

```
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-13 09:53:26 +0100][72b3411] Martin Hewitson
Turns out we can't use append here because sometimes the plist has a 'version' key in it, in which case append throws an error.

```
m-toolbox/classes/+utils/@models/getDefaultPlist.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-12-12 15:42:21 +0100][fb3b10c] Martin Hewitson
For now I'm reverting the changes here because it's more complicated than I first thought.

```
m-toolbox/classes/@unit/toSI.m | 20 ++-----
1 file changed, 2 insertions(+), 18 deletions(-)
```

[2013-12-12 09:33:15 +0100][55add51] Martin Hewitson
Another case where we need to cache the key.

```
m-toolbox/classes/@plist/pset.m | 2 ++
1 file changed, 2 insertions(+)
```

[2013-12-11 16:32:27 +0100][8282a99] Martin Hewitson
The last changes made this too simple ;) We do need to build all the units that we split otherwise we can't simplify later.

```
m-toolbox/classes/@unit/toSI.m | 6 +++---
1 file changed, 3 insertions(+), 3 deletions(-)
```

[2013-12-11 16:03:20 +0100][a4110fe] Martin Hewitson
Support callerIsMethod and clean up the plist keys and their support throughout.

```

m-toolbox/classes/@timespan/fromTimespanDef.m | 23 ++++++-----
m-toolbox/classes/@timespan/timespan.m | 24 ++++++-----
2 files changed, 30 insertions(+), 17 deletions(-)

```

[2013-12-11 16:00:59 +0100][d4834cc] Martin Hewitson
Bug fix: the version should go in as a string, not as a cell.

```

m-toolbox/classes/+utils/@models/getDefaultPlist.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

[2013-12-11 15:38:55 +0100][d59b200] Martin Hewitson
Rather than maintaining two almost identical functions we call addHistory() from addHistoryStep(). To make this work, we need to make addHistory() public and I choose to make it hidden. Also, we need to move the override in ltpda_algorithm so it has the same access status. Now, I don't think addHistoryStep() is actually needed anymore - it was provided to allow uses to make their own functions, but this was before we had extension modules, it was then used in the old built-in model format, but no longer.

```

../classes/@ltpda_algorithm/ltpda_algorithm.m | 3 -
m-toolbox/classes/@ltpda_uoh/ltpda_uoh.m | 2 +-
m-toolbox/m/helper/addHistoryStep.m | 99 +++-----
3 files changed, 11 insertions(+), 93 deletions(-)

```

[2013-12-11 15:22:16 +0100][5a5cde1] Ingo Diepholz
bug fix (offset section): We have only for a tsdata object an offset and not for a xydata object.

```

m-toolbox/classes/@ao/split.m | 2 ++
1 file changed, 2 insertions(+)

```

[2013-12-11 14:04:49 +0100][1dff4c5] Ingo Diepholz
Use in the third append section the sub-function add_param() because this function is used by the other two append sections and we have added the new feature that we build the 'keys' property to this function.

```

m-toolbox/classes/@plist/append.m | 22 ++++++-----
1 file changed, 7 insertions(+), 15 deletions(-)

```

[2013-12-11 12:10:40 +0100][fb35e15] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-12-11 12:06:42 +0100][a12fe4f] Ingo Diepholz
- Why do we support the special stop-indexes only for 'fsdata' and 'xydata'? It should be also possible for 'tsdata' object. - Moved the error which checks that the stop index is larger than the start index below modifying the stop-index for the special stop-indexes.

```

m-toolbox/classes/@ao/split.m | 8 +++-----
1 file changed, 3 insertions(+), 5 deletions(-)

```

[2013-12-11 10:30:23 +0100][00698f2] Martin Hewitson
We have to properly deal with the old split_type key otherwise applyDefaults complains. Also added some additional comments.

```

m-toolbox/classes/@ao/split.m | 29 ++++++-----
1 file changed, 17 insertions(+), 12 deletions(-)

```

[2013-12-11 10:20:53 +0100][d36a04a] Martin Hewitson
I think it's fine to assume that if a method is used in a built-in model then we can set callerIsMethod to true - models should take care of their own history and this makes a large speed improvement for models which use core LTPDA features.

```

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 8 ++++++
1 file changed, 8 insertions(+)

```

[2013-12-11 10:19:11 +0100][4ff0546] Martin Hewitson
Remove this (very) old constructor because it creates confusion with the new(ish) feature of exceptions in applyDefaults.

```

m-toolbox/classes/@plist/plist.m | 5 -----
1 file changed, 5 deletions(-)

```

[2013-12-11 10:18:35 +0100][dc0f17e] Martin Hewitson
Performance improvement: bail out if there's no default plist to inform the parsing.

m-toolbox/classes/@plist/parse.m | 7 ++++++
1 file changed, 7 insertions(+)

[2013-12-11 10:18:05 +0100][dac9e66] Martin Hewitson
In many cases we can cache any new plist keys rather than deleting the cache only to have it rebuilt later.

m-toolbox/classes/@plist/append.m | 16 +++-----
m-toolbox/classes/@plist/combine.m | 10 +++-----
m-toolbox/classes/@plist/plist.m | 12 ++++++++
m-toolbox/classes/@plist/pset_core.m | 6 +-----
4 files changed, 21 insertions(+), 23 deletions(-)

[2013-12-11 10:16:08 +0100][9f25783] Martin Hewitson
Simplifications and performance improvement.

m-toolbox/classes/@param/setDesc.m | 10 ++++++---
m-toolbox/classes/@param/setVal.m | 10 ++++++---
2 files changed, 14 insertions(+), 6 deletions(-)

[2013-12-11 10:15:51 +0100][ea70903] Martin Hewitson
If the returned object is empty, there's no need to continue.

m-toolbox/classes/@ltpda_uoh/fromModel.m | 5 +++++
1 file changed, 5 insertions(+)

[2013-12-11 10:15:33 +0100][ebb50a1] Martin Hewitson
Getting the ltpda version each time is expensive, so we cache it.

m-toolbox/classes/@ltpda_uo/retrieve.m | 11 ++++++---
1 file changed, 8 insertions(+), 3 deletions(-)

[2013-12-11 10:15:14 +0100][e578a0f] Martin Hewitson
Simplifications and bug fixes associated with handling the plists.

m-toolbox/classes/@ao/split.m | 36 ++++++-----
1 file changed, 16 insertions(+), 20 deletions(-)

[2013-12-11 10:13:49 +0100][c3ac79e] Martin Hewitson
A new feature for AOs. You can now specify a 'timespan' plist entry in any AO constructor and the object will be split before being returned. Obviously this only works for tsdata objects. For other data types a warning will be given and the timespan ignored.

m-toolbox/classes/@ao/ao.m | 14 ++++++
1 file changed, 14 insertions(+)

[2013-12-11 10:03:36 +0100][565c953] Martin Hewitson
We don't need to create such an elaborate plist to put in the history. Instead just create a simple one since it's much faster.

m-toolbox/classes/+utils/@models/getDefaultPlist.m | 5 +---
1 file changed, 2 insertions(+), 3 deletions(-)

[2013-12-11 10:03:00 +0100][f40767a] Martin Hewitson
Some performance improvements to the retrieve in timespan model.

.../ao/ao_model_retrieve_in_timespan.m | 177 ++++++-----
1 file changed, 98 insertions(+), 79 deletions(-)

[2013-12-10 18:12:49 +0100][04a6de7] Ingo Diepholz
Bug fix: Copy-past error. The object name is 'obj' and not 'pl'

m-toolbox/classes/@plist/removeKeys.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-12-10 14:03:37 +0100][418453b] Ingo Diepholz
Modify the method in that way that it ignores 'Transient', 'Dependent' and 'Constant' properties.

```

m-toolbox/classes/@ltpda_obj/isequalMain.m | 13 ++++++++
1 file changed, 13 insertions(+)

-----
[2013-12-10 12:40:27 +0100][106a1ed] Nikos
Useful utility function to wrap the fft of the data used in the log-likelihood. To be improved

.../m/built_in_models/mfh/mfh_model_fft_signals.m | 277 ++++++++
1 file changed, 277 insertions(+)

-----
[2013-12-09 19:49:46 +0100][fd4e656] Ingo Diepholz
Bug fix: Varargin doesn't contain only the user inputs it also contain a configuration structure.
That is the reason why we can't check for 'nargin' but rather for the length of 'inputs'

m-toolbox/classes/@ltpda_uoh/setPropertyValue.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2013-12-09 15:42:13 +0100][058c761] Martin Hewitson
Merge branch 'master' into mfh_speedup

-----
[2013-12-09 15:41:19 +0100][236b003] Martin Hewitson
We have to reset the transient function handle whenever the constant objects or sub functions
change.

m-toolbox/classes/@mfh/setConstObjects.m | 5 +++++
m-toolbox/classes/@mfh/setSubfuncs.m | 3 +++
2 files changed, 8 insertions(+)

-----
[2013-12-09 15:40:50 +0100][d7114da] Martin Hewitson
Rather than caching the empty plist in the object, we can just use a persistent variable here.

m-toolbox/classes/@mfh/eval.m | 8 ++++++-
m-toolbox/classes/@mfh/mfh.m | 7 +++++-
2 files changed, 13 insertions(+), 2 deletions(-)

-----
[2013-12-09 15:40:24 +0100][a7328ac] Martin Hewitson
Bug fix: wrong property name.

m-toolbox/classes/@ao/fromXYVals.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

-----
[2013-12-09 15:39:44 +0100][20080db] Martin Hewitson
bug fix: we need to set varargout.

m-toolbox/classes/+utils/@helper/msg_nnl.m | 1 +
1 file changed, 1 insertion(+)

-----
[2013-12-09 15:04:36 +0100][04ee507] Martin Hewitson
Make these support units and prefixes persistent between calls.

m-toolbox/classes/@unit/unit.m | 22 ++++++++-----
1 file changed, 20 insertions(+), 2 deletions(-)

-----
[2013-12-09 15:04:03 +0100][dca6a89] Martin Hewitson
remove unnecessary brackets.

m-toolbox/classes/@unit/unit.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2013-12-09 15:03:45 +0100][bc6efcd] Martin Hewitson
We only need to check the list if the string is not empty.

m-toolbox/classes/@unit/unit.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2013-12-09 15:03:22 +0100][cdc0dda] Martin Hewitson
Handle the common simple case of a single input character, e.g. V or m etc.

m-toolbox/classes/@unit/unit.m | 16 ++++++-----

```

1 file changed, 10 insertions(+), 6 deletions(-)

[2013-12-09 15:02:51 +0100][d70eac1] Martin Hewitson
Remove dead code

m-toolbox/classes/@unit/unit.m | 1 -
1 file changed, 1 deletion(-)

[2013-12-09 15:02:33 +0100][998156c] Martin Hewitson
Some logical improvements to speed this up.

m-toolbox/classes/@unit/toSI.m | 20 ++++++-----
1 file changed, 18 insertions(+), 2 deletions(-)

[2013-12-09 15:01:54 +0100][f3f514d] Martin Hewitson
declare these properties as transient so that they don't get saved in the MAT files.

m-toolbox/classes/@mfh/mfh.m | 2 +-
m-toolbox/classes/@plist/plist.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-12-09 15:01:26 +0100][93bcbab] Martin Hewitson
Handle the most common case and use length() instead of numel() because it's faster and the logic is the same.

m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 8 +++++-
1 file changed, 7 insertions(+), 1 deletion(-)

[2013-12-09 15:00:50 +0100][fbb907a] Martin Hewitson
Handle the most common cases first, then go on to the more expensive checks.

m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 26 ++++++-----
1 file changed, 23 insertions(+), 3 deletions(-)

[2013-12-09 15:00:01 +0100][cd41c10] Martin Hewitson
Switch the two cases around since the second seems to be the most common.

m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-12-09 14:58:56 +0100][e18e451] Martin Hewitson
Don't set empty units.

m-toolbox/classes/@data2D/data2D.m | 3 +-
m-toolbox/classes/@ltpda_data/ltpda_data.m | 3 +-
2 files changed, 4 insertions(+), 2 deletions(-)

[2013-12-09 14:58:15 +0100][15b57ac] Martin Hewitson
Set the units on the vector objects directly.

m-toolbox/classes/@ao/fromXYVals.m | 5 +++--
1 file changed, 3 insertions(+), 2 deletions(-)

[2013-12-09 14:57:54 +0100][fa6ee69] Martin Hewitson
Avoid making new unit objects - we can test without that.

m-toolbox/classes/@ao/fromXYVals.m | 6 +++--
1 file changed, 4 insertions(+), 2 deletions(-)

[2013-12-09 14:57:28 +0100][c061207] Martin Hewitson
Add the most common case so that we avoid expensive calls to callerIsMethod and collect_objects.

m-toolbox/classes/@ao/double.m | 12 ++++++
1 file changed, 12 insertions(+)

[2013-12-09 14:56:59 +0100][0acc87f] Martin Hewitson
Improve speed by better use of the persistent feature.

m-toolbox/classes/+utils/@helper/msg_nnl.m | 28 ++++++-----

1 file changed, 16 insertions(+), 12 deletions(-)

[2013-12-06 17:16:24 +0100][242e219] Ingo Diepholz

Bug fix in the feature 'split by frequencies' and a zero as the end index. It is necessary to distinguish between 'tsdata' and 'fsdata' because the 'Fs' is not always set for fsdata objects.

m-toolbox/classes/@ao/split.m | 7 +++++
1 file changed, 7 insertions(+)

[2013-12-06 12:36:32 +0100][80f3e04] Martin Hewitson

Cache a list of keys in the object so that getting them back is much faster. We do have to be careful to reset these 'transient' fields whenever the parameters change.

m-toolbox/classes/@plist/addAlternativeKeys.m | 3 +++
m-toolbox/classes/@plist/append.m | 12 ++++++++
m-toolbox/classes/@plist/applyDefaults.m | 6 +++++
m-toolbox/classes/@plist/combine.m | 4 ++++
m-toolbox/classes/@plist/getAllKeys.m | 17 ++++++++
m-toolbox/classes/@plist/getKeys.m | 13 ++++++++
m-toolbox/classes/@plist/matchKey_core.m | 8 ++++++
m-toolbox/classes/@plist/merge.m | 3 +++
m-toolbox/classes/@plist/plist.m | 12 ++++++++
m-toolbox/classes/@plist/pset.m | 1 +
m-toolbox/classes/@plist/pset_core.m | 3 +++
m-toolbox/classes/@plist/remove.m | 4 ++++
m-toolbox/classes/@plist/removeKeys.m | 3 +++
13 files changed, 81 insertions(+), 8 deletions(-)

[2013-12-06 12:35:37 +0100][a72be46] Martin Hewitson

Some further bug fixing and optimising.

m-toolbox/classes/@mfh/eval.m | 30 +++++-----
1 file changed, 6 insertions(+), 24 deletions(-)

[2013-12-06 12:35:18 +0100][4767f4b] Martin Hewitson

Maybe we don't need to have a default unit() object at build time.

m-toolbox/classes/@ltpda_vector/copy.m | 4 ++++
m-toolbox/classes/@ltpda_vector/ltpda_vector.m | 2 +-
2 files changed, 5 insertions(+), 1 deletion(-)

[2013-12-06 12:34:24 +0100][b68ef02] Martin Hewitson

Turns out that calling this function has a lot of overhead. So we can check for nargin in the calling functions where this proves to be a bottleneck.

m-toolbox/classes/@MCMC/ao2strucArrays.m | 2 +-
m-toolbox/classes/@ao/double.m | 2 +-
m-toolbox/classes/@ao/split.m | 2 +-
m-toolbox/classes/@ao/y.m | 2 +-
m-toolbox/classes/@ltpda_obj/isprop.m | 2 +-
m-toolbox/classes/@ltpda_uoh/setPropertyValue.m | 2 +-
m-toolbox/classes/@mfh/loglikelihood.m | 2 +-
m-toolbox/classes/@plist/addAlternativeKeys.m | 2 +-
m-toolbox/classes/@plist/append.m | 2 +-
m-toolbox/classes/@plist/combine.m | 2 +-
m-toolbox/classes/@plist/find.m | 2 +-
m-toolbox/classes/@plist/getAllKeys.m | 2 +-
m-toolbox/classes/@plist/getKeys.m | 2 +-
m-toolbox/classes/@plist/merge.m | 2 +-
m-toolbox/classes/@plist/parse.m | 2 +-
m-toolbox/classes/@plist/pset.m | 2 +-
m-toolbox/classes/@plist/remove.m | 2 +-
17 files changed, 17 insertions(+), 17 deletions(-)

[2013-12-06 09:30:09 +0100][64f658e] Martin Hewitson

make these new 'transient' properties private just to distinguish them. Maybe we can use some other property type here? Dynamic or something like that?

m-toolbox/classes/@mfh/mfh.m | 6 +++++
1 file changed, 6 insertions(+)

[2013-12-05 11:16:36 -0500][c1cd687] James Ira Thorpe

Further changes to incorporate tweaks by Curt in the handling of gaps near edges of data

```
m-toolbox/classes/@ao/subsData.m | 63 ++++++-----  
1 file changed, 54 insertions(+), 9 deletions(-)
```

```
-----  
[2013-12-05 15:53:54 +0100][8f10048] Martin Hewitson  
We can cache the function handle and an empty history plist to greatly speed up eval.
```

```
m-toolbox/classes/@mfh/eval.m | 45 ++++++-----  
m-toolbox/classes/@mfh/mfh.m | 4 ++++  
2 files changed, 39 insertions(+), 10 deletions(-)
```

```
-----  
[2013-12-05 14:10:28 +0100][a864fe1] Ingo Diepholz  
BUG FIX: It is necessary to set the 'gain' to the object and not to a structure 'bj.gain' --> Add  
missing 'o' -> 'obj.gain'
```

```
m-toolbox/classes/@pzmodel/fromDom.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2013-12-04 11:25:45 -0500][f34008a] James Ira Thorpe  
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src
```

```
-----  
[2013-12-04 17:04:45 +0100][5df52bc] Ingo Diepholz  
Add 'navs' and 'enbw' to the common test objects.
```

```
.../ltpdaUnitTests/ao/@TestCaseClass_ao/TestCaseClass_ao.m | 3 +++  
1 file changed, 3 insertions(+)
```

```
-----  
[2013-12-04 16:58:50 +0100][9f021da] Ingo Diepholz  
bug fix: Throw an error if the input value for 'navs' is a vector. The command for an error  
length(val) < 0 doesn't make sense.
```

```
m-toolbox/classes/@fsdata/fsdata.m | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
-----  
[2013-12-04 16:49:03 +0100][89b920c] Ingo Diepholz  
Use the ao/setNavs method instead of the data setter because for rebuilding this object is it  
necessary that the setter adds a history step
```

```
.../ltpdaUnitTests/ao/@TestCaseClass_ao/TestCaseClass_ao.m | 6 +++--  
1 file changed, 3 insertions(+), 3 deletions(-)
```

```
-----  
[2013-12-04 16:40:05 +0100][58f1f23] Ingo Diepholz  
Get the test objects from the input arguments if defined.
```

```
.../ltpdaUnitTests/ao/@TestCaseClass_ao/check_preservesDataShape.m | 5 +++++  
1 file changed, 5 insertions(+)
```

```
-----  
[2013-12-04 16:37:14 +0100][f59cb13] Ingo Diepholz  
Use the utils.math.isequal() function only for the case that the user have defined a 'TOL'  
tolerance.
```

```
m-toolbox/classes/@ltpda_obj/isequalMain.m | 5 +----  
1 file changed, 2 insertions(+), 3 deletions(-)
```

```
-----  
[2013-12-04 16:36:14 +0100][6136980] Ingo Diepholz  
I need these methods so that I can build fs-test objects with defined 'enbw' and 'navs' and the  
objects are rebuild-able.
```

```
m-toolbox/classes/@ao/setEnbw.m | 99 ++++++-----  
m-toolbox/classes/@ao/setNavs.m | 102 ++++++-----  
2 files changed, 201 insertions(+)
```

```
-----  
[2013-12-03 18:23:24 +0100][bb01522] Ingo Diepholz  
Suppress warnings by backuping and emptying the errors because setting new x-, or y-values with a  
different shape with show a warning and remove the errors.
```

```
m-toolbox/classes/@ao/split.m | 15 ++++++-----  
1 file changed, 11 insertions(+), 4 deletions(-)
```


[2013-12-03 13:49:38 +0100][05268f9] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-12-03 13:45:49 +0100][e3c0c86] Ingo Diepholz
It is not necessary to check in anyListInput(ts, testData, testAlgo, addArgsIn, exceptionList) the number of outputs because we do this also in chkNumInputEqOutput()

m-toolbox/testFramework/+unittest/@TestSuiteMethod/anyListInput.m | 7 ++-----
1 file changed, 2 insertions(+), 5 deletions(-)

[2013-12-03 13:44:31 +0100][731ffc9] Ingo Diepholz
Add remAlgoChkFcn() function

m-toolbox/testFramework/+unittest/@TestSuiteMethod/TestSuiteMethod.m | 5 ++++
1 file changed, 5 insertions(+)

[2013-12-03 13:44:14 +0100][902ab63] Ingo Diepholz
Cosmetics

.../testFramework/ltpdaUnitTests/+checkFcns/check_callerIsMethod.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-12-03 13:44:01 +0100][21c76aa] Ingo Diepholz
Update this check in that way that it can also handle multiple outputs.

.../ao/@TestCaseClass_ao/check_preservesDataShape.m | 8 ++++++
1 file changed, 6 insertions(+), 2 deletions(-)

[2013-12-03 13:43:48 +0100][bee39a9] Ingo Diepholz
Changed to number of values in the test object c1 (9 -> 64 values)

.../ltpdaUnitTests/ao/@TestCaseClass_ao/TestcaseClass_ao.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-12-03 13:43:09 +0100][a1de050] Ingo Diepholz
Update chk function to new error behaviour of 'times', 'mtimes', 'rdivide' and 'mrdivide'

.../ao/@TestCaseClassArithOp_ao/chkAopErrors.m | 14 ++++++-----
1 file changed, 7 insertions(+), 7 deletions(-)

[2013-12-03 13:41:40 +0100][8932fd8] Ingo Diepholz
Changed the access status of the chk...() function to public.

.../TestCaseClassDescriptiveStatistics_ao.m | 20 +-----
.../TestCaseClassGetter_ao.m | 55 ++++++-----
.../TestCaseClassOperator_ao.m | 36 ++++++-----
3 files changed, 57 insertions(+), 54 deletions(-)

[2013-12-03 13:40:55 +0100][bbc5e33] Ingo Diepholz
Changed the access status of the chk...() function to public.Cosmetics

.../ao/@TestCaseClassSignalPreProcessing_ao/test_downsample.m | 3 +++
.../ao/@TestCaseClassSignalPreProcessing_ao/test_gapfilling.m | 4 +++-
.../ao/@TestCaseClassSignalPreProcessing_ao/test_interp.m | 6 +++++-
.../ao/@TestCaseClassSignalPreProcessing_ao/test_interpmissing.m | 4 +++-
.../ao/@TestCaseClassSignalPreProcessing_ao/test_spikecleaning.m | 4 +++-
5 files changed, 16 insertions(+), 5 deletions(-)

[2013-12-03 13:39:23 +0100][1580656] Ingo Diepholz
Cosmetics

.../ao/@TestCaseClassSignalPreProcessing_ao/test_resample.m | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)

[2013-12-03 13:39:12 +0100][72816cc] Ingo Diepholz
Cosmetics

.../ao/@TestCaseClassSignalPreProcessing_ao/test_upsample.m | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)

```

-----
[2013-12-03 13:38:25 +0100][2d07584] Ingo Diepholz
Bug fix: Duplicate the input value only for numeric values

.../ltpdaUnitTests/base/@TestCaseClass_ltpda_obj/chkPropValue.m      | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2013-12-03 13:37:41 +0100][0b9d657] Ingo Diepholz
Changed the access status of the chk...() function to public.

.../base/@TestCaseClass_ltpda_obj/TestCaseClass_ltpda_obj.m          | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

-----
[2013-12-03 13:37:00 +0100][31f5f41] Ingo Diepholz
Update this check in that way that it can also handle multiple outputs.

.../ltpdaUnitTests/base/@TestCaseClass_ltpda_uoh/check_history.m     | 7 +++++-
1 file changed, 5 insertions(+), 2 deletions(-)

-----
[2013-12-03 13:36:48 +0100][3959a6c] Ingo Diepholz
Update this check in that way that it can also handle multiple outputs.

.../@TestCaseClass_ltpda_uoh/check_preservesPlotinfo.m               | 14 ++++++-----
1 file changed, 8 insertions(+), 6 deletions(-)

```