

Release Notes for LTPDA Toolbox v2.6

M Hewitson 2013-06-05

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Introduction

This version of LTPDA is 2.6. This document lists the changes since V2.5.5.

Main Changes

This version of LTPDA includes a vast number of speed improvements and bug fixes. In addition, the following significant changes are included in this release.

Function Handles

This release of LTPDA contains a first implementation of a new user-level class for creating LTPDA function handles. This class is called `mfh` and is somewhat similar to MATLAB function handles except that history is tracked.

Here are some example usages:

```
%% Simple function of x
f1 = mfh(plist('func', 'x.^2', 'inputs', {'x'}));
x1 = ao(12);
o1 = f1(x1);
```

```
%% Simple function of x and y
f2 = mfh(plist('func', 'x^2 + y^2', 'inputs', {'x', 'y'}));
x = ao(2);
y = ao(3);
o2 = f2(x, y)
```

```
%% chain functions
x = ao(2);
y = ao(3);
o4 = f2(f1(x), y)
```

```
%% Use constants
a = ao.randn(10,10);
c = ao(2);
f6 = mfh(plist('func', 'x + c.*x', 'inputs', 'x', ...
              'constants', {'c'}, 'constant objects', c));
o6 = f6(a)
```

```
%% Nest functions
c = ao(2);
h1 = mfh(plist('name', 'myFunc', 'func', 'x.^2', 'inputs', {'x'}));
f5 = mfh(plist('func', 'myFunc(x) + c.*x', ...
              'inputs', 'x', ...
              'subfuncs', h1, ...
              'constants', {'c'}, 'constant objects', c));
o5 = f5(a)
```

Algorithm Classes

There has been some work to implement what we call Algorithm Classes. That is, classes which are not associated with data, but instead implement an algorithm. You then create an instance of the algorithm and use it to process data. This is particularly sensible for complex algorithms because it allows us to keep the various utility functions and tests associated with the algorithm together in one class. This version of the toolbox includes

the base class for these algorithm classes, `ltpda_algorithm`, and a new implementation of the MCMC algorithm as one of these classes. We maintain backwards compatibility for the most part by creating an using an MCMC object with the `ao/mcmc` method. Nonetheless, this was a large structural change so please report any strange behaviour.

Other Changes

- 1) The state of the Franklin number generator used in the `ao(pzmodel)` constructor is now returned in the `procinfo` of the output `ao`, and can be input when constructing further AOs to continue the sequence.
- 2) You can now add and subtract `timespan` objects.
- 3) The `ssm/bode` method no longer throws an error if the system is not stable. Instead a warning is thrown.
- 4) The x ranges on an `ao/iplot` call can now be specified using `timespan` objects.
- 5) The equality operators `ao/eq` and `ao/ne` now return AOs containing logical values to match the behaviour of `ao/ge` and `ao/gt` etc.
- 6) The `ao/fft` method now supports other input data types (cdata and xydata). See commit dd86b5b below for details.
- 7) The user object `submit` and `bsubmit` methods now return a plist containing the IDs etc of the submitted objects.
- 8) The `ao` waveform constructor now has an 'offset' parameter.
- 9) The `ao/find` method can now be configured to return the indices of the samples found as the main output.
- 10) The `ao` data file reading constructor can now ignore header lines (via the 'ignorelines' plist key)
- 11) The `ao/split` method has a new way to split data: into segments of a defined length.
- 12) The `ao` constructor can now build 'from xyz' values.
- 13) All user object constructors now support wild-cards when reading from files, for example,

```
a = ao('*.mat')
```

- 14) You can now specify the vertices in `ao/interp` by passing an AO.
- 15) The `ao/delay` method now has a 'mode' parameter which has a default of 'samples' which keeps the old sample shifting behaviour. A new mode 'fftfilter' performs fft filtering using a simple delay model (constructed from a pzmodel) to apply the delay. Another mode 'timedomain' which does a time-domain fractional delay filtering of the data.

New Methods

- 1) The `ao` class has two new static convenience constructors, `ao.zeros` and `ao.ones`.
- 2) The matrix class now have a `sqrt` method.
- 3) There is a new `ao` method called `powerFit` to fit a power-law to a frequency series using a log-likelihood approach.

- 4) The **ao** class has a new method, **subsData**, which can replace the values at the specified indices in a number of different ways.
- 5) The **ao** class has a new method called **iacf** which computes the inverse-auto-correlation function of a spectrum. There is also a method **ao/cgfill** which uses **iacf** then **subsData** in constrained gaussian filling mode to fill a data series containing gaps. These methods should be considered as beta releases.
- 6) The **miir** and **mfir** classes have new convenience static constructors for creating standard filters: **miir.lowpass**, **miir.highpass**, **miir.bandpass**, **miir.bandreject**.
- 7) You can create 3D AOs from a sequence of 2D AOs (by forming a matrix from the y values) using the new **ao/scatter3D** method.
- 8) The **matrix** and **collection** classes have new methods: **uminus**, **lpsd**, **abs**, **consolidate**, **detrend**, **diff**, **heterodyne**, **polyfit**, **timeaverage**, **downsample**, **interp**, **interpmissing**, **removeVal**.
- 9) The **matrix** class gets other new methods: **fftfilter**,
- 10) The **collection** class gets other new methods: **cohere**, **cpsd**, **tfe**, **filter**, **filtfilt**

Deprecated and removed features

The following methods and features have been deprecated:

- 1) The LTPDAWorkbench is no longer supported but will kept in the toolbox as long as it continues to function. Once it fails to comply with the status of the toolbox, we will remove it from future releases.

The following methods and features have been removed:

- 1) Some constructors historically supported a call like this:

```
a = ao(plist('plist', plist('vals', 1:10)))
```

These nested **plist** calls are no longer supported.

MANTIS Issues

0000615	Bug Report	Capacitive actuation models descriptions are wrong
0000606	Change Request	Improvement to pipeline chainability
0000604	Bug Report	Bug in quicklook pipeline steps regarding the 'consolidated' subdir
0000619	Change Request	Pipelines should be allowed to retrieve data from multiple repositories/databases
0000631	Change Request	eliminating Running simulate complete when display time is 'false'
0000635	Change Request	ao/split only accepts a single timespan

0000627	Change Request	ao/heterodyne should accept a 'split' / 'times' option
0000640	Change Request	ao.diff should support order higher than 1 for the '3point' case
0000639	Bug Report	Hash files for extension modules
0000598	Bug Report	AO constructor from mat file doesn't set xunits
0000603	Bug Report	ao/plotSpectrogram not available
0000597	Change Request	ao/interp should accept an ao for the vertices
0000600	Change Request	ao/interp should accept AOs in input plist
0000596	Change Request	Searching in plists
0000622	Change Request	Display plist parameter properties
0000629	Bug Report	ao.linfit does not deal properly with data with no errors
0000616	Bug Report	linfitsvd.m is not dealing with units properly
0000614	Bug Report	submit/bsubmit methods should also return UUID
0000620	Change Request	Introducing windowing for FFT
0000623	Bug Report	Integrate does not look after units properly
0000621	Bug Report	test_ltp_iof2acc does not work ...
0000618	Change Request	Suppress output in ao/plot
0000602	Bug Report	3rd party extensions return error during ltpda_startup
0000611	Bug Report	Timespan objects should be accepted as x-range specifier
0000613	Bug Report	Vectors of time objects: issue with minus
0000612	Bug Report	Timespan class needs a minus method
0000599	Change Request	Bode plots for unstable SSM systems
0000605	Bug Report	Clicking help on STOCEstimateAcc/estimate_acc raises error
0000617	Change Request	Accessing param properties

Detailed changes since v2.5.5

 [2013-06-05 11:11:42 +0200][de2ee9c] Martin Hewitson

There's no reason (that I can see) to restrict this shape preserving behaviour to the non PSD case.

m-toolbox/classes/@ao/xspec.m | 2 --
 1 file changed, 2 deletions(-)

 [2013-06-05 10:31:56 +0200][170d9db] Ingo Diepholz

Add additional command to the 'legacy' mode of the random stream generator.

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

 [2013-06-05 05:32:45 +0200][e89103c] Martin Hewitson

Major bug: the delay was not being set in this constructor case for callerIsMethod.

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

[2013-06-04 19:46:22 +0200][5f94576] Ingo Diepholz
bug fix: Remove prototypes from the constructor where no code exist.

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

[2013-06-04 19:40:46 +0200][e47315e] Ingo Diepholz
bug fix: Maybe by accident sneaked the 'filterbank' two times into this file. -> I have removed one.

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

[2013-06-04 19:27:00 +0200][1a7f247] Ingo Diepholz
bug fix: It is not possible to have two definitions of a prototype

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

[2013-06-04 19:11:33 +0200][a3c4bfb] Ingo Diepholz
bug fix: If you want to use the static factory method minfo.getInfoAxis then it is necessary that the local function supports a 'set' as an input. wrong: function plout = getDefaultPlist() right: function plout = getDefaultPlist(set)

m-toolbox/classes/@ao/ao2numMatrices.m | 8 +-----
m-toolbox/classes/@pest/mve.m | 8 +-----
2 files changed, 10 insertions(+), 6 deletions(-)

[2013-06-04 19:04:01 +0200][a68ee02] Ingo Diepholz
Add the feature of the info-call to the function.

m-toolbox/classes/@mfh/paramCovMat.m | 47 +-----
1 file changed, 44 insertions(+), 3 deletions(-)

[2013-06-04 19:03:16 +0200][22b4302] Ingo Diepholz
Define the method declare_objects() as hidden to the user.

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

[2013-06-04 19:02:57 +0200][c7011e5] Ingo Diepholz
Define the method subsasgn() as hidden to the user.

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

[2013-06-04 19:02:25 +0200][9d03b45] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-06-04 19:02:19 +0200][4f40d0d] Ingo Diepholz
Define the method diff2p_core() as hidden to the user.

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

[2013-06-04 18:54:18 +0200][23f5b4e] Martin Hewitson
Make sure we remove java connection objects from the history because we can't save them.

m-toolbox/m/built_in_models/ao/ao_model_retrieve_in_timespan.m | 10 ++++++
1 file changed, 7 insertions(+), 3 deletions(-)

[2013-06-04 18:53:52 +0200][eaa0931] Martin Hewitson
fix indentation

0 files changed

[2013-06-04 18:45:44 +0200][f5e4f03] Ingo Diepholz
Make the function fisher() hidden to the user because it is a kind of utility function.

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

[2013-06-04 18:45:10 +0200][9c3b325] Ingo Diepholz
Make the functions fisher() and diffStepFish() hidden to the user because they are a kind of utility functions.

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

[2013-06-04 18:42:38 +0200][1a19852] Ingo Diepholz
Add a blank after 'name' and 'func'

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

[2013-06-04 18:35:29 +0200][f7d54b5] Ingo Diepholz
Some modification

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

[2013-06-04 18:27:33 +0200][96c383a] Ingo Diepholz
bug fix: Display the 'description' WITH a content. Add the 'UUID' to the output.

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

[2013-06-04 18:12:49 +0200][14051b3] Ingo Diepholz
Maybe a nicer way to display the sub functions.

m-toolbox/classes/@mfh/display.m | 36 ++++++
1 file changed, 36 insertions(+), 0 deletions(-)

1 file changed, 30 insertions(+), 6 deletions(-)

[2013-06-04 17:35:18 +0200][d14a282] Ingo Diepholz
bug fix: Used wrong index for the sub-functions.

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

[2013-06-04 17:32:17 +0200][1691bf3] Ingo Diepholz
Some modification to display of the sub-functions.

m-toolbox/classes/@mfh/display.m | 12 ++++++-----
1 file changed, 10 insertions(+), 2 deletions(-)

[2013-06-04 17:21:53 +0200][cbaff07] Ingo Diepholz
char displays the mfh object like: FuncName(in1, in2, ...) = functionString

m-toolbox/classes/@mfh/char.m | 22 ++++++-----
1 file changed, 15 insertions(+), 7 deletions(-)

[2013-06-04 17:21:28 +0200][af0afa2] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-06-04 17:21:21 +0200][ba83a02] Ingo Diepholz
char displays the mfh object like: FuncName(in1, in2, ...) = functionString

m-toolbox/classes/@mfh/display.m | 57 ++++++-----
1 file changed, 50 insertions(+), 7 deletions(-)

[2013-06-04 15:31:30 +0200][21d924b] Martin Hewitson
Some minor format improvements.

m-toolbox/classes/@pest/display.m | 12 +++++-----
1 file changed, 6 insertions(+), 6 deletions(-)

[2013-06-04 15:31:16 +0200][645a3f2] Martin Hewitson
Bug fix: make sure we assign names, one for each numerical value.

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

[2013-06-04 14:24:05 +0200][ba5cad6] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-06-04 14:23:51 +0200][eee341d] Martin Hewitson
Remove plist keys which are not used in the code.

m-toolbox/classes/@ao/spsdSubtraction.m | 8 -----
1 file changed, 8 deletions(-)

[2013-06-04 14:21:26 +0200][fe3c1e1] Ingo Diepholz
Display the parameters in a new way. I hope that the others will like it.

m-toolbox/classes/@pest/display.m | 29 ++++++-----
1 file changed, 25 insertions(+), 4 deletions(-)

[2013-06-04 14:20:37 +0200][3047554] Ingo Diepholz
Remove the dump() method and add the new output format to the display method.

m-toolbox/classes/@pest/pest.m | 26 -----
1 file changed, 26 deletions(-)

[2013-06-04 12:17:27 +0200][90227e0] Ingo Diepholz
Remove an old constructor which builds from a PLIST with a parameter 'plist' and a PLIST as the value an object. The user shouldn't use nested PLIST he should use the PLIST direct. For example: old: ao(plist('plist', plist('xvals', 1:1e3, 'yvals', randn(1e3,1)))) new: ao(plist('xvals', 1:1e3, 'yvals', randn(1e3,1))) This constructor was used for our first GUI.

m-toolbox/classes/@ao/ao.m | 7 -----
m-toolbox/classes/@mfir/mfir.m | 11 -----
m-toolbox/classes/@miir/miir.m | 11 -----
m-toolbox/classes/@pzmodel/pzmodel.m | 5 -----
m-toolbox/classes/@rational/rational.m | 8 -----
5 files changed, 42 deletions(-)

[2013-06-04 06:12:01 +0200][d8dcfb3] Martin Hewitson
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-06-04 06:09:23 +0200][045bee0] Martin Hewitson
Clean up these numeric one and two argument constructors so that the history is properly recorded and rebuilding works. We just take short cuts for callerIsMethod cases.

m-toolbox/classes/@pzmodel/pzmodel.m | 15 ++++++-----
1 file changed, 9 insertions(+), 6 deletions(-)

[2013-06-03 22:25:20 +0200][fc43623] Martin Hewitson
Remove this switching off of warnings, especially since it isn't balanced with a switching on of the warnings.

m-toolbox/classes/+utils/@math/vdfit.m | 1 -
1 file changed, 1 deletion(-)

[2013-06-03 20:08:21 +0200][d4bc582] Martin Hewitson
Remove this switching off of warnings, especially since it isn't balanced with a switching on of the warnings.

m-toolbox/classes/+utils/@math/vcfifit.m | 1 -
1 file changed, 1 deletion(-)

[2013-06-03 16:42:04 +0200][b5f5e41] Ingo Diepholz
BUG FIX: We can only set the parameter to its value if the value is a single value AND if the properties of the paramValue is empty.

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

[2013-06-03 16:13:25 +0200][882d294] Ingo Diepholz

bug fix: Add a special case if the user uses an array as an input of the collection constructor. The old command with 'num2cell' doesn't work because the subsref of the mfh and/or collection class doesn't like the indexing in 'num2cell'. Martin must check if this version works for him.

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

[2013-06-03 15:26:08 +0200][41c9203] Ingo Diepholz

I'm not sut if this is correct. Nikos must check my changes.

[2013-06-03 15:23:42 +0200][d92a1c1] Ingo Diepholz

I'm not sut if this is correct. Nikos must check my changes.

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

[2013-06-03 15:23:08 +0200][57e9e3e] Ingo Diepholz

bug fix: In this subfunction it is not possible to keep the shape of the AO because the AO doesn't exist in this sub-function.

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

[2013-06-03 15:20:30 +0200][faee11c] Ingo Diepholz

bug fix: The method fft_plain_core is a static method and so it is necessary to use the command for the static method.

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

[2013-06-03 15:14:42 +0200][bd47aaa] Nikos

Small bug fix

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

[2013-06-03 14:06:52 +0200][b29e9ee] Ingo Diepholz

Add the classes 'MCMC' and the super class 'ltpda_algorithm' to the installation.

m-toolbox/makeToolbox.m | 1 +
1 file changed, 1 insertion(+)

[2013-06-03 13:57:26 +0200][beb9e61] Ingo Diepholz

Move the directory @ltpda_algorithm which comes from the repository ltpda_extensions tot he correct class folder.

@ltpda_algorithm/ltpda_algorithm.m | 230 -----
@ltpda_algorithm/tests/test_empty_constructor.m | 10 -
@ltpda_algorithm/tests/test_rebuild.m | 8 -
.../classes/@ltpda_algorithm/ltpda_algorithm.m | 230 ++++++

```
.../tests/test_empty_constructor.m      | 10 +
.../classes/@ltpda_algorithm/tests/test_rebuild.m | 8 +
6 files changed, 248 insertions(+), 248 deletions(-)
```

[2013-06-03 13:54:12 +0200][05a7bd9] Ingo Diepholz
Merge branch 'p2'

[2013-06-03 13:47:14 +0200][6e9a954] Mauro Hueller
I think we should always return the info in the plist

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

[2013-06-03 13:43:34 +0200][eab005d] Ingo Diepholz
Grap all files in @ltpda_algorithm and move them into a new folder. This is necessary to move this directory to another repository.

```
@ltpda_algorithm/ltpda_algorithm.m      | 230 ++++++
@ltpda_algorithm/tests/test_empty_constructor.m | 10 ++
@ltpda_algorithm/tests/test_rebuild.m      | 8 +
ltpda_algorithm.m                        | 230 -----
tests/test_empty_constructor.m            | 10 --
tests/test_rebuild.m                      | 8 -
6 files changed, 248 insertions(+), 248 deletions(-)
```

[2013-06-03 13:42:26 +0200][3efb65c] Mauro Hueller
Added 2 fields 'submit_hostname' and 'submit_database' to the output plist

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

[2013-06-03 12:47:28 +0200][580ce72] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src

[2013-06-03 12:46:32 +0200][4afcab4] Mauro Hueller
We should always return a plist.

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

[2013-06-03 12:38:19 +0200][10f22bd] Martin Hewitson
we can cache this MATLAB version info, at least between 'clear all's. This is much faster.

```
m-toolbox/classes/@plist/getSetRandState.m | 21 ++++++
1 file changed, 16 insertions(+), 5 deletions(-)
```

[2013-06-03 12:30:06 +0200][915414d] Martin Hewitson
When building from a parameter it is not necessary to store the random number generator state in the history plist.

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

[2013-06-03 12:22:11 +0200][c5db4d2] Mauro Hueller
Supporting the hash files also from svn and hg

m-toolbox/classes/@ltpda_uoh/requirements.m | 7 +++++--
1 file changed, 5 insertions(+), 2 deletions(-)

[2013-06-03 12:11:39 +0200][cfd07b2] Martin Hewitson
Added some additional comments so that we can think about this further later.

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

[2013-06-03 05:44:50 +0200][22e5201] Mauro Hueller
Introducing support for the syntax a = find(pl, 'key', opt_val)

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

[2013-06-02 14:46:40 +0200][8c15bd8] Martin Hewitson
This piece of code doesn't work for mfh objects because it breaks the subs ref stuff. Not sure if this replacement is equivalent. To be discussed.

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

[2013-06-02 12:04:06 +0200][8c028f4] Martin Hewitson
Ok, this was a wrong move because we do want to copy the input data object.

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

[2013-06-02 09:54:10 +0200][832512d] Martin Hewitson
set directly, skipping the setter which makes a copy of the time object, but we already make a copy by calling the plus operator.

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

[2013-06-02 09:53:29 +0200][3f8f6bd] Martin Hewitson
Various fixes to comments.

m-toolbox/classes/@ltpda_uo/save.m | 2 +-
m-toolbox/classes/@tsdata/saveobj.m | 10 +++++-----
2 files changed, 6 insertions(+), 6 deletions(-)

[2013-06-02 09:53:08 +0200][d444b5e] Martin Hewitson
cache the matlab version since ver is quite expensive.

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

[2013-06-02 07:23:44 +0200][be6e89d] Martin Hewitson
Fix in help text.

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

[2013-06-02 07:23:26 +0200][9424aaa] Martin Hewitson
Rather than composing from two models, build from expression strings. This is much poorer regarding code maintenance and testing, but somewhat faster in the end. Needs more thinking.

.../mfh/mfh_model_delayed_filtered_ts.m | 22 ++++++-----
1 file changed, 8 insertions(+), 14 deletions(-)

[2013-06-02 07:22:44 +0200][9d8d8b6] Martin Hewitson
A new built-in model which does a delayed derivative. The input time-series is delayed and then the derivative computed.

.../mfh/mfh_model_delayed_diff_ts.m | 199 ++++++-----
1 file changed, 199 insertions(+)

[2013-06-02 07:22:13 +0200][c9df9b1] Martin Hewitson
Reinstate this line of code. The TODO comment above was good forward thinking because in fact this doesn't work for recursive calls, and we need that for the function handles eval. Needs more discussion and thinking.

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

[2013-06-02 06:25:56 +0200][ff8b2c8] Martin Hewitson
Bug fix: the complex transpose was being used, resulting in the wrong phase at the output.

m-toolbox/m/built_in_models/mfh/mfh_model_delayed_filtered_ts.m | 4 +---
1 file changed, 2 insertions(+), 2 deletions(-)

[2013-06-02 06:25:21 +0200][7f72b66] Martin Hewitson
Added a new version which implements the delay via fft filtering. For better code maintenance this version just makes a filter function handle and a delay function handle and combines them.

.../mfh/mfh_model_delayed_filtered_ts.m | 72 ++++++-----
1 file changed, 72 insertions(+)

[2013-06-02 06:24:26 +0200][78c8522] Martin Hewitson
Split documentation between the description and the documentation section.

m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 7 +-----
.../built_in_models/mfh/mfh_model_delayed_filtered_ts.m | 17 ++++++-----
m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 7 +-----
3 files changed, 14 insertions(+), 17 deletions(-)

[2013-06-02 06:19:22 +0200][1d4caaa] Martin Hewitson
Give descriptions of each version.

m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 4 +---

m-toolbox/m/built_in_models/mfh/mfh_model_delayed_filtered_ts.m | 4 +---
m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 4 +---
3 files changed, 6 insertions(+), 6 deletions(-)

[2013-06-01 15:57:29 +0200][190c964] Nikos

Fixed typo and added a plist key. Now the ao/fftfilt and the mfh built-in model give the same result

m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 7 ++++++-
1 file changed, 6 insertions(+), 1 deletion(-)

[2013-06-01 14:59:38 +0200][420ad1d] Nikos

A fix for the ao/split. Now it should not fail

m-toolbox/classes/@ao/split.m | 36 ++++++-----
m-toolbox/classes/@ao/split_samples_core.m | 6 +++++-
2 files changed, 30 insertions(+), 12 deletions(-)

[2013-06-01 14:22:48 +0200][16c1170] Nikos

Added a forgotten function to the ao class

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

[2013-05-31 21:04:14 +0200][92e8edd] Nikos

Copying the plist for the built-in models

m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 4 +---
m-toolbox/m/built_in_models/mfh/mfh_model_delayed_filtered_ts.m | 4 +---
m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 4 +---
3 files changed, 6 insertions(+), 6 deletions(-)

[2013-05-31 21:00:49 +0200][b9f9639] Nikos

Workaround for now for the history

m-toolbox/m/helper/addHistoryStep.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-05-31 20:38:55 +0200][7c6d758] Nikos

Reseting to the previous version of split in order to implement it better

m-toolbox/classes/@ao/split.m | 33 ++++++-----
1 file changed, 11 insertions(+), 22 deletions(-)

[2013-05-31 13:36:02 +0200][7294040] Nikos

Merge branch 'master' into Core_Fnc_Optim

[2013-05-31 11:03:44 +0200][1f4be20] Mauro Hueller

Bug fix: since we modify the input plist, we need to make sure we copy it

m-toolbox/classes/+utils/@helper/process_spectral_options.m | 5 +++++-
1 file changed, 4 insertions(+), 1 deletion(-)

[2013-05-31 10:28:58 +0200][6d8ad33] Nikos
Added another plist key for the name

m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 14 ++++++-----
.../mfh/mfh_model_delayed_filtered_ts.m | 18 ++++++-----
m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 16 ++++++-----
3 files changed, 40 insertions(+), 8 deletions(-)

[2013-05-30 20:57:13 +0200][33b1887] Martin Hewitson
We don't need the full back trace when displaying this warning.

m-toolbox/m/built_in_models/ao/ao_model_retrieve_in_timespan.m | 2 ++
1 file changed, 2 insertions(+)

[2013-05-30 20:35:23 +0200][e2f33f2] Martin Hewitson
Ensure warnings are on after an mc. We have some places in the toolbox where we switch warnings off, then back on. But if something interrupts that process, the warnings can be left switched off.

m-toolbox/m/helper/mc.m | 3 +++
1 file changed, 3 insertions(+)

[2013-05-30 18:02:58 +0200][fa31a3c] Nikos
Merge branch 'master' into Core_Fnc_Optim

[2013-05-30 16:25:09 +0200][ca4ac5d] Miquel Nofrarias
updating test_ao_dealy

m-toolbox/test/test_ao_delay.m | 129 ++++++-----
1 file changed, 116 insertions(+), 13 deletions(-)

[2013-05-30 16:24:41 +0200][7f9b945] Miquel Nofrarias
ao/delay uses core functions for time domain option

m-toolbox/classes/@ao/delay.m | 52 ++-----
1 file changed, 2 insertions(+), 50 deletions(-)

[2013-05-30 14:51:49 +0200][0478137] Nikos
Make sure that r and freqs have the same size

m-toolbox/classes/@pz/resp_add_delay_core.m | 2 ++
m-toolbox/m/built_in_models/mfh/mfh_model_delay_ts.m | 8 +++++--
2 files changed, 6 insertions(+), 4 deletions(-)

[2013-05-30 14:25:19 +0200][bb053cf] Nikos
A mfh for constructing delays

.../m/built_in_models/mfh/mfh_model_delay_ts.m | 169 ++++++-----
1 file changed, 169 insertions(+)

[2013-05-30 14:16:07 +0200][19f4955] Nikos
Fixed small typo-bugs

m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2013-05-30 14:08:34 +0200][32e779d] Nikos
Cosmetics

0 files changed

[2013-05-30 14:03:04 +0200][cd26606] Nikos
Corrected typos

m-toolbox/m/built_in_models/mfh/mfh_model_diff_ts.m | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)

[2013-05-30 13:56:09 +0200][4830148] Nikos
Cosmetics

0 files changed

[2013-05-30 13:54:55 +0200][3ab4c89] Nikos
Built-in model for a mfh that performs differentiation

.../m/built_in_models/mfh/mfh_model_diff_ts.m | 167 ++++++
1 file changed, 167 insertions(+)

[2013-05-30 13:16:06 +0200][6ba2820] Nikos
Cosmetics, and addd another version

.../mfh/mfh_model_delayed_filtered_ts.m | 88 ++++++
1 file changed, 75 insertions(+), 13 deletions(-)

[2013-05-30 12:47:12 +0200][2a8996a] Nikos
Change names again

.../mfh/mfh_model_delayed_filtered_force.m | 123 -----
.../mfh/mfh_model_delayed_filtered_ts.m | 123 ++++++
2 files changed, 123 insertions(+), 123 deletions(-)

[2013-05-30 12:46:26 +0200][f2b936d] Nikos
Necessary change to addHistoryStep. If object is a mfh, then objs(ii) tries to evaluate the function(ii) and it fails.
Adding objs.index(ii) solves it

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

[2013-05-30 12:39:40 +0200][12d7ca6] Nikos
Changed a name

.../mfh/mfh_delayed_filtered_force.m | 123 -----
.../mfh/mfh_model_delayed_filtered_force.m | 123 ++++++
2 files changed, 123 insertions(+), 123 deletions(-)

[2013-05-30 12:35:15 +0200][115041b] Nikos
added another option in the mfh class

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

[2013-05-30 12:19:56 +0200][7342ec6] Miquel Nofrarias
using the delay core function in reps

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

[2013-05-30 12:19:20 +0200][9782f15] Miquel Nofrarias
adding the function in the constructor

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

[2013-05-30 12:18:53 +0200][b108215] Miquel Nofrarias
adding core function to add a delay in freq. domain

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

[2013-05-30 08:50:15 +0200][e7220f9] Martin Hewitson
Merge branch 'master' into nasa_drift_mode_da

[2013-05-29 20:05:14 +0200][f84d159] Nikos
Added a getBuiltInModels function to the mfh class, and a first built-in function

m-toolbox/classes/@mfh/mfh.m | 11 ++
.../mfh/mfh_delayed_filtered_force.m | 123 ++++++
2 files changed, 134 insertions(+)

[2013-05-29 19:45:13 +0200][d24db3e] Miquel Nofrarias
adding test function for fractional delay core function

m-toolbox/test/test_ao_delay_fractional_core.m | 70 ++++++
1 file changed, 70 insertions(+)

[2013-05-29 19:44:25 +0200][3e09267] Miquel Nofrarias
adding the core function for fractional delay

m-toolbox/classes/@ao/delay_fractional_core.m | 59 ++++++
1 file changed, 59 insertions(+)

[2013-05-29 19:43:49 +0200][ce70452] Miquel Nofrarias
adding a core function for fractional delay

m-toolbox/classes/@ao/ao.m | 1 +

1 file changed, 1 insertion(+)

[2013-05-29 18:34:30 +0200][25bf402] Nikos
Zeropad core function

m-toolbox/classes/@ao/ao.m | 1 +
m-toolbox/classes/@ao/zeropad_post_core.m | 13 ++++++++
2 files changed, 14 insertions(+)

[2013-05-29 18:34:16 +0200][d9fc6d1] Nikos
Moved this function so we are able to access it. To be re-visited

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

[2013-05-29 16:07:43 +0200][e14cfe2] Nikos
listed another core function

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

[2013-05-29 15:51:18 +0200][c7c1224] Nikos
Forgot to list them to the ao class

m-toolbox/classes/@ao/ao.m | 5 +++++
m-toolbox/classes/@ao/fft_core.m | 33 ++++++-----
2 files changed, 16 insertions(+), 22 deletions(-)

[2013-05-29 15:49:50 +0200][dfcada8] Nikos
Added fft core functions

m-toolbox/classes/@ao/fft_1sided_even_core.m | 22 ++++++
m-toolbox/classes/@ao/fft_1sided_odd_core.m | 22 ++++++
m-toolbox/classes/@ao/fft_2sided_core.m | 14 ++++++
m-toolbox/classes/@ao/fft_plain_core.m | 13 ++++++
4 files changed, 71 insertions(+)

[2013-05-29 15:43:55 +0200][4313ade] Miquel Nofrarias
moved the methods to static, protected

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

[2013-05-29 15:30:44 +0200][6de385e] Miquel Nofrarias
changed call to core methods

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

[2013-05-29 15:30:18 +0200][0f91f94] Miquel Nofrarias
added the core functions as public methods in pz

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

[2013-05-29 15:16:29 +0200][574b96b] Nikos
Merge branch 'master' into Core_Fnc_Optim

[2013-05-29 15:04:17 +0200][63fc307] Ingo Diepholz
Move the MCMC class to the right folder

@MCMC/MCMC.m	221 -----
@MCMC/ao2strucArrays.m	172 -----
@MCMC/calculateCovariance.m	73 ---
@MCMC/checkXo.m	36 --
@MCMC/collectOutputAOs.m	34 --
@MCMC/computeBeta.m	52 --
@MCMC/copy.m	22 -
@MCMC/decision.m	57 --
@MCMC/decisionM.m	63 --
@MCMC/defineLogLikelihood.m	37 --
@MCMC/drawSample.m	17 -
@MCMC/getDefaultPlist.m	80 ---
@MCMC/getInfo.m	6 -
@MCMC/getParamNames.m	5 -
@MCMC/initObjectWithSize.m	6 -
@MCMC/jump.m	53 --
@MCMC/logDecision.m	62 --
@MCMC/mhsample.m	654 -----
@MCMC/performDataChecks.m	84 ---
@MCMC/preprocess.m	243 -----
@MCMC/preprocessModel.m	37 --
@MCMC/processChain.m	85 ---
@MCMC/setInputs.m	37 --
@MCMC/setModel.m	14 -
@MCMC/setNoise.m	37 --
@MCMC/simplex.m	240 -----
@MCMC/tests/harmonic_osc.mat	Bin 4529 -> 0 bytes
@MCMC/tests/in.mat	Bin 13138 -> 0 bytes
@MCMC/tests/noise.mat	Bin 129911 -> 0 bytes
@MCMC/tests/out.mat	Bin 125247 -> 0 bytes
@MCMC/tests/test_calculateCovariance.m	113 ----
@MCMC/tests/test_convergence.m	65 --
@MCMC/tests/test_default_plist.m	57 --
@MCMC/tests/test_getInfo.m	31 -
@MCMC/tests/test_input_types.m	53 --
@MCMC/tests/test_simplex.m	45 --
m-toolbox/classes/@MCMC/MCMC.m	221 +++++++
m-toolbox/classes/@MCMC/ao2strucArrays.m	172 +++++++
m-toolbox/classes/@MCMC/calculateCovariance.m	73 +++
m-toolbox/classes/@MCMC/checkXo.m	36 ++
m-toolbox/classes/@MCMC/collectOutputAOs.m	34 ++
m-toolbox/classes/@MCMC/computeBeta.m	52 ++
m-toolbox/classes/@MCMC/copy.m	22 +
m-toolbox/classes/@MCMC/decision.m	57 ++
m-toolbox/classes/@MCMC/decisionM.m	63 ++
m-toolbox/classes/@MCMC/defineLogLikelihood.m	37 ++
m-toolbox/classes/@MCMC/drawSample.m	17 +
m-toolbox/classes/@MCMC/getDefaultPlist.m	80 +++
m-toolbox/classes/@MCMC/getInfo.m	6 +

```

m-toolbox/classes/@MCMC/getParamNames.m      | 5 +
m-toolbox/classes/@MCMC/initObjectWithSize.m  | 6 +
m-toolbox/classes/@MCMC/jump.m                | 53 ++
m-toolbox/classes/@MCMC/logDecision.m         | 62 ++
m-toolbox/classes/@MCMC/mhsample.m            | 654 ++++++
m-toolbox/classes/@MCMC/performDataChecks.m   | 84 +++
m-toolbox/classes/@MCMC/preprocess.m          | 243 ++++++
m-toolbox/classes/@MCMC/preprocessModel.m     | 37 ++
m-toolbox/classes/@MCMC/processChain.m        | 85 +++
m-toolbox/classes/@MCMC/setInputs.m           | 37 ++
m-toolbox/classes/@MCMC/setModel.m            | 14 +
m-toolbox/classes/@MCMC/setNoise.m           | 37 ++
m-toolbox/classes/@MCMC/simplex.m            | 240 ++++++
m-toolbox/classes/@MCMC/tests/harmonic_osc.mat | Bin 0 -> 4529 bytes
m-toolbox/classes/@MCMC/tests/in.mat          | Bin 0 -> 13138 bytes
m-toolbox/classes/@MCMC/tests/noise.mat       | Bin 0 -> 129911 bytes
m-toolbox/classes/@MCMC/tests/out.mat         | Bin 0 -> 125247 bytes
.../classes/@MCMC/tests/test_calculateCovariance.m | 113 ++++
m-toolbox/classes/@MCMC/tests/test_convergence.m | 65 ++
m-toolbox/classes/@MCMC/tests/test_default_plist.m | 57 ++
m-toolbox/classes/@MCMC/tests/test_getInfo.m  | 31 +
m-toolbox/classes/@MCMC/tests/test_input_types.m | 53 ++
m-toolbox/classes/@MCMC/tests/test_simplex.m  | 45 ++
72 files changed, 2791 insertions(+), 2791 deletions(-)

```

[2013-05-29 15:02:19 +0200][91a12a7] Miquel Nofrarias
adding core functions

```

m-toolbox/classes/@pz/resp_pz_Q_core.m | 21 ++++++
m-toolbox/classes/@pz/resp_pz_noQ_core.m | 20 ++++++
2 files changed, 41 insertions(+)

```

[2013-05-29 15:01:55 +0200][87d6741] Miquel Nofrarias
adding reps core function

```

m-toolbox/classes/@pz/resp.m | 10 +++-----
1 file changed, 3 insertions(+), 7 deletions(-)

```

[2013-05-29 14:48:06 +0200][5edfcf4] Ingo Diepholz
Merge branch 'MV_MCMC_FROM_EXTENSION'

[2013-05-29 14:43:21 +0200][5069200] Ingo Diepholz
Grap all files in @MCMC and move them into a new folder

```

@MCMC/MCMC.m | 221 ++++++
@MCMC/ao2strucArrays.m | 172 ++++++
@MCMC/calculateCovariance.m | 73 ++++
@MCMC/checkXo.m | 36 ++
@MCMC/collectOutputAOs.m | 34 ++
@MCMC/computeBeta.m | 52 +++
@MCMC/copy.m | 22 ++
@MCMC/decision.m | 57 +++
@MCMC/decisionM.m | 63 ++++
@MCMC/defineLogLikelihood.m | 37 ++
@MCMC/drawSample.m | 17 +
@MCMC/getDefaultPlist.m | 80 ++++

```

```

@MCMC/getInfo.m          | 6 +
@MCMC/getParamNames.m    | 5 +
@MCMC/initObjectWithSize.m | 6 +
@MCMC/jump.m             | 53 +++
@MCMC/logDecision.m       | 62 ++++
@MCMC/mhsample.m         | 654 ++++++
@MCMC/performDataChecks.m | 84 +++++
@MCMC/preprocess.m        | 243 ++++++
@MCMC/preprocessModel.m   | 37 ++
@MCMC/processChain.m      | 85 +++++
@MCMC/setInputs.m         | 37 ++
@MCMC/setModel.m          | 14 +
@MCMC/setNoise.m          | 37 ++
@MCMC/simplex.m           | 240 ++++++
@MCMC/tests/harmonic_osc.mat | Bin 0 -> 4529 bytes
@MCMC/tests/in.mat        | Bin 0 -> 13138 bytes
@MCMC/tests/noise.mat     | Bin 0 -> 129911 bytes
@MCMC/tests/out.mat       | Bin 0 -> 125247 bytes
@MCMC/tests/test_calculateCovariance.m | 113 +++++
@MCMC/tests/test_convergence.m | 65 ++++
@MCMC/tests/test_default_plist.m | 57 +++
@MCMC/tests/test_getInfo.m | 31 ++
@MCMC/tests/test_input_types.m | 53 +++
@MCMC/tests/test_simplex.m | 45 +++
MCMC.m                   | 221 -----
ao2strucArrays.m         | 172 -----
calculateCovariance.m     | 73 ----
checkXo.m                | 36 --
collectOutputAOs.m        | 34 --
computeBeta.m             | 52 ---
copy.m                   | 22 --
decision.m               | 57 ---
decisionM.m              | 63 ----
defineLogLikelihood.m    | 37 --
drawSample.m             | 17 -
getDefaultPlist.m        | 80 ----
getInfo.m                | 6 -
getParamNames.m          | 5 -
initObjectWithSize.m      | 6 -
jump.m                   | 53 ---
logDecision.m            | 62 ----
mhsample.m               | 654 -----
performDataChecks.m      | 84 -----
preprocess.m             | 243 -----
preprocessModel.m        | 37 --
processChain.m           | 85 -----
setInputs.m              | 37 --
setModel.m               | 14 -
setNoise.m               | 37 --
simplex.m                 | 240 -----
tests/harmonic_osc.mat    | Bin 4529 -> 0 bytes
tests/in.mat             | Bin 13138 -> 0 bytes
tests/noise.mat           | Bin 129911 -> 0 bytes
tests/out.mat            | Bin 125247 -> 0 bytes
tests/test_calculateCovariance.m | 113 -----
tests/test_convergence.m | 65 ----
tests/test_default_plist.m | 57 ---
tests/test_getInfo.m     | 31 --
tests/test_input_types.m | 53 ---
tests/test_simplex.m      | 45 ---

```

72 files changed, 2791 insertions(+), 2791 deletions(-)

[2013-05-29 13:32:39 +0200][69dd797] Nikos
Merge branch 'master' into Core_Fnc_Optim

[2013-05-29 13:00:33 +0200][0a8ca60] Nikos
Typos

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

[2013-05-29 12:19:45 +0200][de66a32] Martin Hewitson
Merge branch 'master' into nasa_drift_mode_da

[2013-05-29 12:16:05 +0200][52c48f7] Nikos
Created fft_core functions

m-toolbox/classes/@ao/fft_1sided_core.m | 10 ++++++++
m-toolbox/classes/@ao/fft_2sided_core.m | 9 ++++++++
m-toolbox/classes/@ao/fft_core.m | 8 +-----
3 files changed, 23 insertions(+), 4 deletions(-)

[2013-05-29 12:03:53 +0200][9c52426] Ingo Diepholz
Remove some prototypes which doesn't have a code.

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

[2013-05-29 12:02:55 +0200][b23dd00] Ingo Diepholz
Make the 'pest_core' method hidden to the user.

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

[2013-05-29 12:02:10 +0200][64ffd18] Ingo Diepholz
make the 'subsref' method hidden.

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

[2013-05-29 12:01:36 +0200][89e351b] Ingo Diepholz
Remove prototype of matrix/conj because there doesn't exist the code

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

[2013-05-29 12:00:28 +0200][cfa790f] Ingo Diepholz
make the 'subsref' method hidden.

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

[2013-05-29 11:16:36 +0200][45eda75] Nikos
Created a split_core function

m-toolbox/classes/@ao/split.m | 33 ++++++-----
m-toolbox/classes/@ao/split_samples_core.m | 11 ++++++
2 files changed, 33 insertions(+), 11 deletions(-)

[2013-05-29 10:34:29 +0200][fc2f43f] Nikos
Merge branch 'master' into Core_Fnc_Optim

[2013-05-29 10:33:17 +0200][1671955] Nikos
some diff core functions update

m-toolbox/classes/@ao/diff.m | 15 ++++++-----
m-toolbox/classes/@ao/diff2p_core.m | 12 ++++++
2 files changed, 19 insertions(+), 8 deletions(-)

[2013-05-28 23:18:22 +0200][180c4bc] Mauro Hueller
This syntax is only available since Matlab R2012b (or a?), so we should not use it. Let's just declare these methods as hidden.

m-toolbox/classes/@collection/collection.m | 6 +-----
m-toolbox/classes/@matrix/matrix.m | 6 +-----
2 files changed, 3 insertions(+), 9 deletions(-)

[2013-05-28 22:31:47 +0200][f2cf61b] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-28 22:30:45 +0200][863e4e6] Mauro Hueller
Added support for: branches in git (with a parameter 'branch' whose default is '' which means 'master')
branches in hg (with a parameter 'branch' whose default is '' which means 'default') revision in svn (with a
parameter 'revision' whose default is '' which means 'tip')

m-toolbox/classes/+utils/@modules/releaseModule.m | 42 ++++++-----
1 file changed, 24 insertions(+), 18 deletions(-)

[2013-05-28 21:13:14 +0200][c53e06d] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-28 21:13:06 +0200][6179a5d] Martin Hewitson
Try to be smarter by checking the inputs and short circuiting the code where possible.

m-toolbox/classes/@unit/rdivide.m | 11 ++++++
m-toolbox/classes/@unit/times.m | 10 ++++++
m-toolbox/classes/@unit/toSI.m | 5 +++++
3 files changed, 26 insertions(+)

[2013-05-28 21:12:39 +0200][0adce79] Martin Hewitson
Some restructuring to avoid making plists when we are not adding history.

m-toolbox/classes/@pzmodel/fromPolesAndZeros.m | 38 ++++++-----
m-toolbox/classes/@pzmodel/pzmodel.m | 45 ++++++-----
2 files changed, 69 insertions(+), 14 deletions(-)

[2013-05-28 21:12:12 +0200][3256880] Martin Hewitson
don't divide the units if the input units are empty.

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

[2013-05-28 21:11:52 +0200][9391f64] Martin Hewitson
don't try to clear errors unless they are not empty.

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

[2013-05-28 21:11:35 +0200][0e0b687] Martin Hewitson
don't call repmat unless N > 1

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

[2013-05-28 21:11:16 +0200][c72aae0] Martin Hewitson
Use data.getX

m-toolbox/classes/@ao/elementOp.m | 8 +++++-
1 file changed, 4 insertions(+), 4 deletions(-)

[2013-05-28 21:10:59 +0200][fe42797] Martin Hewitson
Wrong logic on callerIsMethod test.

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

[2013-05-28 21:10:45 +0200][e3f6fe4] Martin Hewitson
A first attempt at a time-domain delay based on Giuseppe's code. Not working properly yet. Also better use of callerIsMethod.

m-toolbox/classes/@ao/delay.m | 84 ++++++-----
1 file changed, 73 insertions(+), 11 deletions(-)

[2013-05-28 21:09:57 +0200][8adaf87] Martin Hewitson
only combine if we have more than one input plist. Otherwise, just make a copy.

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

[2013-05-28 21:08:12 +0200][8d24b6b] Martin Hewitson
Use pset_core function

.../+utils/@helper/process_spectral_options.m | 22 ++++++-----
m-toolbox/classes/@ao/find.m | 2 +-

2 files changed, 12 insertions(+), 12 deletions(-)

[2013-05-28 21:07:23 +0200][382e956] Martin Hewitson
make a pset core function

m-toolbox/classes/@plist/pset.m | 15 +-----
m-toolbox/classes/@plist/pset_core.m | 19 ++++++
2 files changed, 20 insertions(+), 14 deletions(-)

[2013-05-28 21:07:03 +0200][d640b3c] Martin Hewitson
Make a cache of known classes to speed up the decision in the later part of the method.

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 10 ++++++
1 file changed, 9 insertions(+), 1 deletion(-)

[2013-05-28 17:58:27 +0200][41ae3da] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-28 10:38:30 -0400][d8ca385] James Ira Thorpe
Merge branch 'master' into nasa_drift_mode_da

[2013-05-28 15:05:43 +0200][b54943b] Nikos
Merge branch 'master' into Core_Fnc_Optim

[2013-05-28 13:58:03 +0200][bfdd31f] Ingo Diepholz
remove the prototype of the loglikelihood_core function in the Public section.

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

[2013-05-28 13:54:40 +0200][b83e0a7] Ingo Diepholz
Make the access of the function 'loglikelihood_core' hidden.

m-toolbox/classes/@matrix/matrix.m | 4 +---
m-toolbox/classes/@mfh/mfh.m | 1 +
m-toolbox/classes/@ssm/ssm.m | 2 ++
3 files changed, 5 insertions(+), 2 deletions(-)

[2013-05-28 13:36:28 +0200][844c049] Nikos
Another utils.math function for teting

m-toolbox/classes/+utils/@math/filtpz.m | 31 ++++++
m-toolbox/classes/+utils/@math/math.m | 1 +
2 files changed, 32 insertions(+)

[2013-05-28 13:34:26 +0200][f377149] Ingo Diepholz
Bug fix: For the case that the first line of a function contains only the function name shows the auto-help the string '(No help available)' because there is no help information behind the function name.

.../help/createDocumentation/+docHelper/getFirstCommentLine.m | 4 ++++
1 file changed, 4 insertions(+)

[2013-05-28 12:00:52 +0200][3d17da5] Nikos
Utils.math function to remove samples from a numerical vector

m-toolbox/classes/+utils/@math/chop.m | 9 ++++++++
m-toolbox/classes/+utils/@math/math.m | 1 +
2 files changed, 10 insertions(+)

[2013-05-28 11:49:11 +0200][4c485f9] Nikos
Moving this function to public. Otherwise cannot be accessed with mfh objects. To be discussed

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

[2013-05-28 11:43:32 +0200][05566bf] Nikos
Differentiation core function

m-toolbox/classes/@ao/ao.m | 1 +
m-toolbox/classes/@ao/diff3p_core.m | 18 ++++++++
2 files changed, 19 insertions(+)

[2013-05-28 11:31:04 +0200][c065e8c] Martin Hewitson
Trying to make this more robust. It's still pretty basic though.

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

[2013-05-28 11:25:44 +0200][34aa4d2] Ingo Diepholz
i) Add sub functions for - getDefaultPlist - getInfo ii) Add code for isinfocall iii) Add a check for the number of inputs

m-toolbox/classes/@mfh/getFitErrors.m | 50 ++++++++
m-toolbox/classes/@mfh/getJacobian.m | 54 ++++++++
m-toolbox/classes/@mfh/testHessianMatrix.m | 50 ++++++++
3 files changed, 142 insertions(+), 12 deletions(-)

[2013-05-27 18:27:43 +0200][0507727] Ingo Diepholz
new vresion of the setter.

m-toolbox/classes/@mfh/setSubfuncs.m | 52 ++++++++
1 file changed, 31 insertions(+), 21 deletions(-)

[2013-05-27 18:10:21 +0200][cc87df3] Martin Hewitson
New method to set subfuncs property.

m-toolbox/classes/@mfh/setSubfuncs.m | 95 ++++++++
1 file changed, 95 insertions(+)

[2013-05-27 18:09:20 +0200][b7b872d] Martin Hewitson
Fix comments.

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

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

[2013-05-27 17:17:29 +0200][67575d0] Ingo Diepholz
???

[2013-05-27 17:13:16 +0200][98f5113] Ingo Diepholz
Use the core function of 'plist/find'

m-toolbox/classes/@ao/all.m	2 +-
m-toolbox/classes/@ao/any.m	2 +-
m-toolbox/classes/@ao/ao.m	32 +--
m-toolbox/classes/@ao/ao2numMatrices.m	6 +-
m-toolbox/classes/@ao/average.m	2 +-
m-toolbox/classes/@ao/bicohere.m	8 +-
m-toolbox/classes/@ao/bilinfilt.m	6 +-
m-toolbox/classes/@ao/bin_data.m	10 +-
m-toolbox/classes/@ao/buildWhitener1D.m	30 +--
m-toolbox/classes/@ao/cdfplot.m	26 +--
m-toolbox/classes/@ao/clearErrors.m	2 +-
m-toolbox/classes/@ao/cohere.m	2 +-
m-toolbox/classes/@ao/compute.m	2 +-
m-toolbox/classes/@ao/confint.m	8 +-
m-toolbox/classes/@ao/consolidate.m	6 +-
m-toolbox/classes/@ao/convert.m	6 +-
m-toolbox/classes/@ao/crb.m	12 +-
m-toolbox/classes/@ao/crbound.m	26 +--
m-toolbox/classes/@ao/delay.m	8 +-
m-toolbox/classes/@ao/delayEstimate.m	4 +-
m-toolbox/classes/@ao/detrend.m	4 +-
m-toolbox/classes/@ao/dft.m	2 +-
m-toolbox/classes/@ao/diff.m	6 +-
m-toolbox/classes/@ao/dispersionLoop.m	30 +--
m-toolbox/classes/@ao/downsample.m	4 +-
m-toolbox/classes/@ao/dropduplicates.m	2 +-
m-toolbox/classes/@ao/dsmean.m	2 +-
m-toolbox/classes/@ao/elementOp.m	2 +-
m-toolbox/classes/@ao/eqmotion.m	16 +-
m-toolbox/classes/@ao/evaluateModel.m	8 +-
m-toolbox/classes/@ao/export.m	4 +-
m-toolbox/classes/@ao/fft.m	6 +-
m-toolbox/classes/@ao/fftfilt.m	16 +-
m-toolbox/classes/@ao/filtSubtract.m	10 +-
m-toolbox/classes/@ao/filter.m	10 +-
m-toolbox/classes/@ao/filtfilt.m	2 +-
m-toolbox/classes/@ao/find.m	4 +-
m-toolbox/classes/@ao/firwhiten.m	14 +-
m-toolbox/classes/@ao/fixAxisData.m	4 +-
m-toolbox/classes/@ao/fixfs.m	8 +-
m-toolbox/classes/@ao/fngen.m	6 +-
m-toolbox/classes/@ao/fromComplexDatafile.m	20 +-
m-toolbox/classes/@ao/fromDataInMAT.m	20 +-
m-toolbox/classes/@ao/fromDatafile.m	28 +--
m-toolbox/classes/@ao/fromFSfcn.m	16 +-
m-toolbox/classes/@ao/fromFcn.m	4 +-
m-toolbox/classes/@ao/fromParameter.m	6 +-
m-toolbox/classes/@ao/fromPest.m	8 +-
m-toolbox/classes/@ao/fromPolyval.m	40 +--
m-toolbox/classes/@ao/fromProcinfo.m	4 +-

m-toolbox/classes/@ao/fromPzmodel.m	22 +-
m-toolbox/classes/@ao/fromSModel.m	12 +-
m-toolbox/classes/@ao/fromSpecWin.m	16 +-
m-toolbox/classes/@ao/fromTSfcn.m	14 +-
m-toolbox/classes/@ao/fromVals.m	8 +-
m-toolbox/classes/@ao/fromWaveform.m	64 +++--
m-toolbox/classes/@ao/fromXYFcn.m	8 +-
m-toolbox/classes/@ao/fromXYVals.m	22 +-
m-toolbox/classes/@ao/fromXYZVals.m	12 +-
m-toolbox/classes/@ao/gapfilling.m	4 +-
m-toolbox/classes/@ao/gapfillingoptim.m	36 +++--
m-toolbox/classes/@ao/getKSCValPSD.m	4 +-
m-toolbox/classes/@ao/getdof.m	36 +++--
m-toolbox/classes/@ao/gnuplot.m	48 +++--
m-toolbox/classes/@ao/heterodyne.m	14 +-
m-toolbox/classes/@ao/hist.m	6 +-
m-toolbox/classes/@ao/iff.m	4 +-
m-toolbox/classes/@ao/integrate.m	2 +-
m-toolbox/classes/@ao/interp.m	4 +-
m-toolbox/classes/@ao/interpmissing.m	4 +-
m-toolbox/classes/@ao/intersect.m	4 +-
m-toolbox/classes/@ao/iplot.m	228 ++++++++-----
m-toolbox/classes/@ao/iplotyy.m	16 +-
m-toolbox/classes/@ao/join.m	8 +-
m-toolbox/classes/@ao/kstest.m	22 +-
m-toolbox/classes/@ao/lcohere.m	2 +-
m-toolbox/classes/@ao/linSubtract.m	10 +-
m-toolbox/classes/@ao/lincom.m	4 +-
m-toolbox/classes/@ao/linedetect.m	10 +-
m-toolbox/classes/@ao/linfit.m	6 +-
m-toolbox/classes/@ao/linlsqsvd.m	4 +-
m-toolbox/classes/@ao/lisovfit.m	20 +-
m-toolbox/classes/@ao/lpsd.m	16 +-
m-toolbox/classes/@ao/lscov.m	4 +-
m-toolbox/classes/@ao/lxspec.m	12 +-
m-toolbox/classes/@ao/mcmc.m	6 +-
m-toolbox/classes/@ao/mcmc_td.m	42 +++--
m-toolbox/classes/@ao/mean.m	4 +-
m-toolbox/classes/@ao/mhsample.m	74 +++----
m-toolbox/classes/@ao/modelSelect.m	36 +++--
m-toolbox/classes/@ao/mpower.m	6 +-
m-toolbox/classes/@ao/mve.m	6 +-
m-toolbox/classes/@ao/noisegen1D.m	28 +-
m-toolbox/classes/@ao/noisegen2D.m	36 +++--
m-toolbox/classes/@ao/normdist.m	2 +-
m-toolbox/classes/@ao/offset.m	2 +-
m-toolbox/classes/@ao/plot.m	4 +-
m-toolbox/classes/@ao/polyfit.m	4 +-
m-toolbox/classes/@ao/polynomfit.m	4 +-
m-toolbox/classes/@ao/power.m	6 +-
m-toolbox/classes/@ao/powerFit.m	4 +-
m-toolbox/classes/@ao/ppsd.m	8 +-
m-toolbox/classes/@ao/preprocessDataForMCMC.m	30 +-
m-toolbox/classes/@ao/psdconf.m	14 +-
m-toolbox/classes/@ao/qplot.m	24 +-
m-toolbox/classes/@ao/quasiSweptSine.m	20 +-
m-toolbox/classes/@ao/removeVal.m	8 +-
m-toolbox/classes/@ao/resample.m	4 +-
m-toolbox/classes/@ao/rjsample.m	48 +++--
m-toolbox/classes/@ao/sDomainFit.m	36 +++--

m-toolbox/classes/@ao/scale.m	8 +-
m-toolbox/classes/@ao/scatter3D.m	2 +-
m-toolbox/classes/@ao/search.m	4 +-
m-toolbox/classes/@ao/select.m	6 +-
m-toolbox/classes/@ao/setUnitsForAxis.m	2 +-
m-toolbox/classes/@ao/setXY.m	4 +-
m-toolbox/classes/@ao/simplex.m	24 +-
m-toolbox/classes/@ao/simplifyYunits.m	4 +-
m-toolbox/classes/@ao/sineParams.m	8 +-
m-toolbox/classes/@ao/smooth.m	6 +-
m-toolbox/classes/@ao/sort.m	4 +-
m-toolbox/classes/@ao/spcorr.m	2 +-
m-toolbox/classes/@ao/spectrogram.m	8 +-
m-toolbox/classes/@ao/spikecleaning.m	24 +-
m-toolbox/classes/@ao/split.m	30 +-
m-toolbox/classes/@ao/spsd.m	12 +-
m-toolbox/classes/@ao/spsdSubtraction.m	20 +-
m-toolbox/classes/@ao/sqrt.m	2 +-
m-toolbox/classes/@ao/svd_fit.m	2 +-
m-toolbox/classes/@ao/table.m	2 +-
m-toolbox/classes/@ao/tdfit.m	60 +-
m-toolbox/classes/@ao/timeaverage.m	12 +-
m-toolbox/classes/@ao/timeshift.m	2 +-
m-toolbox/classes/@ao/transpose.m	2 +-
m-toolbox/classes/@ao/upsample.m	4 +-
m-toolbox/classes/@ao/whiten1D.m	6 +-
m-toolbox/classes/@ao/whiten2D.m	30 +-
m-toolbox/classes/@ao/wosa.m	10 +-
m-toolbox/classes/@ao/xcorr.m	4 +-
m-toolbox/classes/@ao/xfit.m	50 +-
m-toolbox/classes/@ao/zDomainFit.m	34 +-
m-toolbox/classes/@ao/zeropad.m	6 +-
m-toolbox/classes/@cdata/applymethod.m	6 +-
m-toolbox/classes/@collection/addObjects.m	2 +-
m-toolbox/classes/@collection/collection.m	4 +-
m-toolbox/classes/@collection/filter.m	2 +-
m-toolbox/classes/@collection/filtfilt.m	2 +-
m-toolbox/classes/@collection/fromInput.m	2 +-
m-toolbox/classes/@collection/fromRepository.m	12 +-
m-toolbox/classes/@collection/getObjectAtIndex.m	4 +-
m-toolbox/classes/@collection/getObjectsOfClass.m	2 +-
m-toolbox/classes/@collection/identifyInsideObjs.m	4 +-
.../classes/@collection/removeObjectAtIndex.m	2 +-
m-toolbox/classes/@collection/setObjectAtIndex.m	4 +-
m-toolbox/classes/@data2D/applymethod.m	4 +-
m-toolbox/classes/@data2D/setErrorsFromPlist.m	2 +-
m-toolbox/classes/@data3D/applymethod.m	6 +-
m-toolbox/classes/@data3D/setErrorsFromPlist.m	2 +-
m-toolbox/classes/@filterbank/addFilters.m	2 +-
m-toolbox/classes/@filterbank/filterbank.m	4 +-
m-toolbox/classes/@filterbank/fromFilters.m	4 +-
m-toolbox/classes/@history/dotview.m	6 +-
m-toolbox/classes/@history/hist2dot.m	2 +-
m-toolbox/classes/@history/hist2m.m	2 +-
m-toolbox/classes/@history/plot.m	2 +-
m-toolbox/classes/@ltpda_data/setErrorsFromPlist.m	2 +-
m-toolbox/classes/@ltpda_filter/impresp.m	4 +-
m-toolbox/classes/@ltpda_filter/setA.m	2 +-
m-toolbox/classes/@ltpda_obj/get.m	2 +-
m-toolbox/classes/@ltpda_obj/isequal.m	6 +-

m-toolbox/classes/@ltpda_tf/resp.m	14 +-
m-toolbox/classes/@ltpda_tf/simplifyUnits.m	4 +-
m-toolbox/classes/@ltpda_uo/fromFile.m	2 +-
m-toolbox/classes/@ltpda_uo/fromModel.m	2 +-
m-toolbox/classes/@ltpda_uo/fromRepository.m	8 +-
m-toolbox/classes/@ltpda_uo/processSetterValues.m	2 +-
m-toolbox/classes/@ltpda_uo/save.m	14 +-
m-toolbox/classes/@ltpda_uo/submit.m	6 +-
m-toolbox/classes/@ltpda_uo/submitDialog.m	84 ++++-----
m-toolbox/classes/@ltpda_uo/update.m	32 +--
m-toolbox/classes/@ltpda_uoh/creator.m	2 +-
m-toolbox/classes/@ltpda_uoh/csvexport.m	24 +--
m-toolbox/classes/@ltpda_uoh/fromModel.m	6 +-
m-toolbox/classes/@ltpda_uoh/index.m	4 +-
m-toolbox/classes/@ltpda_uoh/report.m	16 +-
m-toolbox/classes/@ltpda_uoh/requirements.m	2 +-
m-toolbox/classes/@ltpda_uoh/setObjectProperties.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotAxes.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotColor.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotFigure.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotLineStyle.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotLinewidth.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotMarker.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotMarkersize.m	2 +-
m-toolbox/classes/@ltpda_uoh/setPlotinfo.m	4 +-
m-toolbox/classes/@ltpda_uoh/setPlottingStyle.m	2 +-
m-toolbox/classes/@ltpda_uoh/setShowsErrors.m	2 +-
m-toolbox/classes/@ltpda_uoh/type.m	2 +-
m-toolbox/classes/@ltpda_uoh/viewHistory.m	6 +-
m-toolbox/classes/@matrix/crb.m	2 +-
m-toolbox/classes/@matrix/dispersion.m	28 +--
m-toolbox/classes/@matrix/dispersionLoop.m	30 +--
m-toolbox/classes/@matrix/fftfilt.m	2 +-
m-toolbox/classes/@matrix/fromInput.m	4 +-
m-toolbox/classes/@matrix/fromValues.m	6 +-
m-toolbox/classes/@matrix/getObjectAtIndex.m	4 +-
m-toolbox/classes/@matrix/linearize.m	4 +-
m-toolbox/classes/@matrix/linfitsvd.m	44 +++--
m-toolbox/classes/@matrix/linlsqsvd.m	4 +-
m-toolbox/classes/@matrix/loglikelihood.m	14 +-
m-toolbox/classes/@matrix/matrix.m	4 +-
m-toolbox/classes/@matrix/mchNoiseegen.m	6 +-
m-toolbox/classes/@matrix/mchNoiseegenFilter.m	28 +--
m-toolbox/classes/@matrix/mcmc.m	4 +-
m-toolbox/classes/@matrix/modelSelect.m	4 +-
m-toolbox/classes/@matrix/setObjs.m	6 +-
m-toolbox/classes/@matrix/tdfit.m	14 +-
m-toolbox/classes/@mfh/eval.m	2 +-
m-toolbox/classes/@mfh/fisher.m	14 +-
m-toolbox/classes/@mfh/fminsearch.m	12 +-
m-toolbox/classes/@mfh/mfh.m	18 +-
m-toolbox/classes/@mfir/fromA.m	6 +-
m-toolbox/classes/@mfir/fromAO.m	16 +-
m-toolbox/classes/@mfir/fromPzmodel.m	12 +-
m-toolbox/classes/@mfir/fromStandard.m	4 +-
m-toolbox/classes/@mfir/mfir.m	6 +-
m-toolbox/classes/@mfir/mkbandpass.m	10 +-
m-toolbox/classes/@mfir/mkbandreject.m	10 +-
m-toolbox/classes/@mfir/mkhighpass.m	10 +-
m-toolbox/classes/@mfir/mklowpass.m	10 +-

m-toolbox/classes/@mfir/parseFilterParams.m	12 +-
m-toolbox/classes/@mfir/redesign.m	6 +-
m-toolbox/classes/@mfir/setGd.m	2 +-
m-toolbox/classes/@miir/fromAB.m	8 +-
m-toolbox/classes/@miir/fromAllpass.m	2 +-
m-toolbox/classes/@miir/fromLISO.m	4 +-
m-toolbox/classes/@miir/fromParfrac.m	12 +-
m-toolbox/classes/@miir/fromPzmodel.m	12 +-
m-toolbox/classes/@miir/fromStandard.m	4 +-
m-toolbox/classes/@miir/miir.m	8 +-
m-toolbox/classes/@miir/mkallpass.m	8 +-
m-toolbox/classes/@miir/mkbandpass.m	10 +-
m-toolbox/classes/@miir/mkbandreject.m	10 +-
m-toolbox/classes/@miir/mkhhighpass.m	8 +-
m-toolbox/classes/@miir/mklowpass.m	8 +-
m-toolbox/classes/@miir/parseFilterParams.m	12 +-
m-toolbox/classes/@miir/redesign.m	8 +-
m-toolbox/classes/@miir/setB.m	2 +-
m-toolbox/classes/@miir/setHistin.m	2 +-
m-toolbox/classes/@param/param.m	6 +-
m-toolbox/classes/@paramValue/paramValue.m	6 +-
m-toolbox/classes/@parfrac/fromPzmodel.m	10 +-
m-toolbox/classes/@parfrac/fromRational.m	10 +-
.../classes/@parfrac/fromResidualsPolesDirect.m	6 +-
m-toolbox/classes/@parfrac/parfrac.m	6 +-
m-toolbox/classes/@pest/computePdf.m	4 +-
m-toolbox/classes/@pest/eval.m	22 +-
m-toolbox/classes/@pest/fromValues.m	16 +-
m-toolbox/classes/@pest/genericSet.m	2 +-
m-toolbox/classes/@pest/mcmcPlot.m	36 +++
m-toolbox/classes/@pest/pest.m	4 +-
m-toolbox/classes/@pest/setXvals.m	4 +-
m-toolbox/classes/@pest/setYforParameter.m	4 +-
m-toolbox/classes/@pest/setYunitsForParameter.m	4 +-
m-toolbox/classes/@pest/tdChi2.m	12 +-
m-toolbox/classes/@plist/addAlternativeKeys.m	2 +-
m-toolbox/classes/@plist/getDescriptionForParam.m	2 +-
m-toolbox/classes/@plist/getOptionsForParam.m	2 +-
m-toolbox/classes/@plist/getParamValueForParam.m	2 +-
m-toolbox/classes/@plist/getSelectionForParam.m	2 +-
m-toolbox/classes/@plist/getSetRandState.m	4 +-
m-toolbox/classes/@plist/isequal.m	6 +-
m-toolbox/classes/@plist/merge.m	8 +-
m-toolbox/classes/@plist/processForHistory.m	2 +-
m-toolbox/classes/@plist/processSetterValues.m	2 +-
m-toolbox/classes/@plist/regexp.m	6 +-
m-toolbox/classes/@plist/removeKeys.m	2 +-
m-toolbox/classes/@plist/setDefaultForParam.m	4 +-
m-toolbox/classes/@plist/setDescriptionForParam.m	4 +-
m-toolbox/classes/@plist/setOptionsForParam.m	4 +-
m-toolbox/classes/@plist/setSelectionForParam.m	4 +-
m-toolbox/classes/@plist/shouldIgnore.m	2 +-
m-toolbox/classes/@plist/subset.m	2 +-
m-toolbox/classes/@plotinfo/plotinfo.m	10 +-
m-toolbox/classes/@pzmodel/fngen.m	2 +-
m-toolbox/classes/@pzmodel/fromLISO.m	10 +-
m-toolbox/classes/@pzmodel/fromParfrac.m	10 +-
m-toolbox/classes/@pzmodel/fromPolesAndZeros.m	8 +-
m-toolbox/classes/@pzmodel/fromRational.m	10 +-

289 files changed, 1576 insertions(+), 1576 deletions(-)

[2013-05-27 17:05:07 +0200][6821655] Ingo Diepholz
Add prototype for 'find_core' and make it hidden to the user.

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

[2013-05-27 17:04:09 +0200][c10c73d] Ingo Diepholz
Use the core function.

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

[2013-05-27 17:03:07 +0200][fcdcdc7] Ingo Diepholz
Use the core function.

m-toolbox/classes/@plist/find.m | 10 ++-----
1 file changed, 2 insertions(+), 8 deletions(-)

[2013-05-27 17:02:46 +0200][fd5c9] Ingo Diepholz
New core function for the 'find' method.

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

[2013-05-27 16:58:18 +0200][bd71a8b] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-27 16:57:07 +0200][aa492c7] Mauro Hueller
Subversion does not break if it does not find the .svn folder. As such, let's have it as the last try

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

[2013-05-27 16:51:08 +0200][17109b5] Mauro Hueller
Adapted to work, in hg, with a single hg module with many LTPDA modules

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

[2013-05-27 16:38:54 +0200][be92e67] Mauro Hueller
Going smarter, since we know the VCS in this case

m-toolbox/classes/+utils/@modules/releaseModule.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-05-27 16:38:18 +0200][963a136] Mauro Hueller
Remove nonexistent method

m-toolbox/classes/+utils/@modules/modules.m | 1 -
1 file changed, 1 deletion(-)

[2013-05-27 14:35:48 +0200][4f245bf] Martin Hewitson
Add the max function eval parameter to the plist.

m-toolbox/classes/@mfh/fminsearch.m | 9 +++++++-
1 file changed, 8 insertions(+), 1 deletion(-)

[2013-05-27 10:12:07 +0200][bbd4f07] ferraioli
some bugs fixed

m-toolbox/classes/@mfh/testHessianMatrix.m | 19 ++++++-----
1 file changed, 13 insertions(+), 6 deletions(-)

[2013-05-27 09:14:39 +0200][8b2d7e1] ferraioli
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-27 09:10:47 +0200][9a3762b] ferraioli
a method to test the hessian matrix by generation random numbers on the contour of the chi2 ellipsoid at the given confidence

m-toolbox/classes/@mfh/testHessianMatrix.m | 116 ++++++
1 file changed, 116 insertions(+)

[2013-05-27 09:07:14 +0200][2b80cde] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-27 09:07:07 +0200][c427bad] Martin Hewitson
Typo fixes.

m-toolbox/classes/@mfh/fminsearch.m | 6 +----
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-05-26 16:14:59 +0200][1bdd9f1] Mauro Hueller
Merge branch 'master' into lingo_new_Fcn_releaseModule

[2013-05-26 16:14:24 +0200][86b4415] Mauro Hueller
Added a couple simple methods. Not implemented at higher level, since the matrix equivalent are already there with slightly different interface.

m-toolbox/classes/@collection/filter.m | 117 ++++++
m-toolbox/classes/@collection/filtfilt.m | 119 ++++++
2 files changed, 236 insertions(+)

[2013-05-26 16:14:11 +0200][fde9605] Mauro Hueller
There might be situations where this method can be useful to the subclasses of ltpda_container.

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

[2013-05-26 16:10:59 +0200][a2bf131] Mauro Hueller

Added a couple simple methods. Not implemented at higher level, since the matrix equivalent are already there with slightly different interface.

```
m-toolbox/classes/@collection/filter.m | 117 ++++++
m-toolbox/classes/@collection/filtfilt.m | 119 ++++++
2 files changed, 236 insertions(+)
```

[2013-05-26 16:09:15 +0200][8a64a0e] Mauro Hueller
There might be situations where this method can be useful to the subclasses of ltpda_container.

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

[2013-05-26 15:36:53 +0200][64d5b8d] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-26 15:35:54 +0200][28b6a4b] Mauro Hueller
Implemented these methods as very crude and inefficient wrappers of the relative ao methods. Done only for collections since they have no dimensions.

```
m-toolbox/classes/@collection/cohere.m | 129 ++++++
m-toolbox/classes/@collection/cpsd.m | 129 ++++++
m-toolbox/classes/@collection/tfe.m | 129 ++++++
3 files changed, 387 insertions(+)
```

[2013-05-26 15:23:28 +0200][6511835] Mauro Hueller
Adding a step to modify the 'names' field

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

[2013-05-26 14:46:40 +0200][dccff03] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_src

[2013-05-26 14:46:12 +0200][2956c5c] Mauro Hueller
This is now derived from ltpda_container

```
m-toolbox/classes/@collection/psd.m | 108 -----
1 file changed, 108 deletions(-)
```

[2013-05-25 18:43:05 +0200][35299b7] Martin Hewitson
A double() method for pest objects. Just returns the y values.

```
m-toolbox/classes/@pest/double.m | 71 ++++++
1 file changed, 71 insertions(+)
```

[2013-05-25 14:15:47 +0200][3b3ede8] Martin Hewitson
Made this into a proper method now with help, default plist etc. NOTE: the old simple usage doesn't work now: Use a plist input!

```
m-toolbox/classes/@mfh/fminsearch.m | 142 ++++++
1 file changed, 134 insertions(+), 8 deletions(-)
```

[2013-05-25 09:30:42 +0200][79126eb] Martin Hewitson

This was over optimizing. We can't be certain the objects are AOs, so revert this change back.

m-toolbox/classes/@matrix/elementOp.m | 4 +++-
m-toolbox/classes/@matrix/mtimes.m | 10 +++++-----
2 files changed, 7 insertions(+), 7 deletions(-)

[2013-05-24 22:41:58 +0200][b67a913] Mauro Hueller

Fixed the Mercurial part, I hope. That'd need testing

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

[2013-05-24 21:22:11 +0200][347f052] Mauro Hueller

Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-24 16:09:43 +0200][40e9e02] Martin Hewitson

If there's nothing to simplify, just return.

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

[2013-05-24 16:03:55 +0200][9029808] Martin Hewitson

Do our own cellstr check.

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

[2013-05-24 16:02:59 +0200][7ce9bba] Martin Hewitson

Try to be more careful about calling collect_objects. The copy constructor implies that the first object is an instance of the class.

m-toolbox/classes/@plist/plist.m | 4 +++-
m-toolbox/classes/@pzmodel/pzmodel.m | 6 +++++--
2 files changed, 7 insertions(+), 3 deletions(-)

[2013-05-24 16:01:13 +0200][d8b8f77] Martin Hewitson

removed some comments.

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

[2013-05-24 15:59:49 +0200][bd72211] Martin Hewitson

Try to just form an array of the input arguments. This is the most common use case. If it fails, drop back to collect_objects.

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

[2013-05-24 15:59:31 +0200][86c84a1] Martin Hewitson

Here we just want to set the default value for from the user plist to the copy of the default plist which we will return

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

[2013-05-24 15:57:42 +0200][19706a2] Martin Hewitson
Rather than parse, we just copy the input plist (if it's a single), otherwise call combine.

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

[2013-05-24 15:54:53 +0200][57d5c8d] Martin Hewitson
Made alternative copy functions which immediately just take the default value, dropping the paramValue options. This is primarily for use in applyDefaults where, once the defaults are applied, we no longer need the options in the plist.

m-toolbox/classes/@param/copyWithDefault.m | 46 ++++++
m-toolbox/classes/@plist/applyDefaults.m | 4 +-
m-toolbox/classes/@plist/copyWithDefault.m | 37 ++++++
3 files changed, 85 insertions(+), 2 deletions(-)

[2013-05-24 15:49:43 +0200][eab72e7] Martin Hewitson
Try to just form an array of the input arguments. This is the most common use case. If it fails, drop back to collect_objects.

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

[2013-05-24 15:48:25 +0200][fc560ad] Mauro Hueller
Use a plist to improve interface

m-toolbox/classes/+utils/@modules/releaseModule.m | 110 ++++++
1 file changed, 88 insertions(+), 22 deletions(-)

[2013-05-24 14:13:11 +0200][592eb7f] Martin Hewitson
We were calling fromVals with callerIsMethod always set false so that history is always added. The comment said this was necessary, but didn't say why. We can't think of the case where this is necessary at the moment so we change it and pass in the callerIsMethod flag coming from the ao constructor.

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

[2013-05-24 14:12:05 +0200][2f704a3] Martin Hewitson
Add at least the minimum callerIsMethod support.

m-toolbox/classes/@ao/delay.m | 11 ++++++
m-toolbox/classes/@ao/diff.m | 8 ++++++
2 files changed, 18 insertions(+), 1 deletion(-)

[2013-05-24 13:51:35 +0200][4a08150] Mauro Hueller
Bug fixed on handling temporary folders

m-toolbox/classes/+utils/@modules/releaseModule.m | 9 ++++++---
1 file changed, 6 insertions(+), 3 deletions(-)

[2013-05-24 13:24:22 +0200][aff15f8] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-24 13:23:30 +0200][05823e0] Mauro Hueller
Adapted to work, in git, with a single git module with many LTPDA modules

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

[2013-05-24 13:09:57 +0200][c96ff18] Martin Hewitson
bug fix: index variable error.

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

[2013-05-24 13:08:01 +0200][8e3b042] Martin Hewitson
Bug fix: ensure we look for a moduleinfo.xml file relative to the specified directory, otherwise we pick up
whichever is in the path.

m-toolbox/classes/+utils/@modules/moduleInfo.m | 5 ++++-
1 file changed, 4 insertions(+), 1 deletion(-)

[2013-05-24 13:00:16 +0200][d7bc244] Nikos
update

decisionM.m | 12 ++++++-----
1 file changed, 7 insertions(+), 5 deletions(-)

[2013-05-24 11:58:23 +0200][81ad3d6] Mauro Hueller
Bug fix: removed duplicated command

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

[2013-05-24 11:28:09 +0200][4544538] Martin Hewitson
use data.getX and data.getY because they are faster.

m-toolbox/classes/@ao/double.m | 2 +-
m-toolbox/classes/@ao/fft_core.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-05-24 11:26:51 +0200][50ebd04] Nikos
Added deleted functions, since now we can use function handles

MCMC.m | 2 ++
decision.m | 57 +++
decisionM.m | 61 +++
3 files changed, 120 insertions(+)

[2013-05-24 11:26:24 +0200][8f05bc6] Nikos
code cleaning, reorganization

mhsample.m | 202 ++++++-----
1 file changed, 119 insertions(+), 83 deletions(-)

[2013-05-24 11:25:58 +0200][0415986] Nikos
typos

logDecision.m | 12 +++++-----
1 file changed, 6 insertions(+), 6 deletions(-)

[2013-05-24 11:23:00 +0200][819feb6] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-05-24 11:22:57 +0200][0cbd626] Ingo Diepholz
It is a little bit faster to check the number of inputs than to make a string compare.

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

[2013-05-24 11:14:45 +0200][80e4758] Martin Hewitson
check the length of the y vector directly. It's faster.

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

[2013-05-24 11:14:23 +0200][6e67079] Martin Hewitson
access fs of the data object - it's faster.

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

[2013-05-24 11:14:01 +0200][582bdbb] Martin Hewitson
access toffset of the data object.

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

[2013-05-24 11:13:41 +0200][c5ed7d6] Martin Hewitson
use data.getX and data.getY because they are faster.

m-toolbox/classes/@ao/detrend.m | 10 +++++-----
m-toolbox/classes/@ao/diff.m | 4 +---
m-toolbox/classes/@ao/split.m | 14 ++++++-----
m-toolbox/classes/@ao/wosa.m | 24 ++++++-----
4 files changed, 26 insertions(+), 26 deletions(-)

[2013-05-24 11:05:40 +0200][4106427] Mauro Hueller
Rewritten so to support more VCS (GIT, SVN, HG). Currently tested with SVN only.

m-toolbox/classes/+utils/@modules/releaseModule.m | 165 ++++++-----
1 file changed, 95 insertions(+), 70 deletions(-)

[2013-05-24 10:49:59 +0200][1d2cd10] Martin Hewitson

Access the fs from the data object. It's faster because it skips a callerIsMethod check and an isInfoCall check.

m-toolbox/classes/@ao/fft.m | 2 +-
m-toolbox/classes/@ao/iffm.m | 2 +-
m-toolbox/classes/@ao/join.m | 10 +++++-----
m-toolbox/classes/@ao/split.m | 4 +-
4 files changed, 9 insertions(+), 9 deletions(-)

[2013-05-24 10:46:33 +0200][bf87c4d] Martin Hewitson

Access the x and y units from the data object. It's faster because it skips a callerIsMethod check and an isInfoCall check.

m-toolbox/classes/@ao/average.m | 6 +++++-
m-toolbox/classes/@ao/bin_data.m | 2 +-
m-toolbox/classes/@ao/detrend.m | 2 +-
m-toolbox/classes/@ao/fixAxisData.m | 4 +-
m-toolbox/classes/@ao/join.m | 28 ++++++-----
m-toolbox/classes/@ao/polyfit.m | 6 +++++-
m-toolbox/classes/@matrix/elementOp.m | 4 +-
m-toolbox/classes/@matrix/mtimes.m | 10 +++++-----
8 files changed, 31 insertions(+), 31 deletions(-)

[2013-05-24 09:34:37 +0200][56d9cdb] Mauro Hueller

Supporting a scenario (e.g. releases) where we want to keep the generated .hash file local

m-toolbox/classes/+utils/@modules/generateHash.m | 13 ++++++-----
1 file changed, 13 insertions(+)

[2013-05-23 22:59:49 +0200][16d63aa] Mauro Hueller

Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-23 22:57:23 +0200][ff8fb5a] Mauro Hueller

Send out also messages from the inner functions

m-toolbox/classes/+utils/@modules/generateHash.m | 10 +++++-----
m-toolbox/classes/+utils/@modules/generateVCSHash.m | 14 ++++++-----
.../classes/+utils/@modules/installExtensionsForDir.m | 2 +-
3 files changed, 13 insertions(+), 13 deletions(-)

[2013-05-23 22:56:45 +0200][122c3c1] Mauro Hueller

Cosmetics

0 files changed

[2013-05-23 17:41:23 +0200][9e64844] Ingo Diepholz

Add getter for the displayPanel variable.

src/MPipeline2/src/mpipeline/ltppdpreferences/LTPDAPrefsTabPane.java | 4 ++++
1 file changed, 4 insertions(+)

[2013-05-23 17:41:02 +0200][49b7e49] Ingo Diepholz
Add getter for the verboseLevelCombo variable.

.../src/mpipeline/ltpdapreferences/DisplayPrefGroupPanel.java | 6 ++++-
1 file changed, 5 insertions(+), 1 deletion(-)

[2013-05-23 17:40:15 +0200][73d46f6] Ingo Diepholz
call-back function if the user change the verbose level in the LTPDA preferences gui. This function resets the persistent verbose level variable.

m-toolbox/classes/@LTPDAprefs/cb_verboseLevelChanged.m | 13 ++++++++
1 file changed, 13 insertions(+)

[2013-05-23 17:38:20 +0200][983286c] Ingo Diepholz
Add a functionality to reset the persistent variable.

m-toolbox/classes/+utils/@helper/msg.m | 7 ++++-
1 file changed, 6 insertions(+), 1 deletion(-)

[2013-05-23 17:37:28 +0200][ce62ad2] Ingo Diepholz
Add a call-back to the verbose level combo box.

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

[2013-05-23 17:36:47 +0200][d0ccd64] Ingo Diepholz
Update jar file -> necessary for the LTPDA preferences gui

src/MPipeline2/dist/MPipeline2.jar | Bin 3527808 -> 3528054 bytes
1 file changed, 0 insertions(+), 0 deletions(-)

[2013-05-23 17:06:09 +0200][95a9694] Ingo Diepholz
Use the core version of the PLIST method setDefaultForParam

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

[2013-05-23 17:01:15 +0200][c7601e4] Ingo Diepholz
Use the core version of the PLIST methods: matchKey and matchKeys

m-toolbox/classes/@plist/append.m | 8 ++++---
m-toolbox/classes/@plist/find.m | 2 +-
m-toolbox/classes/@plist/getIndexForKey.m | 2 +-
m-toolbox/classes/@plist/mfind.m | 2 +-
m-toolbox/classes/@plist/pset.m | 2 +-
m-toolbox/classes/@plist/removeKeys.m | 2 +-
m-toolbox/classes/@plist/setPropertyForKey.m | 2 +-
m-toolbox/classes/@plist/setSelectionForParam.m | 2 +-
8 files changed, 11 insertions(+), 11 deletions(-)

[2013-05-23 16:32:37 +0200][dc2f583] Ingo Diepholz

Use the core method of the plist/isparam method.

```

m-toolbox/classes/@ao/ao.m | 38 ++++++-----
m-toolbox/classes/@ao/fromDataInMAT.m | 4 +-
m-toolbox/classes/@ao/fromDatafile.m | 4 +-
m-toolbox/classes/@ao/fromProcinfo.m | 2 +-
m-toolbox/classes/@ao/hist.m | 2 +-
m-toolbox/classes/@ao/split.m | 12 +++----
m-toolbox/classes/@collection/collection.m | 10 +++---
m-toolbox/classes/@collection/fromInput.m | 2 +-
m-toolbox/classes/@collection/identifyInsideObjs.m | 2 +-
.../classes/@collection/removeObjectAtIndex.m | 2 +-
m-toolbox/classes/@collection/setObjectAtIndex.m | 2 +-
m-toolbox/classes/@filterbank/filterbank.m | 10 +++---
m-toolbox/classes/@history/getNodes.m | 4 +-
m-toolbox/classes/@ltpda_tf/resp.m | 4 +-
m-toolbox/classes/@ltpda_uo/fromFile.m | 2 +-
m-toolbox/classes/@ltpda_uo/processSetterValues.m | 2 +-
m-toolbox/classes/@ltpda_uo/save.m | 2 +-
m-toolbox/classes/@matrix/matrix.m | 14 ++++----
m-toolbox/classes/@matrix/setObjs.m | 4 +-
m-toolbox/classes/@mfh/mfh.m | 4 +-
m-toolbox/classes/@mfh/processSetterValues.m | 2 +-
m-toolbox/classes/@mfir/mfir.m | 18 +++++-----
m-toolbox/classes/@mfir/redesign.m | 2 +-
m-toolbox/classes/@miir/miir.m | 20 +++++-----
m-toolbox/classes/@miir/redesign.m | 2 +-
m-toolbox/classes/@minfo/modelOverview.m | 2 +-
m-toolbox/classes/@parfrac/parfrac.m | 16 +++++-----
m-toolbox/classes/@pest/find.m | 2 +-
m-toolbox/classes/@pest/genericSet.m | 2 +-
m-toolbox/classes/@pest/pest.m | 10 +++---
m-toolbox/classes/@pest/setDyForParameter.m | 2 +-
m-toolbox/classes/@pest/setXvals.m | 2 +-
m-toolbox/classes/@pest/setYforParameter.m | 2 +-
m-toolbox/classes/@pest/setYunitsForParameter.m | 2 +-
m-toolbox/classes/@plist/merge.m | 8 +++--
m-toolbox/classes/@plist/plist.m | 6 +++-
m-toolbox/classes/@plist/processForHistory.m | 2 +-
m-toolbox/classes/@plist/processSetterValues.m | 2 +-
m-toolbox/classes/@plist/propertiesForParam.m | 2 +-
m-toolbox/classes/@plist/setDefaultForParam.m | 2 +-
m-toolbox/classes/@plist/setDescriptionForParam.m | 2 +-
m-toolbox/classes/@plist/setOptionsForParam.m | 2 +-
m-toolbox/classes/@plist/setSelectionForParam.m | 2 +-
m-toolbox/classes/@plist/shouldIgnore.m | 2 +-
m-toolbox/classes/@pzmodel/pzmodel.m | 19 +++++-----
m-toolbox/classes/@pzmodel/setPoles.m | 2 +-
m-toolbox/classes/@pzmodel/setZeros.m | 2 +-
m-toolbox/classes/@rational/rational.m | 16 +++++-----
m-toolbox/classes/@smodel/addAliases.m | 2 +-
m-toolbox/classes/@smodel/addParameters.m | 2 +-
m-toolbox/classes/@smodel/setAliasNames.m | 2 +-
m-toolbox/classes/@smodel/setAliasValues.m | 2 +-
m-toolbox/classes/@smodel/setAliases.m | 2 +-
m-toolbox/classes/@smodel/setParameters.m | 2 +-
m-toolbox/classes/@smodel/setParams.m | 4 +-
m-toolbox/classes/@smodel/setTrans.m | 2 +-
m-toolbox/classes/@smodel/setValues.m | 2 +-
m-toolbox/classes/@smodel/setXunits.m | 2 +-

```

```

m-toolbox/classes/@smodel/setXvals.m      | 2 +-
m-toolbox/classes/@smodel/setXvar.m       | 2 +-
m-toolbox/classes/@smodel/smodel.m        | 10 +++--
m-toolbox/classes/@ssm/buildParamPlist.m  | 6 +++-
m-toolbox/classes/@ssm/ssm.m              | 24 ++++++-----
m-toolbox/classes/@timespan/timespan.m    | 12 +++-----
64 files changed, 178 insertions(+), 179 deletions(-)

```

[2013-05-23 16:01:02 +0200][e0c0b6c] Ingo Diepholz

Bug fix: It is necessary to loop over the objects because fromStruct and/or fromFile might return more objects than one param object.

```

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

```

[2013-05-23 15:30:54 +0200][700ce02] Martin Hewitson

Bug fix: the checking for a paramValue needs to happen inside the core function.

```

m-toolbox/classes/@plist/setDefaultForParam.m | 3 ---
m-toolbox/classes/@plist/setDefaultForParam_core.m | 4 ++++
2 files changed, 4 insertions(+), 3 deletions(-)

```

[2013-05-23 15:30:30 +0200][5af7e03] Martin Hewitson

remove dead code

```

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

```

[2013-05-23 15:15:16 +0200][147b2df] Ingo Diepholz

Use a factory unit for 's' seconds.

```

m-toolbox/classes/@ao/ao.m      | 6 +++--
m-toolbox/classes/@ao/delayEstimate.m | 2 +-
m-toolbox/classes/@ao/eqmotion.m | 4 +++-
m-toolbox/classes/@ao/evaluateModel.m | 2 +-
m-toolbox/classes/@ao/fngen.m    | 2 +-
m-toolbox/classes/@ao/gapfillingoptim.m | 6 +++--
m-toolbox/classes/@ao/sineParams.m | 2 +-
m-toolbox/classes/@ao/spectrogram.m | 2 +-
m-toolbox/classes/@ao/spsdSubtraction.m | 2 +-
m-toolbox/classes/@ao/xcorr.m    | 2 +-
m-toolbox/classes/@plist/plist.m | 2 +-
m-toolbox/classes/@pzmodel/fngen.m | 2 +-
m-toolbox/classes/@ssm/kalman.m   | 4 +++-
m-toolbox/classes/@ssm/resp.m     | 4 +++-
m-toolbox/classes/@ssm/respcst.m  | 4 +++-
m-toolbox/classes/@ssm/simulate.m | 4 +++-
16 files changed, 25 insertions(+), 25 deletions(-)

```

[2013-05-23 15:01:14 +0200][2421156] Ingo Diepholz

Use a factory unit for Hz.

```

m-toolbox/classes/@ao/ao.m      | 4 +++-
m-toolbox/classes/@ao/bicohere.m | 4 +++-
m-toolbox/classes/@ao/buildWhitener1D.m | 2 +-

```

```

m-toolbox/classes/@ao/dft.m | 4 ++--
m-toolbox/classes/@ao/evaluateModel.m | 2 +-
m-toolbox/classes/@ao/fft.m | 2 +-
m-toolbox/classes/@ao/gapfillingoptim.m | 4 ++--
m-toolbox/classes/@ao/lpsd.m | 4 ++--
m-toolbox/classes/@ao/lxspec.m | 8 +++-----
m-toolbox/classes/@ao/ppsd.m | 4 ++--
m-toolbox/classes/@ao/quasiSweptSine.m | 2 +-
m-toolbox/classes/@ao/spectrogram.m | 4 ++--
m-toolbox/classes/@ao/spsd.m | 4 ++--
m-toolbox/classes/@ao/spsdSubtraction.m | 4 ++--
m-toolbox/classes/@ao/xspec.m | 7 +++-----
m-toolbox/classes/@ssm/bode.m | 4 ++--
m-toolbox/classes/@ssm/bodecst.m | 4 ++--
m-toolbox/classes/@ssm/cpsd.m | 4 ++--
m-toolbox/classes/@ssm/cpsdForCorrelatedInputs.m | 8 +++-----
m-toolbox/classes/@ssm/cpsdForIndependentInputs.m | 16 ++++++-----
m-toolbox/classes/@ssm/psd.m | 8 +++-----
21 files changed, 50 insertions(+), 53 deletions(-)

```

[2013-05-23 14:48:46 +0200][a236c42] Mauro Hueller
Hope this is the right syntax. To be checked.

```

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

```

[2013-05-23 14:37:27 +0200][3cbc680] Martin Hewitson
Only store a paramValue object if we have options. This makes accessing the value later faster.

```

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

```

[2013-05-23 13:26:58 +0200][80627c9] Mauro Hueller
These were moved into the modules sub-package

```

m-toolbox/classes/+utils/@modules/installExtensions.m | 2 +-
m-toolbox/classes/+utils/@modules/uninstallExtensions.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

```

[2013-05-23 13:25:06 +0200][4b273a3] Mauro Hueller
Moved into the modules sub-package

```

m-toolbox/classes/+utils/@helper/getExtensionDirs.m | 13 -----
m-toolbox/classes/+utils/@helper/helper.m | 1 -
m-toolbox/classes/+utils/@modules/getExtensionDirs.m | 13 ++++++
m-toolbox/classes/+utils/@modules/modules.m | 2 ++
4 files changed, 15 insertions(+), 14 deletions(-)

```

[2013-05-23 13:18:20 +0200][68d5ff8] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-23 13:01:56 +0200][c17892e] Mauro Hueller
Cosmetics

m-toolbox/classes/+utils/@modules/modules.m | 6 +++++
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-05-23 12:59:19 +0200][645625f] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-23 12:59:17 +0200][358f8cc] Martin Hewitson
Merge branch 'master' into function_handles

[2013-05-23 12:48:09 +0200][2f646f4] Mauro Hueller
Added help

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

[2013-05-23 12:45:59 +0200][67876fe] Mauro Hueller
Factored out code into mode utilities. Might be useful

.../+utils/@helper/installExtensionsForDir.m | 80 +-----
m-toolbox/classes/+utils/@modules/copyHashFile.m | 28 +++++++
m-toolbox/classes/+utils/@modules/generateHash.m | 39 ++++++++
.../classes/+utils/@modules/generateVCSHash.m | 28 +++++++
m-toolbox/classes/+utils/@modules/modules.m | 4 ++
5 files changed, 101 insertions(+), 78 deletions(-)

[2013-05-23 12:18:35 +0200][de73355] Martin Hewitson
Merge branch 'master' into function_handles

[2013-05-23 12:17:38 +0200][ebe516f] Martin Hewitson
set various properties directly and exclude them from setObjectProperties (which calls the expensive setters).

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

[2013-05-23 12:17:03 +0200][af89021] Martin Hewitson
declare the new core methods as hidden

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

[2013-05-23 12:16:51 +0200][d850b27] Martin Hewitson
Don't call combine unless we need to.

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

[2013-05-23 12:16:39 +0200][4247804] Martin Hewitson
Refactor core functionality and use in applyDefaults.

m-toolbox/classes/@plist/applyDefaults.m | 3 +-
m-toolbox/classes/@plist/setDefaultForParam.m | 4 ---

m-toolbox/classes/@plist/setDefaultForParam_core.m | 6 ++++++
3 files changed, 9 insertions(+), 4 deletions(-)

[2013-05-23 12:16:04 +0200][e88dd32] Martin Hewitson
faster to check if params array is empty.

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

[2013-05-23 12:15:47 +0200][792d189] Martin Hewitson
faster to get length of params array.

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

[2013-05-23 12:15:27 +0200][88a3d67] Martin Hewitson
Refactor core functiRefactor core functionality and use in various methods.

m-toolbox/classes/@ltpda_tf/resp.m | 2 +-
m-toolbox/classes/@ltpda_uoh/addHistory.m | 4 +---
m-toolbox/classes/@plist/applyDefaults.m | 2 +-
m-toolbox/classes/@plist/isparam.m | 6 +-----
m-toolbox/classes/@plist/isparam_core.m | 9 ++++++++
5 files changed, 14 insertions(+), 9 deletions(-)

[2013-05-23 12:14:34 +0200][d6068b7] Martin Hewitson
Refactor core functionality and use in various plist methods.

m-toolbox/classes/@plist/applyDefaults.m | 2 +-
m-toolbox/classes/@plist/combine.m | 2 +-
m-toolbox/classes/@plist/matchKeys.m | 21 +-----
m-toolbox/classes/@plist/matchKeys_core.m | 20 ++++++++
m-toolbox/classes/@plist/parse.m | 5 +----
5 files changed, 25 insertions(+), 25 deletions(-)

[2013-05-23 12:13:24 +0200][540af04] Martin Hewitson
refactor core functionality.

m-toolbox/classes/@plist/matchKey.m | 17 ++-----
m-toolbox/classes/@plist/matchKey_core.m | 20 ++++++++
2 files changed, 22 insertions(+), 15 deletions(-)

[2013-05-23 12:10:45 +0200][19643f1] Martin Hewitson
Use a factory unit for Hz.

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

[2013-05-23 12:10:29 +0200][f02f05d] Martin Hewitson
Refactor some core functionality out of isprop and use it in various ao methods.

m-toolbox/classes/@ao/elementOp.m | 2 +-
m-toolbox/classes/@ao/find.m | 2 +-

```

m-toolbox/classes/@ao/fs.m          | 2 +-
m-toolbox/classes/@ao/split.m       | 6 +++---
m-toolbox/classes/@ao/t0.m          | 2 +-
m-toolbox/classes/@ao/x.m           | 2 +-
m-toolbox/classes/@ao/xunits.m      | 2 +-
m-toolbox/classes/@ao/yunits.m      | 2 +-
m-toolbox/classes/@ltpda_obj/isprop.m | 8 +-----
m-toolbox/classes/@ltpda_obj/isprop_core.m | 11 ++++++++
m-toolbox/classes/@ltpda_obj/ltpda_obj.m | 3 +++
11 files changed, 25 insertions(+), 17 deletions(-)

```

[2013-05-23 12:09:11 +0200][4627e9a] Martin Hewitson
Access the t0 on the data object - faster.

```

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

```

[2013-05-23 12:08:42 +0200][1091352] Martin Hewitson
Use setter methods on the data class. Faster.

```

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

```

[2013-05-23 12:08:30 +0200][b0acbc8] Martin Hewitson
Use setter methods on the data class. Faster.

```

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

```

[2013-05-23 12:08:14 +0200][8f8716e] Martin Hewitson
Access t0 on the data object (faster) and set the xunits using the persistent factory constructor for Hz.

```

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

```

[2013-05-23 12:07:33 +0200][d354c2a] Martin Hewitson
Call the setter on the data, it's faster.

```

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

```

[2013-05-23 12:07:17 +0200][557b42b] Martin Hewitson
No need to make a new object. The constructor does that for us.

```

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

```

[2013-05-23 12:07:00 +0200][1fd417e] Martin Hewitson
Take the most likely case first, to remove how far up the class structure we have to climb.

```

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 6 +++++-
1 file changed, 5 insertions(+), 1 deletion(-)

```

[2013-05-23 11:27:22 +0200][3065821] Nikos
Don't keep history if callerIsMethod

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

[2013-05-23 09:46:08 +0200][48c69f1] Mauro Hueller
Typo

0 files changed

[2013-05-23 09:44:47 +0200][7295b1d] Mauro Hueller
Merge branch 'master' into Ingo_new_Fcn_releaseModule

[2013-05-22 21:52:16 +0200][56b2359] Mauro Hueller
Typos

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

[2013-05-22 14:03:14 +0200][c4f3152] Ingo Diepholz
Convert the RGB colors for the case that the user have define the color in the range 0 - 255

m-toolbox/classes/+utils/@prog/mcolor2jcolor.m | 6 +++++-
1 file changed, 5 insertions(+), 1 deletion(-)

[2013-05-22 10:43:52 +0200][09997a6] ferraioli
accepts a pest as input for the parameters and output a copy of that pest with the error and covariance field filled in

m-toolbox/classes/@mfh/getFitErrors.m | 16 ++++++-----
1 file changed, 11 insertions(+), 5 deletions(-)

[2013-05-22 10:42:47 +0200][8b64ca4] ferraioli
now fminsearch output a pest object. Error field is not filled in since it is handled by getFitError externally

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

[2013-05-21 15:59:07 +0200][728fa4f] Ingo Diepholz
Merge remote-tracking branch 'origin/master' into function_handles

[2013-05-21 12:20:11 +0200][8216d20] Mauro Hueller
Only cosmetics and better variable names

m-toolbox/classes/@matrix/filtfilt.m | 54 ++++++-----
1 file changed, 29 insertions(+), 25 deletions(-)

[2013-05-21 10:03:26 +0200][6369070] Mauro Hueller

Added more matrix/collection methods, all implemented via wrapper

```
m-toolbox/classes/@ltpda_container/downsample.m | 108 ++++++
m-toolbox/classes/@ltpda_container/interp.m      | 108 ++++++
m-toolbox/classes/@ltpda_container/interpmissing.m | 108 ++++++
m-toolbox/classes/@ltpda_container/removeVal.m   | 108 ++++++
4 files changed, 432 insertions(+)
```

[2013-05-17 15:34:07 +0200][b871be7] Nikos

A Fisher Matrix function to compute a covariance of the parameters given a noise level

```
m-toolbox/classes/@mfh/fisher.m | 162 ++++++
1 file changed, 162 insertions(+)
```

[2013-05-15 17:04:00 +0200][c751f9f] Ingo Diepholz

I think it also make sense to have a setter for 'inputObjects'.

```
m-toolbox/classes/@mfh/setInputObjects.m | 86 ++++++
1 file changed, 86 insertions(+)
```

[2013-05-15 16:49:33 +0200][e8e7bd9] Ingo Diepholz

Overload processSetterValues because the inherited method can not set cell arrays to a property because it want to set the elements inside the cell to a different input object.

```
m-toolbox/classes/@mfh/mfh.m          | 1 +
m-toolbox/classes/@mfh/processSetterValues.m | 32 ++++++
2 files changed, 33 insertions(+)
```

[2013-05-15 16:15:19 +0200][7cd4b8b] Ingo Diepholz

bug fix: I have forgotten to put the name of the mfh-object into the history.

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

[2013-05-15 16:11:27 +0200][4c4e50f] Ingo Diepholz

I think it is essential for the mfh class that each object have a 'name'. For that reason I ensure that the property 'name' is filled on top of the constructor and all constructors must put this 'name' into the history if the user doesn't support a name.

```
m-toolbox/classes/@mfh/mfh.m | 19 ++++++-----
1 file changed, 14 insertions(+), 5 deletions(-)
```

[2013-05-15 16:02:59 +0200][d56c9d5] Ingo Diepholz

new setter method for setting objects to the property 'constObjects'

```
m-toolbox/classes/@mfh/setConstObjects.m | 86 ++++++
1 file changed, 86 insertions(+)
```

[2013-05-15 14:21:02 +0200][2fa7876] Ingo Diepholz

Make all properties protected. --> But now is the question: Do we need setters?

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

[2013-05-15 14:17:20 +0200][5db87b8] Ingo Diepholz

See the changes below: - Remove the set 'Default' because it is already inherited from ltpda_uo. - Add only for the 'Default' PLIST set the new parameters. We shouldn't do this for example for the SET 'From XML File'.

m-toolbox/classes/@mfh/mfh.m | 29 ++++++-----

1 file changed, 15 insertions(+), 14 deletions(-)

[2013-05-15 14:12:37 +0200][f8f1a2e] Ingo Diepholz

Merge remote-tracking branch 'origin/function_handles' into function_handles

[2013-05-15 14:12:25 +0200][d2b6169] Ingo Diepholz

I think it is possible that the cell of 'inputObjects' or 'constObjects' can contain PLISTs. IT is also necessary to copy these.

m-toolbox/classes/@mfh/copy.m | 3 +--

1 file changed, 1 insertion(+), 2 deletions(-)

[2013-05-14 18:38:54 +0200][55c882f] Nikos

Updating the function

m-toolbox/classes/@mfh/loglikelihood_core.m | 28 ++++++-----

1 file changed, 16 insertions(+), 12 deletions(-)

[2013-05-14 18:28:11 +0200][3d612dd] Nikos

Small workaround for now, to allow calculating the mfh/log-likelihood

defineLogLikelihood.m | 4 ++++

1 file changed, 4 insertions(+)

[2013-05-14 18:03:54 +0200][b6e3ed9] Nikos

Merge branch 'function_handles' of gitmaster.atlas.aei.uni-hannover.de:ltpra/ltpra_src into function_handles

[2013-05-14 17:55:54 +0200][b3ca63f] ferraioli

a test script for the fit errors for the simple case of a fit to a line

m-toolbox/test/function_handles/test_fit_error01.m | 82 ++++++-----

1 file changed, 82 insertions(+)

[2013-05-14 17:54:55 +0200][bd0346d] ferraioli

a method to get fit errors

m-toolbox/classes/@mfh/getFitErrors.m | 34 ++++++-----

1 file changed, 34 insertions(+)

[2013-05-14 17:54:23 +0200][576b891] ferraioli

code improved for the calculation of the inverse of the R matrix obtained from qr decomposition of Jacobian

m-toolbox/classes/@mfh/paramCovMat.m | 10 ++++++--

1 file changed, 8 insertions(+), 2 deletions(-)

[2013-05-14 17:53:36 +0200][fbfe05c] ferraioli
bug fixed, sometime you get ao and we want to extract data

m-toolbox/classes/@mfh/getJacobian.m | 9 +++++++-
1 file changed, 8 insertions(+), 1 deletion(-)

[2013-05-14 17:16:47 +0200][3dc59b8] Ingo Diepholz
nothing

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

[2013-05-14 17:16:39 +0200][c94d975] Ingo Diepholz
Add alternative keys to constObjects + constant Objects inputObjects + input Objects

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

[2013-05-14 17:15:08 +0200][63ef8a5] Ingo Diepholz
Fill dummy function with code.

m-toolbox/classes/@mfh/generateConstructorPlist.m | 29 ++++++
1 file changed, 29 insertions(+)

[2013-05-14 16:57:26 +0200][caa4e72] Nikos
Adapting to recent changes. Now simplex also accepts mfh objects

mhsample.m | 2 +-
simplex.m | 32 ++++++
2 files changed, 20 insertions(+), 14 deletions(-)

[2013-05-14 16:56:37 +0200][ce4a036] Nikos
Allowing manipulation for single inputs

ao2strucArrays.m | 23 ++++++
1 file changed, 14 insertions(+), 9 deletions(-)

[2013-05-14 16:45:58 +0200][2fb1ce2] Ingo Diepholz
Add from structure constructor.

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

[2013-05-14 16:45:41 +0200][ad754c8] Ingo Diepholz
Add a blank line before the mfh output.

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

[2013-05-14 16:45:19 +0200][90f16d4] Ingo Diepholz
Add fromStruct function.

m-toolbox/classes/@mfh/fromStruct.m | 82 ++++++
1 file changed, 82 insertions(+)

[2013-05-14 15:28:43 +0200][4ef6407] Ingo Diepholz
Add inputs to the output string (like the MATLAB function handle)

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

[2013-05-14 12:47:26 +0200][1ab9933] Nikos
A log-likelihood function for mfh objects

m-toolbox/classes/@mfh/loglikelihood_core.m | 41 ++++++
1 file changed, 41 insertions(+)

[2013-05-14 12:11:05 +0200][1ff904f] Ingo Diepholz
bug fix: Remove by exident added code in the 'interval' section.

m-toolbox/classes/@ao/split.m | 39 -----
1 file changed, 39 deletions(-)

[2013-05-14 12:01:48 +0200][e19feba] Nikos
Pushing the split diffs also in this branch

m-toolbox/classes/@ao/split.m | 37 +++++-----
1 file changed, 6 insertions(+), 31 deletions(-)

[2013-05-14 11:59:22 +0200][2ce7e05] Nikos
Fixing the split function, part 2

m-toolbox/classes/@ao/split.m | 80 +++++-----
1 file changed, 28 insertions(+), 52 deletions(-)

[2013-05-14 08:14:15 +0200][2ac8bf8] Martin Hewitson
Quick fix to split to get it working again, but this needs carefully checked!

m-toolbox/classes/@ao/split.m | 65 +++++-----
1 file changed, 30 insertions(+), 35 deletions(-)

[2013-05-14 08:00:12 +0200][6a90f58] Martin Hewitson
Merge branch 'master' into function_handles

[2013-05-13 19:06:53 +0200][d4a0fb8] ferraioli
a test script for the jacobian calcuation

m-toolbox/test/function_handles/test_jacobian.m | 27 ++++++
1 file changed, 27 insertions(+)

[2013-05-13 19:04:30 +0200][60b6dd8] ferraioli
a first attempt to a method to get the covariance matrix for the parameters

m-toolbox/classes/@mfh/paramCovMat.m | 48 ++++++
1 file changed, 48 insertions(+)

[2013-05-13 18:13:03 +0200][d5fb474] ferraioli
a method the get the jacobian matrix of a function

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

[2013-05-13 16:23:40 +0200][7d0bd6b] Ingo Diepholz
Add two new files which adds/gets a cell of strings to/from a DOM object. - attachCellstrToDom - getCellstr

m-toolbox/classes/+utils/@xml/attachCellstrToDom.m | 22 ++++++
m-toolbox/classes/+utils/@xml/getCellstr.m | 19 ++++++
2 files changed, 41 insertions(+)

[2013-05-13 16:23:28 +0200][b733841] Ingo Diepholz
Add two new files which adds/gets a cell of strings to/from a DOM object. - attachCellstrToDom - getCellstr

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

[2013-05-13 16:22:04 +0200][40cfe5a] Ingo Diepholz
Fill dummy file with code.

m-toolbox/classes/@mfh/attachToDom.m | 31 ++++++-----
1 file changed, 22 insertions(+), 9 deletions(-)

[2013-05-13 16:21:54 +0200][5e20dbb] Ingo Diepholz
Fill dummy file with code.

m-toolbox/classes/@mfh/fromDom.m | 38 ++++++-----
1 file changed, 35 insertions(+), 3 deletions(-)

[2013-05-13 16:20:55 +0200][3a82067] Ingo Diepholz
See list of changes below: - Add description to the properties - Changed the output variable name from 'f' to 'obj' - The constructor MUST handle different constructor inputs -> remove error if the number of inputs are larger 1 - Add copy constructor - Add constructor for reading from file - Throw errors for unknown constructors.

m-toolbox/classes/@mfh/mfh.m | 112 ++++++-----
1 file changed, 85 insertions(+), 27 deletions(-)

[2013-05-13 12:22:48 +0200][a9a478b] Nikos
reverting the split function

m-toolbox/classes/@ao/split.m | 41 ++++++-----
1 file changed, 22 insertions(+), 19 deletions(-)

[2013-05-11 07:51:54 +0200][de4accd] Martin Hewitson
Bug fix: we shouldn't be forcing the scale to PSD.

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

[2013-05-10 19:27:18 +0200][34e5e5a] Martin Hewitson
Bug fix: we need to pass this flag into doSimulateSimple too.

m-toolbox/classes/@ssm/doSimulate.m | 6 +++---
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-05-10 19:27:18 +0200][d5c34b7] Martin Hewitson
Bug fix: we need to pass this flag into doSimulateSimple too.

m-toolbox/classes/@ssm/doSimulate.m | 6 +++---
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-05-10 19:22:37 +0200][ac75c91] Martin Hewitson
Some basic method declarations.

m-toolbox/classes/@mfh/mfh.m | 32 +++++
1 file changed, 32 insertions(+)

[2013-05-10 17:18:05 +0200][fb28cf2] Nikos
Avoid some warnings

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

[2013-05-10 15:15:50 +0200][aaac287] Martin Hewitson
Merge branch 'function_handles' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into function_handles

[2013-05-10 15:14:57 +0200][cf51368] Martin Hewitson
Beginning the work for making this a real class.

m-toolbox/classes/@mfh/attachToDom.m | 45 +++++
m-toolbox/classes/@mfh/fromDom.m | 37 +++++
m-toolbox/classes/@mfh/update_struct.m | 27 +++++
3 files changed, 109 insertions(+)

[2013-05-10 15:05:56 +0200][467afce] Martin Hewitson
Move these to their own files.

m-toolbox/classes/@mfh/declare_objects.m | 24 +++++
m-toolbox/classes/@mfh/function_handle.m | 26 +++++
m-toolbox/classes/@mfh/mfh.m | 48 +++++
3 files changed, 55 insertions(+), 43 deletions(-)

[2013-05-10 13:40:57 +0200][ad5e0bc] Nikos
Bug fixed

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

[2013-05-10 13:39:18 +0200][230b5b0] Nikos
Tests updates and fixes

mhsample.m | 10 ++++++----
tests/test_convergence.m | 5 +----
tests/test_default_plist.m | 2 +-
tests/test_simplex.m | 2 ++
4 files changed, 11 insertions(+), 8 deletions(-)

[2013-05-09 17:47:11 +0200][0a1d87e] Nikos
Some additions to allow sampling function handles models

MCMC.m | 1 +
defineLogLikelihood.m | 33 ++++++
mhsample.m | 40 ++++++
3 files changed, 67 insertions(+), 7 deletions(-)

[2013-05-08 13:52:58 +0200][9f2709a] Nikos
Merge branch 'master' into function_handles

[2013-05-08 10:26:01 +0200][ce001ab] Nikos
Fixed the split function to maintain the structure of input aos

m-toolbox/classes/@ao/split.m | 42 ++++++
1 file changed, 20 insertions(+), 22 deletions(-)

[2013-05-08 10:01:35 +0200][7b0efd7] Nikos
typo

preprocess.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-05-08 09:43:03 +0200][9f49646] Nikos
Merge branch 'master' into mcmc_Code_Review

[2013-05-08 09:32:57 +0200][aa207c5] Nikos
Cosmetics, better help

getDefaultPlist.m | 8 ++++++--
preprocess.m | 5 +++++-
2 files changed, 10 insertions(+), 3 deletions(-)

[2013-05-06 13:54:24 +0200][a0d7ff0] Ingo Diepholz
Add a check if the OS is a UNIX or a MAC system because it doesn't work on a Windows machine.

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

[2013-05-06 13:47:09 +0200][bdd1592] Ingo Diepholz
bug fix: Rename for stand alone modules the temporary folder to the module name because we don't want a temp dir name for the module in the ZIP file.

m-toolbox/classes/+utils/@modules/modules.m | 3 ++-
m-toolbox/classes/+utils/@modules/releaseModule.m | 20 ++++++-----
2 files changed, 13 insertions(+), 10 deletions(-)

[2013-05-06 13:12:46 +0200][e0c95b5] Ingo Diepholz
Merge remote-tracking branch 'origin/master' into Ingo_new_Fcn_releaseModule

[2013-05-06 13:10:29 +0200][009445d] Ingo Diepholz
first version of this function

m-toolbox/classes/+utils/@modules/releaseModule.m | 98 ++++++-----
1 file changed, 82 insertions(+), 16 deletions(-)

[2013-05-05 22:58:54 +0200][d9817dd] Mauro Hueller
Bug fixed

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

[2013-05-05 08:53:40 +0200][668cb2c] Martin Hewitson
Merge branch 'master' into function_handles

[2013-05-05 08:52:15 +0200][ce55c5f] Martin Hewitson
Support the case where there are multiple lines (error bars)

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

[2013-05-05 08:52:15 +0200][6687ae0] Martin Hewitson
Support the case where there are multiple lines (error bars)

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

[2013-05-04 21:49:56 +0200][01ccddf] Mauro Hueller
Added more matrix/collection methods, all implemented via wrapper

m-toolbox/classes/@ltpda_container/abs.m | 108 ++++++
m-toolbox/classes/@ltpda_container/consolidate.m | 109 ++++++
m-toolbox/classes/@ltpda_container/detrend.m | 109 ++++++
m-toolbox/classes/@ltpda_container/diff.m | 108 ++++++
m-toolbox/classes/@ltpda_container/heterodyne.m | 108 ++++++
m-toolbox/classes/@ltpda_container/polyfit.m | 108 ++++++
m-toolbox/classes/@ltpda_container/timeaverage.m | 108 ++++++
7 files changed, 758 insertions(+)

[2013-05-04 19:56:20 +0200][a241e02] Martin Hewitson
Merge branch 'master' into function_handles

[2013-05-04 19:10:10 +0200][4268bc5] Martin Hewitson

Where we are plotting with error bars, then we don't get objects with type 'line' but with type 'hggroup'

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

[2013-05-04 18:52:06 +0200][8cd190c] Martin Hewitson
But only create a plist if the input plist is empty!

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

[2013-05-04 18:44:52 +0200][a69dc38] Martin Hewitson
bug fix: this code was not executable due to a missing ...

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

[2013-05-04 18:41:03 +0200][53ebbd8] Martin Hewitson
Just do a simple loop over the objects.

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

[2013-05-04 18:40:51 +0200][46e5542] Martin Hewitson
Implement wrapperEval for matrix class too.

m-toolbox/classes/@matrix/wrapperEval.m | 13 ++++++++
1 file changed, 13 insertions(+)

[2013-05-04 18:33:41 +0200][12cba7e] Martin Hewitson
Bug fix: we need at least an empty plist, even in the case of callerIsMethod.

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

[2013-05-04 18:33:17 +0200][bdc1b0c] Martin Hewitson
Bug fix: the wrong variable was being used. Additionally, set the annotation axes to be at the bottom. And also some cleaning up of whitespace.

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

[2013-05-04 18:19:31 +0200][7745840] Martin Hewitson
Allow for more than one figure handle.

m-toolbox/classes/@ao/iplot.m | 4 +++-
m-toolbox/classes/@ao/iplotyy.m | 4 +++-
2 files changed, 6 insertions(+), 2 deletions(-)

[2013-05-04 18:19:18 +0200][1b5af25] Martin Hewitson
Cosmetics

0 files changed

[2013-05-04 12:19:18 +0200][4c4c30f] Martin Hewitson
Further plotting fixes to ensure the legend is at the top of the axes stack.

m-toolbox/classes/@ao/iplot.m | 7 +++++++
m-toolbox/classes/@ao/iplotyy.m | 7 +++++++
m-toolbox/classes/@ao/plot.m | 7 +++++++
3 files changed, 21 insertions(+)

[2013-05-04 10:39:49 +0200][ef4a46e] Martin Hewitson
We should not add GUIs here. This makes our documentation builder unhappy because it has to build instances of all non-abstract classes in this list.

m-toolbox/classes/+utils/@helper/ltpda_classes.m | 5 -----
1 file changed, 5 deletions(-)

[2013-05-04 06:41:58 +0200][b01f642] Mauro Hueller
Added ltpda_container to the ltpda classes

m-toolbox/makeToolbox.m | 38 ++++++-----
1 file changed, 26 insertions(+), 12 deletions(-)

[2013-05-04 06:41:36 +0200][4238589] Mauro Hueller
Cosmetics

0 files changed

[2013-05-04 06:40:00 +0200][0ebb503] Mauro Hueller
Listing a few missing classes

m-toolbox/classes/+utils/@helper/ltpda_classes.m | 29 ++++++-----
1 file changed, 16 insertions(+), 13 deletions(-)

[2013-05-04 06:25:50 +0200][1c59320] Mauro Hueller
Added ltpda_container to the ltpda classes

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

[2013-05-04 06:25:23 +0200][1419600] Mauro Hueller
Added collection to the non abstract classes

m-toolbox/classes/+utils/@helper/ltpda_non_abstract_classes.m | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-05-04 06:24:43 +0200][ff5a456] Mauro Hueller
Cosmetics

m-toolbox/editClassConstructors.m | 4 ++-
1 file changed, 2 insertions(+), 2 deletions(-)

[2013-05-03 18:02:10 +0200][3324dc9] Mauro Hueller
Implemented an lpsd method as a wrapper of the ao one

m-toolbox/classes/@ltpda_container/lpsd.m | 108 ++++++
1 file changed, 108 insertions(+)

[2013-05-03 17:51:50 +0200][23024cd] Mauro Hueller
Implemented an uminus method

m-toolbox/classes/@ltpda_container/uminus.m | 105 ++++++
1 file changed, 105 insertions(+)

[2013-05-03 17:51:26 +0200][ac888e4] Mauro Hueller
Since the collection objects are designed to include objects from different classes, we need to check if the requested method is available

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

[2013-05-03 16:27:26 +0200][af9f409] Mauro Hueller
Show these messages only when the option 'Display time' is set to true

m-toolbox/classes/@ssm/doSimulate.m | 4 ++++
m-toolbox/classes/@ssm/simulate.m | 4 +++-
2 files changed, 6 insertions(+), 2 deletions(-)

[2013-05-03 16:13:15 +0200][e7dc042] Mauro Hueller
The reason for all this: moving these methods at higher level so they are inherited by the user classes

m-toolbox/classes/@ltpda_container/conj.m | 97 ++++++
m-toolbox/classes/@ltpda_container/dsmean.m | 109 ++++++
m-toolbox/classes/@ltpda_container/fft.m | 105 ++++++
m-toolbox/classes/@ltpda_container/fixfs.m | 108 ++++++
m-toolbox/classes/@ltpda_container/psd.m | 108 ++++++
m-toolbox/classes/@ltpda_container/resample.m | 108 ++++++
m-toolbox/classes/@ltpda_container/split.m | 108 ++++++
m-toolbox/classes/@ltpda_container/sqrt.m | 107 ++++++
m-toolbox/classes/@matrix/conj.m | 97 -----
m-toolbox/classes/@matrix/dsmean.m | 109 -----
m-toolbox/classes/@matrix/fft.m | 105 -----
m-toolbox/classes/@matrix/fixfs.m | 108 -----
m-toolbox/classes/@matrix/psd.m | 108 -----
m-toolbox/classes/@matrix/resample.m | 108 -----
m-toolbox/classes/@matrix/split.m | 108 -----
m-toolbox/classes/@matrix/sqrt.m | 107 -----
16 files changed, 850 insertions(+), 850 deletions(-)

[2013-05-03 16:11:16 +0200][1aa37d2] Mauro Hueller
The wrapper method is now implemented at superclass level. Added a class-specific helper function that makes the job of accessing the internal structure of the container

m-toolbox/classes/@collection/collection.m | 7 +++-
m-toolbox/classes/@collection/wrapper.m | 39 -----
m-toolbox/classes/@collection/wrapperEval.m | 10 ++++++

```
m-toolbox/classes/@ltpda_container/wrapper.m | 32 ++++++
m-toolbox/classes/@matrix/matrix.m          | 7 +---
m-toolbox/classes/@matrix/wrapper.m         | 42 -----
6 files changed, 50 insertions(+), 87 deletions(-)
```

[2013-05-03 16:09:25 +0200][b6e5b3a] Mauro Hueller
Subclassing these container classes can be subclassed from the abstract class

```
m-toolbox/classes/@collection/collection.m | 4 +---
m-toolbox/classes/@matrix/matrix.m         | 4 +---
2 files changed, 4 insertions(+), 4 deletions(-)
```

[2013-05-03 16:07:58 +0200][44e02e3] Mauro Hueller
Added an abstract class from where the container classes (such as matrix, collection) can be subclassed

```
.../classes/@ltpda_container/ltpda_container.m | 70 ++++++
1 file changed, 70 insertions(+)
```

[2013-05-03 12:38:12 +0200][89f1994] Mauro Hueller
Support the case where we have only one scalar in the data. In this situation, power and mpower are equivalent.

```
m-toolbox/classes/@cdata/applyoperator.m | 6 ++++++
m-toolbox/classes/@data2D/applyoperator.m | 6 ++++++
2 files changed, 12 insertions(+)
```

[2013-05-03 12:37:12 +0200][b85c426] Mauro Hueller
Bug fixed: we should remove the errors if we do not know how to propagate them

```
m-toolbox/classes/@cdata/applyoperator.m | 1 +
m-toolbox/classes/@data2D/applyoperator.m | 1 +
2 files changed, 2 insertions(+)
```

[2013-05-03 11:46:12 +0200][e1de6c9] ferraioli
testing fftilt with filterbank filters

```
m-toolbox/test/test_ao_fftilt.m | 22 ++++++-----
1 file changed, 17 insertions(+), 5 deletions(-)
```

[2013-05-03 11:45:46 +0200][8a08c93] ferraioli
added the code to cope with filterbank filters

```
m-toolbox/classes/@ao/fftilt_core.m | 19 ++++++
1 file changed, 19 insertions(+)
```

[2013-05-03 11:34:09 +0200][59f8195] Martin Hewitson
When plotting collections and matrix objects, propagate their (additional) requirements down to the plot.

```
m-toolbox/classes/@ao/plot.m          | 8 ++++++
m-toolbox/classes/@collection/plot.m | 8 ++++++
m-toolbox/classes/@matrix/plot.m      | 9 ++++++
3 files changed, 18 insertions(+), 7 deletions(-)
```

[2013-05-03 11:08:04 +0200][72289f9] Martin Hewitson
bug fix: use the last axis handle.

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

[2013-05-03 10:01:19 +0200][cbd2022] Martin Hewitson
A couple of test scripts for the function handles.

m-toolbox/test/function_handles/test_acc_fit.m | 123 ++++++
m-toolbox/test/function_handles/test_mfh.m | 114 ++++++
2 files changed, 237 insertions(+)

[2013-05-03 10:00:33 +0200][a8412a9] Martin Hewitson
The new function handle class

m-toolbox/classes/+utils/@helper/ltpda_classes.m | 1 +
m-toolbox/classes/@mfh/char.m | 83 ++++++
m-toolbox/classes/@mfh/copy.m | 56 ++++++
m-toolbox/classes/@mfh/display.m | 94 ++++++
m-toolbox/classes/@mfh/eval.m | 64 ++++++
m-toolbox/classes/@mfh/fminsearch.m | 30 ++++
m-toolbox/classes/@mfh/generateConstructorPlist.m | 102 ++++++
m-toolbox/classes/@mfh/loadobj.m | 20 +++
m-toolbox/classes/@mfh/mfh.m | 180 ++++++
m-toolbox/classes/@mfh/subsref.m | 10 ++
m-toolbox/makeToolbox.m | 2 +-
11 files changed, 641 insertions(+), 1 deletion(-)

[2013-05-03 09:49:02 +0200][1aac5e3] Martin Hewitson
Bug fix: ensure the last data axes are the active ones so that that title() function etc works as expected.

m-toolbox/classes/@ao/iplot.m | 4 +++-
m-toolbox/classes/@ao/iplotyy.m | 5 ++++-
m-toolbox/classes/@ao/plot.m | 3 +++
3 files changed, 10 insertions(+), 2 deletions(-)

[2013-05-03 06:12:49 +0200][3a53538] Mauro Hueller
Bug fixed on choosing the output variable

m-toolbox/classes/@ao/fs.m | 2 +-
m-toolbox/classes/@ao/nsecs.m | 2 +-
m-toolbox/classes/@ao/t0.m | 2 +-
3 files changed, 3 insertions(+), 3 deletions(-)

[2013-05-02 22:33:24 +0200][1dc7c33] Mauro Hueller
Added support for an array of timespan objects to split and return each segment.

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

[2013-05-02 22:30:57 +0200][4445f5f] Mauro Hueller
Added some getter methods. Maybe not the most clever thing to do, comments welcome!

m-toolbox/classes/@timespan/getEndT.m | 85 ++++++
m-toolbox/classes/@timespan/getNsecs.m | 85 ++++++
m-toolbox/classes/@timespan/getStartT.m | 85 ++++++
3 files changed, 255 insertions(+)

[2013-05-02 22:04:17 +0200][4474af2] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-02 22:04:09 +0200][534e557] Martin Hewitson
Bug fix: missed a case where the callerIsMethod flag was not passed.

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

[2013-05-02 21:37:24 +0200][3ff96f6] Mauro Hueller
Use utils.helper.setOutput to set the outputs

m-toolbox/classes/@ao/fs.m | 10 +-----
m-toolbox/classes/@ao/nsecs.m | 10 +-----
m-toolbox/classes/@ao/t0.m | 10 +-----
3 files changed, 3 insertions(+), 27 deletions(-)

[2013-05-02 19:33:25 +0200][d93e52c] Martin Hewitson
Check that these fields are filled before trying to access them.

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

[2013-05-02 19:05:41 +0200][b5c2fec] ferraioli
some improvements on those tests

m-toolbox/test/test_ao_fftfilt.m | 19 ++++++
m-toolbox/test/test_ao_sDomainFit_1.m | 11 ++++++
m-toolbox/test/test_ao_zDomainFit_1.m | 7 ++++++
m-toolbox/test/test_matrix_filter.m | 8 ++++++
4 files changed, 37 insertions(+), 8 deletions(-)

[2013-05-02 17:30:18 +0200][0c828ed] Martin Hewitson
Declare these static methods not hidden.

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

[2013-05-02 17:29:45 +0200][cea7b99] Martin Hewitson
Bug fix: in the case of the PSD call, we get only one object so we should add only one to the history.

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

[2013-05-02 14:08:20 +0200][079b190] Mauro Hueller
Added support for a parameter 'times' or 'split'. The usage and supported cases are the same as ao.psd

m-toolbox/classes/@ao/heterodyne.m | 28 ++++++
1 file changed, 28 insertions(+)

[2013-05-02 13:59:09 +0200][588e0d2] Martin Hewitson

Trying to handle the initial conditions. I think these are only used for smodel() case. Again, another argument for splitting this code into the model classes!

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

[2013-05-02 13:58:18 +0200][6dedea9] Martin Hewitson

use factory unit and access the data object's unit directly.

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

[2013-05-02 13:58:00 +0200][c440c2f] Martin Hewitson

static and persistent factory constructors for these common units. We make these units many times in many places. Let's just cache a single version. I think it is ok if objects end up sharing the same object - as soon as the object is combined with other unit objects, copies are made anyway.

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

[2013-05-02 13:56:36 +0200][f0d9489] Martin Hewitson

Bug fix: for the callerIsMethod case, collect the objects in an array.

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

[2013-05-02 13:56:16 +0200][5fe1362] Martin Hewitson

Trying to add the callerIsMethod support to this method. In principle, the inheritance structure is a little wrong here. We should make smodel/fftfilt, pzmodel/fftfilt, etc and call them with the data from here. Then it would be easy just to do

m-toolbox/classes/@ao/fftfilt.m | 26 ++++++
1 file changed, 25 insertions(+), 1 deletion(-)

[2013-05-02 13:52:17 +0200][85d93e1] Martin Hewitson

Add some more callerIsMethod support.

m-toolbox/classes/@ao/ao.m | 12 ++++++
1 file changed, 9 insertions(+), 3 deletions(-)

[2013-05-02 13:50:05 +0200][da293eb] Martin Hewitson

Adding support for the callerIsMethod flag. The code in this method is complex, so I hope I've got the cases correct. To be checked by others!

m-toolbox/classes/@ltpda_tf/resp.m | 27 ++++++
1 file changed, 24 insertions(+), 3 deletions(-)

[2013-05-02 13:49:05 +0200][449f751] Martin Hewitson

This test exception is not needed.

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

[2013-05-02 13:48:15 +0200][10fd546] Martin Hewitson

Support callerIsMethod flag when constructing from poles/zeros.

m-toolbox/classes/@pzmodel/fromPolesAndZeros.m | 12 ++++++-----
m-toolbox/classes/@pzmodel/pzmodel.m | 18 ++++++-----
2 files changed, 20 insertions(+), 10 deletions(-)

[2013-05-02 13:47:44 +0200][77c28b2] Martin Hewitson

cache the regular expression used, at least between calls of 'clear all'.

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

[2013-05-02 13:47:10 +0200][f41ea07] Martin Hewitson

It seems we only ever use the single output of this function, so I'll remove the other options since nargout costs time.

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 21 +++++-----
1 file changed, 5 insertions(+), 16 deletions(-)

[2013-05-02 13:00:37 +0200][6a6eb98] Martin Hewitson

Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-02 13:00:15 +0200][2867d95] Martin Hewitson

To be discussed: make the user's current level set in the prefs persistent. This means they need a clear all after changing in LTPDAPrefs. But looking it up each time is expensive, and we do it a LOT. Seems a high price to pay for a feature that will be changed very rarely.

m-toolbox/classes/+utils/@helper/msg.m | 7 ++++++-
1 file changed, 6 insertions(+), 1 deletion(-)

[2013-05-02 12:59:13 +0200][c08c2e0] Mauro Hueller

Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-05-02 12:58:50 +0200][4096e0d] Mauro Hueller

1) Changed the default 'order' value to be 'first' 2) Added support for the 'order' parameter also for the methods 'DIFF', '2POINT', '3POINT', '5POINT' 3) Code cleanup

m-toolbox/classes/@ao/diff.m | 174 ++++++-----
1 file changed, 103 insertions(+), 71 deletions(-)

[2013-05-02 12:02:35 +0200][ef506e7] Martin Hewitson

Assume that the input plist has already been copied (which is has if it has gone through applyDefaults), then just access and change the input plist directly.

.../+utils/@helper/process_spectral_options.m | 24 ++++++-----

1 file changed, 11 insertions(+), 13 deletions(-)

[2013-05-02 12:00:10 +0200][d46a515] Martin Hewitson

Skip as much as we can if the callerIsMethod flag is on. Makes only a minor improvement.

m-toolbox/classes/@ao/xspec.m | 17 ++++++-----

1 file changed, 14 insertions(+), 3 deletions(-)

[2013-05-02 11:59:37 +0200][4c9b6bd] Martin Hewitson

Put the callerIsMethod flag to good use and skip what we can, defining that the interface checks only if the last input is a plist.

m-toolbox/classes/@ao/psd.m | 27 ++++++-----

1 file changed, 22 insertions(+), 5 deletions(-)

[2013-05-02 11:16:49 +0200][d674b38] Martin Hewitson

Significant simplification: now use the xspec method in PSD mode.

m-toolbox/classes/@ao/psd.m | 75 +++++-----

1 file changed, 7 insertions(+), 68 deletions(-)

[2013-05-02 11:16:18 +0200][62bbfc5] Martin Hewitson

Handle the changes to the xspec interface, and define callerIsMethod flag.

m-toolbox/classes/@ao/cohere.m | 6 +++++-

m-toolbox/classes/@ao/cpsd.m | 4 +++-

m-toolbox/classes/@ao/tfe.m | 4 +++-

3 files changed, 10 insertions(+), 4 deletions(-)

[2013-05-02 11:15:09 +0200][c5a0284] Martin Hewitson

Change xspec to accept three new input flags: 1) specifying whether this is a PSD call 2) specifying whether it is a modifier call (for the PSD case) 3) specifying whether the calling method was called from within another method

m-toolbox/classes/@ao/xspec.m | 39 ++++++-----

1 file changed, 37 insertions(+), 2 deletions(-)

[2013-04-30 17:55:07 +0200][0355492] Ingo Diepholz

already not finished.

m-toolbox/classes/+utils/@modules/releaseModule.m | 33 ++++++-----

1 file changed, 32 insertions(+), 1 deletion(-)

[2013-04-30 16:18:08 +0200][f7c5614] Ingo Diepholz

Just moving the functions installExtensionsForDir uninstallExtensionsForDir installExtensions
uninstallExtensions to a new (for me correct) folder

m-toolbox/classes/+utils/@helper/helper.m | 4 -

.../classes/+utils/@helper/installExtensions.m | 16 --

.../+utils/@helper/installExtensionsForDir.m | 236 -----

.../classes/+utils/@helper/uninstallExtensions.m | 10 -

.../+utils/@helper/uninstallExtensionsForDir.m | 64 -----

.../classes/+utils/@modules/installExtensions.m | 16 ++

```
.../+utils/@modules/installExtensionsForDir.m | 236 ++++++
m-toolbox/classes/+utils/@modules/modules.m | 4 +
.../classes/+utils/@modules/uninstallExtensions.m | 10 +
.../+utils/@modules/uninstallExtensionsForDir.m | 64 +++++
.../classes/@LTPDAprefs/cb_addExtensionPath.m | 2 +-
.../classes/@LTPDAprefs/cb_removeExtensionPath.m | 2 +-
m-toolbox/m/etc/ltppda_startup.m | 2 +-
13 files changed, 333 insertions(+), 333 deletions(-)
```

[2013-04-30 11:48:46 +0200][8a0c611] Martin Hewitson
Bug fix (?): if this is called from a method where callerIsMethod, then the history field can be empty.

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

[2013-04-30 09:15:15 +0200][4a45b4e] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-04-30 09:15:09 +0200][296412e] Martin Hewitson
New utility to create module releases. Just the help text for now.

```
m-toolbox/classes/+utils/@modules/modules.m | 1 +
m-toolbox/classes/+utils/@modules/releaseModule.m | 33 ++++++
2 files changed, 34 insertions(+)
```

[2013-04-29 18:43:10 +0200][171b400] ferraioli
bug fixed. The instruction commented and substituted was not working.

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

[2013-04-29 18:39:02 +0200][a3b67a3] Mauro Hueller
Cosmetics

```
m-toolbox/classes/@cdata/display.m | 10 +++++-
m-toolbox/classes/@fsdata/display.m | 22 ++++++-----
m-toolbox/classes/@tsdata/display.m | 6 +++++-
m-toolbox/classes/@xydata/display.m | 14 ++++++-----
m-toolbox/classes/@xyzdata/display.m | 6 +++++-
5 files changed, 29 insertions(+), 29 deletions(-)
```

[2013-04-28 08:09:27 +0200][e93daa3] Mauro Hueller
Moved the code in the core utility so it will be always called. At the moment this was only working when running
ltppda_startup

```
.../classes/+utils/@helper/installExtensions.m | 100 -----
.../+utils/@helper/installExtensionsForDir.m | 101 ++++++
2 files changed, 101 insertions(+), 100 deletions(-)
```

[2013-04-28 08:00:47 +0200][a7cb5a5] Mauro Hueller
Make sure we remove the associated .hash file when removing a module.

```
m-toolbox/classes/+utils/@helper/uninstallExtensionsForDir.m | 11 ++++++
```

1 file changed, 11 insertions(+)

[2013-04-28 08:00:11 +0200][7115a6d] Mauro Hueller

Changing the philosophy: we assume that for released modules the .hash file is attached to the module itself, so we try to: 1) check it is in the released module folder and try to copy it 2) if the .hash file is not present, we try to produce it from VCS

.../classes/+utils/@helper/installExtensions.m | 78 ++++++-----

1 file changed, 39 insertions(+), 39 deletions(-)

[2013-04-27 23:04:11 +0200][6162bfa] Mauro Hueller

Now the submit and bsubmit methods return only a single output: a plist. Updating the UTPs accordingly.

.../tests/database/@ltpda_objmeta_table/ltpda_objmeta_table.m | 7 ++++++-

1 file changed, 6 insertions(+), 1 deletion(-)

[2013-04-27 22:49:43 +0200][6b44059] Mauro Hueller

Explicitly load the parameters from the ao.ltf and ao.consolidate methods

m-toolbox/classes/@ao/filtSubtract.m | 33 ++++++-----

1 file changed, 22 insertions(+), 11 deletions(-)

[2013-04-27 22:13:04 +0200][7c2249c] Mauro Hueller

Added one more layer. Could be useful.

m-toolbox/classes/+utils/+const/@msg/msg.m | 1 +

1 file changed, 1 insertion(+)

[2013-04-26 22:09:41 +0200][10e1124] Mauro Hueller

Now the submit and bsubmit methods return only a single output: a plist. Updating the UTPs accordingly.

m-toolbox/classes/tests/database/@ltpda_database/ltpda_database.m | 7 ++++++-

1 file changed, 6 insertions(+), 1 deletion(-)

[2013-04-25 17:26:12 +0200][311ce1e] Martin Hewitson

Added a 'mode' parameter with the default set to the old 'samples' method. The other mode is 'fftfilter' which does fft filtering to delay or advance by an arbitrary number of seconds.

m-toolbox/classes/@ao/delay.m | 41 ++++++-----

1 file changed, 33 insertions(+), 8 deletions(-)

[2013-04-25 17:25:25 +0200][7c48802] Martin Hewitson

handle the case where the parameter value in the history plist is a cell-array containing objects.

m-toolbox/classes/@history/hist2dot.m | 21 ++++++-----

1 file changed, 21 insertions(+)

[2013-04-25 17:25:05 +0200][853fcee] Martin Hewitson

Removed old dead code

m-toolbox/classes/@history/hist2dot.m | 55 -----

1 file changed, 55 deletions(-)

[2013-04-25 07:26:21 +0200][e351ea9] Martin Hewitson
Maybe we do need to track this. Maybe this is why the test rig collapsed. Put it back for now until I figure out what's going on.

.../html_help/help/funcbycat/helpfuncbycat.xml | 1363 ++++++
1 file changed, 1363 insertions(+)

[2013-04-24 18:12:32 +0200][877efaa] Nikos
Merge branch 'master' into mcmc_Code_Review

[2013-04-24 14:34:58 +0200][1d53bff] Mauro Hueller
Now the submit and bsubmit methods return only a single output: a plist. This is a more flexible container, allowing to store more information. Currently: 'IDs', 'CID', 'UUIDs'. This impacts on: all scripts where we submit results; automatic AO converters.

m-toolbox/classes/@ltpda_uo/bsubmit.m | 26 ++++++-----
m-toolbox/classes/@ltpda_uo/submit.m | 31 ++++++-----
2 files changed, 16 insertions(+), 41 deletions(-)

[2013-04-24 14:23:46 +0200][38035ac] Mauro Hueller
Added a more sensible error message when the input CID is empty

m-toolbox/classes/@ltpda_uo/retrieve.m | 3 +++
1 file changed, 3 insertions(+)

[2013-04-22 17:37:21 +0200][cde8366] Nikos
Typo again

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

[2013-04-22 15:00:35 +0200][b12a125] Nikos
Bug fix. Newest version was not committed

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

[2013-04-22 12:57:51 +0200][1f91de2] Nikos
Small typo corrections

m-toolbox/classes/@pest/mcmcPlot.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-04-22 09:19:06 +0200][173a7a5] Martin Hewitson
Don't ignore this path, rather don't track it.

.gitignore | 1 -
1 file changed, 1 deletion(-)

[2013-04-22 09:18:40 +0200][13140d8] Martin Hewitson

Starting on beta versions (99,999,9999 etc) for 2.6 release.

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

[2013-04-22 09:18:13 +0200][f07538b] Martin Hewitson
Don't think we need to track this file.

.../html_help/help/funcbycat/helpfuncbycat.xml | 1363 -----
1 file changed, 1363 deletions(-)

[2013-04-19 12:48:08 +0200][d290264] Martin Hewitson
Add a convenient little dump method.

m-toolbox/classes/@pest/pest.m | 22 ++++++
1 file changed, 22 insertions(+)

[2013-04-12 12:38:22 +0200][9d98d32] Nikos
Bug fix: Check if covariance isnumeric

performDataChecks.m | 4 ++++
1 file changed, 4 insertions(+)

[2013-04-10 13:54:53 +0200][e2624a5] Martin Hewitson
Move these messages to a higher verbosity level - sick of seeing them.

m-toolbox/classes/@ltpda_uo/fromModel.m | 2 +-
m-toolbox/classes/@ltpda_uo/getBuiltInModels.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-04-05 18:06:20 +0200][5112b34] heather
bug fix

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

[2013-04-05 12:13:07 +0200][be7b28e] Martin Hewitson
Improve positioning of the provenance text box to allow easier screen grabbing.

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

[2013-04-04 16:58:51 +0200][e53493a] andreaswittchen
The individual lines in matrix objects have no history. That leads to a malfunction of iplot. Now the history of the matrix object is added when the lines are extracted. matrixobj.getObjectAtIndex()

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

[2013-02-22 13:40:38 -0500][5520ad5] Martin Hewitson
Make the assumption that first line is the data, and the second is the errors. Apply formats accordingly.

m-toolbox/classes/@plotinfo/plotinfo.m | 23 ++++++-----
1 file changed, 14 insertions(+), 9 deletions(-)

[2013-04-04 09:17:35 +0200][2d88153] Martin Hewitson
Add alternative key 'order'.

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

[2013-04-04 09:17:24 +0200][796dec0] Martin Hewitson
Simplify units when setting.

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

[2013-04-03 15:14:29 +0200][e668241] Nikos
Test for the covariance matrix calculation

tests/test_calculateCovariance.m | 113 ++++++
1 file changed, 113 insertions(+)

[2013-04-03 15:13:05 +0200][8ad61c0] Nikos
Update of tests

performDataChecks.m | 8 ++++---
tests/test_convergence.m | 4 +++-
tests/test_getInfo.m | 2 +-
tests/test_input_types.m | 2 ++
4 files changed, 10 insertions(+), 6 deletions(-)

[2013-04-03 14:59:10 +0200][64915f0] Mauro Hueller
Adding support for the time intervals to be input as timespan vector

m-toolbox/classes/@ao/timeaverage.m | 24 ++++++-----
1 file changed, 17 insertions(+), 7 deletions(-)

[2013-04-03 14:44:34 +0200][9ad09c2] Nikos
Added another test

MCMC.m | 8 ++-----
calculateCovariance.m | 2 +-
tests/test_convergence.m | 2 +-
tests/test_input_types.m | 4 +++-
tests/test_simplex.m | 43 ++++++
5 files changed, 49 insertions(+), 10 deletions(-)

[2013-04-03 14:38:10 +0200][40f9c9e] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpra/ltpra_src

[2013-04-03 14:38:03 +0200][e61812f] Mauro Hueller
Changing the behavior: the result is equivalent to applying the double operator to the start end end times of the object. This functionality was missing, while the 'old' one was available via timespan.nsecs

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

[2013-04-03 14:37:44 +0200][4f20776] Nikos
Removing dead function

ao2NumericalMatrices.m | 159 -----
1 file changed, 159 deletions(-)

[2013-04-03 14:36:06 +0200][4cfb5ac] Mauro Hueller
This makes no sense since the outputs are numbers

m-toolbox/classes/@timespan/double.m | 2 --
1 file changed, 2 deletions(-)

[2013-04-03 14:35:33 +0200][1055078] Mauro Hueller
Use utils.helper.setoutputs to set the outputs

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

[2013-01-25 14:43:06 +0100][6a4ba98] andreaswittchen
included figure handle, axis handle and line handle

m-toolbox/classes/@matrix/iplot.m | 27 ++++++
1 file changed, 25 insertions(+), 2 deletions(-)

[2013-04-03 13:15:32 +0200][b640c5c] Nikos
Cosmetics

MCMC.m | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)

[2013-04-03 13:12:32 +0200][3b883b2] Nikos
Some code cleaning

MCMC.m | 76 +++-----
setInputs.m | 37 ++++++
setModel.m | 14 ++++++
setNoise.m | 37 ++++++
4 files changed, 91 insertions(+), 73 deletions(-)

[2013-04-03 13:02:43 +0200][84109b6] Nikos
Backwards compatibility for the crb function

m-toolbox/classes/@ao/crb.m | 130 ++++++-----
1 file changed, 36 insertions(+), 94 deletions(-)

[2013-04-03 13:01:56 +0200][2154119] Nikos
Moving functions to public to use them in other parts of ltpda

MCMC.m | 10 +++++-----
tests/test_convergence.m | 8 +++++++-
tests/test_default_plist.m | 2 +-
tests/test_input_types.m | 2 +-
4 files changed, 14 insertions(+), 8 deletions(-)

[2013-04-02 17:43:12 +0200][1aa1367] Nikos
Moved a function from private to public. Able to use it in the ao.crb function

MCMC.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-04-02 17:42:28 +0200][98e298c] Nikos
Backwards compatibility. Able to use mcmc(out, pl) as before

m-toolbox/classes/@ao/mcmc.m | 213 ++-----
1 file changed, 9 insertions(+), 204 deletions(-)

[2013-04-02 17:27:34 +0200][7967a9f] Nikos
Added one more check

performDataChecks.m | 9 +++++++
1 file changed, 9 insertions(+)

[2013-04-02 16:30:26 +0200][d894000] Nikos
Some tests for the MCMC class

tests/test_convergence.m | 58 +++++
tests/test_default_plist.m | 57 +++++
tests/test_getInfo.m | 31 +++++
tests/test_input_types.m | 51 +++++
4 files changed, 197 insertions(+)

[2013-04-02 16:30:01 +0200][fc8ca37] Nikos
Data used for the tests

tests/harmonic_osc.mat | Bin 0 -> 4529 bytes
tests/in.mat | Bin 0 -> 13138 bytes
tests/noise.mat | Bin 0 -> 129911 bytes
tests/out.mat | Bin 0 -> 125247 bytes
4 files changed, 0 insertions(+), 0 deletions(-)

[2013-04-02 16:29:36 +0200][ec0bfad] Nikos
Cosmetics

getDefaultPlist.m | 1 -
processChain.m | 10 +++++-----
2 files changed, 7 insertions(+), 4 deletions(-)

[2013-04-02 16:01:18 +0200][0ceef5a] Nikos
Added a check

mhsample.m | 4 ++++

1 file changed, 4 insertions(+)

[2013-04-02 15:37:39 +0200][cc8c540] Nikos
Removing dead function, updating to recent changes

MCMC.m | 1 +
buildplist.m | 95 -----
defaultPlist.m | 78 -----
getDefaultPlist.m | 77 ++++++
4 files changed, 78 insertions(+), 173 deletions(-)

[2013-04-02 15:35:48 +0200][ab51413] Nikos
Small bug fix to the algorithm class: allow the getInfo function to work properly

ltpda_algorithm.m | 8 ++++---
1 file changed, 4 insertions(+), 4 deletions(-)

[2013-04-02 11:57:15 +0200][2e43e24] Nikos
Saving the log-likelihood of each experiment in the procinfo property

m-toolbox/classes/@matrix/loglikelihood.m | 4 +++-
m-toolbox/classes/@matrix/loglikelihood_core.m | 10 ++++++---
m-toolbox/classes/@ssm/loglikelihood.m | 4 +++-
3 files changed, 13 insertions(+), 5 deletions(-)

[2013-03-25 16:26:45 +0100][ae3dc4c] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-03-25 16:26:28 +0100][e47303e] Ingo Diepholz
I have changed the sub function writeCmd. In this sub function we distinguish between two cases. One case with no PLIST and a case with a PLIST. The command without a PLIST looks like - a123 = fcn(a234); and the case with a PLIST looks like: - a123 = fcn(a234, plist('a', ...));

m-toolbox/classes/@history/hist2m.m | 11 ++++++-----
1 file changed, 5 insertions(+), 6 deletions(-)

[2013-03-22 14:43:16 +0100][b47de5d] ferraioli
A new method that allows to calculate the critical values for the kstest on the psd. such critical values can be used in kstest to run the test on psd data

m-toolbox/classes/@ao/getKSCValPSD.m | 554 ++++++
1 file changed, 554 insertions(+)

[2013-03-22 14:42:13 +0100][483f394] ferraioli
removed the call to pVale that was causing an unwanted warning

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

[2013-03-22 14:41:40 +0100][f43d75f] ferraioli
Revised and improved, now accepts external critical values

m-toolbox/classes/@ao/cdfplot.m | 15 ++++++-----
1 file changed, 13 insertions(+), 2 deletions(-)

[2013-03-22 14:41:29 +0100][48a23ea] ferraioli
Revised and improved, now accepts external critical values

m-toolbox/classes/+utils/@math/cdfplot.m | 20 ++++++-----
1 file changed, 17 insertions(+), 3 deletions(-)

[2013-03-22 13:47:24 +0100][ee68d5e] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-03-22 13:47:12 +0100][15e10e9] Ingo Diepholz
Remove commented out code which was added already at a different position.

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

[2013-03-22 13:02:31 +0100][411a255] Nikos
Some debugging and adding a default scaling to the covariance matrix

MCMC.m | 3 +-
calculateCovariance.m | 3 +-
mhsample.m | 35 ++++++-----
3 files changed, 25 insertions(+), 16 deletions(-)

[2013-03-22 12:40:01 +0100][5ff2802] Mauro Hueller
Revert back to use nargchk, because narginchk is available only since R2011b.

m-toolbox/classes/@time/format.m | 2 +-
m-toolbox/classes/@time/strftime.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-03-22 09:23:11 +0100][ad8bcef] Martin Hewitson
Better to allow this to be overridden in the config settings.

.../html_help/help/createDocumentation/createDocumentation.m | 8 ++++++--
m-toolbox/makeToolbox.m | 7 ++++++--
2 files changed, 12 insertions(+), 3 deletions(-)

[2013-03-21 16:15:33 +0100][f96ea0f] Ingo Diepholz
Normally builds an user the documentation only for a release. In this case it is not useful to build the documentation also for the extension packages because we don't deliver the extension packages with LTPDA. That is the reason why this method throws an error if a extension package is installed. See MANTIS 603. In one of the releases was a documentation of a function which was inside a extension package. If a user what to create a documentatoin which includes extension package then must he comment out this part.

.../html_help/help/createDocumentation/createDocumentation.m | 8 ++++++--
1 file changed, 8 insertions(+)

[2013-03-21 11:55:33 +0100][e6f2d97] Ingo Diepholz
bug fix: The history had the wrong methodInvars

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

[2013-03-21 11:54:20 +0100][df6e312] Ingo Diepholz
MANTIS Change Request 600: ao/interp takes a 'vertices' parameter to define the base of the interpolation. It should be possible to pass an AO here and interp should take the x values from that AO.

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

[2013-03-20 13:05:57 +0100][b46fb3f] Ingo Diepholz
applyDefaults is too restrictive --> using combine.

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

[2013-03-19 19:05:24 +0100][249e46c] Ingo Diepholz
1. Add a new constructor which reads multiple files from a cell array. 2. The PLIST constructor 'filename' supports also the alternative key 'filenames' (plural)

m-toolbox/classes/@ao/ao.m | 9 +++++---
m-toolbox/classes/@collection/collection.m | 13 ++++++-----
m-toolbox/classes/@filterbank/filterbank.m | 9 +++++---
m-toolbox/classes/@matrix/matrix.m | 9 +++++---
m-toolbox/classes/@mfir/mfir.m | 9 +++++---
m-toolbox/classes/@miir/miir.m | 9 +++++---
m-toolbox/classes/@parfrac/parfrac.m | 9 +++++---
m-toolbox/classes/@pest/pest.m | 9 +++++---
m-toolbox/classes/@pzmodel/pzmodel.m | 10 +++++-----
m-toolbox/classes/@rational/rational.m | 9 +++++---
m-toolbox/classes/@smodel/smodel.m | 14 ++++++-----
m-toolbox/classes/@timespan/timespan.m | 11 ++++++-----
12 files changed, 68 insertions(+), 52 deletions(-)

[2013-03-19 19:01:35 +0100][58069cb] Ingo Diepholz
Add the feature to read multiple files by using a cell array and supporting a star '*' as a wild card.

m-toolbox/classes/@ltpda_uo/fromFile.m | 74 ++++++-----
1 file changed, 70 insertions(+), 4 deletions(-)

[2013-03-18 19:12:16 +0100][c37dfbf] Ingo Diepholz
Add more tests

m-toolbox/test/test_isequal.m | 16 ++++++-----
1 file changed, 15 insertions(+), 1 deletion(-)

[2013-03-18 18:55:55 +0100][a7860b5] Ingo Diepholz
Some more tests for parameter objects.

m-toolbox/test/test_isequal.m | 81 ++++++-----
1 file changed, 80 insertions(+), 1 deletion(-)

[2013-03-18 18:01:17 +0100][81c30dc] Ingo Diepholz
new tests

m-toolbox/test/test_isequal.m | 34 ++++++-----
1 file changed, 26 insertions(+), 8 deletions(-)

[2013-03-16 13:10:24 +0100][ec63927] Nikos
Added the option to use LPSP for the noise spectrum

defaultPlist.m | 22 ++++++-----
preprocess.m | 20 ++++++-----
2 files changed, 32 insertions(+), 10 deletions(-)

[2013-03-14 16:27:11 +0100][dc7eb42] Ingo Diepholz
Add more tests

m-toolbox/test/test_isequal.m | 43 ++++++-----
1 file changed, 35 insertions(+), 8 deletions(-)

[2013-03-14 15:31:18 +0100][0b920e5] Ingo Diepholz
Add more tests

m-toolbox/test/test_isequal.m | 68 ++++++-----
1 file changed, 60 insertions(+), 8 deletions(-)

[2013-03-14 15:31:08 +0100][51d09be] Ingo Diepholz
bug fix: I have found another bug in isequal. It really make sense to check each part of ltpda_obj/isequal

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

[2013-03-14 07:49:24 +0100][c004b95] Martin Hewitson
Handle the new plot annotation layer.

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

[2013-03-14 07:35:02 +0100][22209b5] Martin Hewitson
Ignore the new annotation axes - we don't want to scale those.

m-toolbox/classes/+utils/@plottools/allxaxis.m | 2 +-
m-toolbox/classes/+utils/@plottools/allyaxis.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-03-14 07:26:12 +0100][9daf9f8] Martin Hewitson
Pass requirements for the objects being plotted.

m-toolbox/classes/@ao/iplot.m | 3 +-
m-toolbox/classes/@ao/iplotyy.m | 3 +-
m-toolbox/classes/@ao/plot.m | 3 +-
3 files changed, 6 insertions(+), 3 deletions(-)

[2013-03-14 07:25:56 +0100][efbe5a5] Martin Hewitson

Now handles additional strings passed to place on the annotation. In addition, tries to be smart and handle the case where we do repeated plotting so that an annotation layer already exists.

.../classes/+utils/@plottools/addPlotProvenance.m | 30 ++++++
1 file changed, 26 insertions(+), 4 deletions(-)

[2013-03-14 07:25:06 +0100][8b0cfa7] Martin Hewitson

Add a plist option to return requirements with short hashes appended.

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

[2013-03-14 06:42:33 +0100][0f6e164] Martin Hewitson

Add annotation labels to plots

m-toolbox/classes/@ao/iplot.m | 5 +++++
m-toolbox/classes/@ao/iplotyy.m | 8 ++++++
m-toolbox/classes/@ao/plot.m | 3 +++
3 files changed, 16 insertions(+)

[2013-03-14 06:42:19 +0100][cd6b767] Martin Hewitson

A new utility to add a plot provenance label to a figure.

.../classes/+utils/@plottools/addPlotProvenance.m | 70 ++++++
m-toolbox/classes/+utils/@plottools/plottools.m | 2 +
2 files changed, 72 insertions(+)

[2013-03-13 17:21:31 +0100][b438f10] Ingo Diepholz

Add the test method test_isequal to the installed tests.

m-toolbox/test/test_list.m | 1 +
1 file changed, 1 insertion(+)

[2013-03-13 17:20:31 +0100][be2b847] Ingo Diepholz

First version of the tests for the isequal method. Still things to do.

m-toolbox/test/test_isequal.m | 317 ++++++
1 file changed, 317 insertions(+)

[2013-03-13 15:57:29 +0100][38d25be] Ingo Diepholz

Merge remote-tracking branch 'origin/master'

[2013-03-13 15:57:19 +0100][1568461] Ingo Diepholz

bug fix: I'm just writing a new test for the isequal method and for that reason I found this bug :) For sym objects it is necessary to use 'isequal' instead of the 'eq' method

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

[2013-03-13 08:08:12 +0100][dadd187] Martin Hewitson

Now handles the plotinfo of the input objects. As such, we drop back to default black axes on both sides since the axis colors don't necessarily need to match the object colors.

m-toolbox/classes/@ao/plotyy.m | 22 ++++++-----
1 file changed, 17 insertions(+), 5 deletions(-)

[2013-03-12 16:21:20 +0100][c349576] Nikos
Some re-structuring and cleaning

mhsample.m | 39 ++++++-----
1 file changed, 22 insertions(+), 17 deletions(-)

[2013-03-12 15:26:23 +0100][5476909] Nikos
Minor typo fix

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

[2013-03-12 15:16:46 +0100][ab237cd] Nikos
Added a check for the covariance matrix

mhsample.m | 10 ++++++--
1 file changed, 9 insertions(+), 1 deletion(-)

[2013-03-12 15:16:22 +0100][0241eae] Nikos
Correctly handle matrix models inside the algorithm

MCMC.m | 7 +-----
preprocessModel.m | 6 +-----
2 files changed, 5 insertions(+), 8 deletions(-)

[2013-03-12 15:15:38 +0100][3a4bc8c] Nikos
Making the fisher function work with matrix objects

m-toolbox/classes/@matrix/fisher.m | 51 ++++++-----
1 file changed, 32 insertions(+), 19 deletions(-)

[2013-03-12 15:13:31 +0100][cda3446] Nikos
Cosmetics

performDataChecks.m | 7 ++++++--
1 file changed, 6 insertions(+), 1 deletion(-)

[2013-03-12 15:13:13 +0100][4e4e48b] Nikos
Making the calculateCovariance to work with matrix models

calculateCovariance.m | 26 ++++++-----
1 file changed, 14 insertions(+), 12 deletions(-)

[2013-03-12 15:09:45 +0100][81c569c] Ingo Diepholz
bug fix: It is only possible to copy the plotinfo object if we have already an object. If it is empty then don't do anything.

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

[2013-03-12 15:09:35 +0100][bf43fdc] Ingo Diepholz
bug fix: It is only possible to copy the plotinfo object if we have already an object. If it is empty then don't do anything.

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

[2013-03-12 14:11:29 +0100][6c4af09] Ingo Diepholz
This method is not longer necessary because the plotinfo class inherits the eq method from the ltpda_obj class and the ltpda_obj/eq calls the plotinfo/isequal

m-toolbox/classes/@plotinfo/eq.m | 93 -----
1 file changed, 93 deletions(-)

[2013-03-12 14:09:31 +0100][f9f794a] Ingo Diepholz
We have decided that the isequal method checks the fields of an object and NOT the eq method. So I have moved the code from plotinfo/eq to this isequal method.

m-toolbox/classes/@plotinfo/isequal.m | 69 ++++++
1 file changed, 68 insertions(+), 1 deletion(-)

[2013-03-12 13:41:37 +0100][72ec8e5] Ingo Diepholz
This method is not longer necessary because this method is equal to unit/isequal and the inherited ltpda_obj/eq call this unit/isequal.

m-toolbox/classes/@unit/eq.m | 89 -----
1 file changed, 89 deletions(-)

[2013-03-12 13:38:32 +0100][000f86e] Ingo Diepholz
This method is not longer necessary because the inherited method ltpda_obj/eq is the same.

m-toolbox/classes/@plist/eq.m | 32 -----
1 file changed, 32 deletions(-)

[2013-03-12 13:25:35 +0100][b84aaf7] Ingo Diepholz
bug fix: Speeding up the code was slightly too fast ;) It happens (very often) that the input values are empty and even for that case it is necessary to set the timezone and time format.

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

[2013-03-12 11:41:57 +0100][23098bd] Ingo Diepholz
bug fix: It is necessary to use the defaultKey because it can happen that a parameter key have an alternative key name (then is it a cell array).

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

[2013-03-12 11:38:11 +0100][668ada8] Ingo Diepholz
bug fix: It is only possible to copy the plotinfo object if we have already an object. If it is empty then don't do anything.

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

[2013-03-12 08:07:01 +0100][d420963] Martin Hewitson
We shouldn't use the nparams method in a loop index - it's expensive.

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

[2013-03-12 08:01:30 +0100][8e08bc7] Martin Hewitson
Improved logic to speed things up slightly. Also, use the new narginchk. narginchk is deprecated.

m-toolbox/classes/@time/strftime.m | 14 +++-----
1 file changed, 3 insertions(+), 11 deletions(-)

[2013-03-12 08:01:06 +0100][b430e23] Martin Hewitson
Use the new narginchk. nargin is deprecated.

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

[2013-03-12 08:00:46 +0100][8aceb46] Martin Hewitson
we don't need to truncate the key - this is almost always short and this is expensive to check.

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

[2013-03-12 08:00:17 +0100][d711858] Martin Hewitson
Some additional output.

m-toolbox/classes/@history/hist2m.m | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-03-12 08:00:06 +0100][a70ba82] Martin Hewitson
Cosmetics: fix the loop index and add some additional output.

m-toolbox/classes/@history/hist2m.m | 21 ++++++-----
1 file changed, 12 insertions(+), 9 deletions(-)

[2013-03-12 07:59:27 +0100][90eab30] Martin Hewitson
compare the strings first to speed this up.

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

[2013-03-12 07:59:12 +0100][c0c989f] Martin Hewitson
Output some dots so the user can see something is happening when parsing large history trees.

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

[2013-03-11 21:08:07 +0100][0f10175] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpdata/ltpdata_src

[2013-03-11 17:36:58 +0100][3c6a1f2] Martin Hewitson
Make sure we copy the plotinfo objects when setting them to the output objects.

m-toolbox/classes/@ao/lxspec.m | 4 ++--
m-toolbox/classes/@ao/xspec.m | 4 ++--
m-toolbox/classes/@ltpdata_tf/resp.m | 2 +-
3 files changed, 5 insertions(+), 5 deletions(-)

[2013-03-08 14:00:07 +0100][7299caf] Ingo Diepholz
new method which creates from the input AOs a single AO with a xyz data object.

m-toolbox/classes/@ao/scatter3D.m | 115 +++++
1 file changed, 115 insertions(+)

[2013-03-08 13:56:53 +0100][b1521f7] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-03-08 13:56:32 +0100][71457a8] Ingo Diepholz
Kind of bug fix: Some split types uses the method ltpda_run_method for calling the ao/split method again. But this causes that the second call of ao/split doesn't have the input variables. Thus it is necessary to set the name of the output AOs again.

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

[2013-03-08 12:55:56 +0100][363a1e3] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpdata/ltpdata_src

[2013-03-08 12:04:49 +0100][7e5001c] Ingo Diepholz
bug fix again: It is necessary to look to the x-values because in the xyz - data objects are the number of the x- and y- values different. --> use the getter method to get the x-values because it can happen that in tsdata are no x-values.

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

[2013-03-08 06:16:34 +0100][968346c] Mauro Hueller
Fixed help

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

[2013-03-07 16:42:59 +0100][e1fbf96] Ingo Diepholz
1) new PLIST constructor which builds an AO with a xyz data object. 2) Add a new PLIST set 'from xyz values' to the SETS 3) Add a default PLIST fro the set 'from xyz values'

m-toolbox/classes/@ao/ao.m | 51 ++++++
1 file changed, 51 insertions(+)

[2013-03-07 16:41:04 +0100][e6bc02c] Ingo Diepholz
New constructor function which builds an AO with xyz - data object.

m-toolbox/classes/@ao/fromXYZVals.m | 65 ++++++
1 file changed, 65 insertions(+)

[2013-03-07 16:28:44 +0100][6a149f3] Ingo Diepholz
bug fix: if we check the values for 'dx' we should look to 'x' and not to the 'y' values. It was might be a copy-past error.

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

[2013-03-07 15:43:19 +0100][2a0157e] Ingo Diepholz
New method which returns a timespan object which span the absolute time range of an AO.

m-toolbox/classes/@ao/getAbsTimeRange.m | 95 ++++++
1 file changed, 95 insertions(+)

[2013-03-06 17:26:32 +0100][1e8f4c7] Ingo Diepholz
Add two new split methods by time length - Split an AO into segments of length N seconds. by lenght - Split an AO into segments of length N samples.

m-toolbox/classes/@ao/split.m | 169 ++++++-----
1 file changed, 114 insertions(+), 55 deletions(-)

[2013-03-06 17:08:26 +0100][0cee8c8] Ingo Diepholz
Add some additional information to the error of the "Unknown constructor with three inputs"

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

[2013-03-05 15:48:28 +0100][471407c] Ingo Diepholz
bug fix: We have moved the setting of 'fs' below the error-check. So it is necessary to check for the inputs and NOT for the object fs

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

[2013-03-05 10:09:22 +0100][141b92d] Ingo Diepholz
Merge remote-tracking branch 'origin/master'

[2013-03-04 13:10:52 +0100][f51c31a] Martin Hewitson
More sensible test orders.

m-toolbox/test/test_mfir_convenience_constructors.m | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)

[2013-03-04 13:10:12 +0100][5f4a778] Martin Hewitson
Added a set of convenience constructors for IIR and FIR filters.

```
m-toolbox/classes/@mfir/mfir.m      | 88 ++++++
m-toolbox/classes/@miir/miir.m      | 91 ++++++
.../test/test_mfir_convenience_constructors.m | 33 ++++++
.../test/test_miir_convenience_constructors.m | 33 ++++++
4 files changed, 245 insertions(+)
```

[2013-02-27 17:27:46 +0100][8afd319] Ingo Diepholz
Mantis 557: Add header lines option to from file constructor from AO Add the feature to ignore the first N lines.
This is possible with the new parameter 'ignoreLines'.

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

[2013-02-27 17:26:15 +0100][3852327] Ingo Diepholz
Add a new parameter to the parameter set 'from ascii file'. The new parameter 'ignoreLines' is used in ao/
fromDatafile for ignoring the frist N lines.

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

[2013-02-27 17:03:27 +0100][f973cb9] Ingo Diepholz
- The commented out part are thoughts about how the user can specify his own convert function for the
numbers e.g. @hex2num, ... But this is much much slower for double - The command [C{:}]; is much faster as
cell2mat(C);

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

[2013-02-27 14:52:38 +0100][c1650d7] Ingo Diepholz
Mantis 52 - Add the variable name to the columns - Extend the description.

```
m-toolbox/classes/@ao/table.m | 20 ++++++-----
1 file changed, 16 insertions(+), 4 deletions(-)
```

[2013-02-27 14:51:21 +0100][0d190a4] Ingo Diepholz
bug fix: It happened somehow that the copying of the DataTable jar-file disappeared.

```
m-toolbox/makeToolbox.m | 3 +++
1 file changed, 3 insertions(+)
```

[2013-02-27 13:39:49 +0100][8592d9d] Ingo Diepholz
Mantis issue 358: Missing or wrong tooltips

```
src/MPipeline2/dist/MPipeline2.jar      | Bin 3527772 -> 3527808 bytes
src/MPipeline2/src/mpipeline/main/MainWindow.form | 62 ++++++-----
src/MPipeline2/src/mpipeline/main/MainWindow.java | 65 ++++++-----
.../workspace/WorkspaceBrowserDialog.form      | 6 +-
.../workspace/WorkspaceBrowserDialog.java      | 4 +-
5 files changed, 68 insertions(+), 69 deletions(-)
```

[2013-02-27 12:51:49 +0100][9daaaea] Ingo Diepholz

Now uses this method the new method plist/matchKeyWithRegex and with this it is possible that the method accepts a star (*) as a wild-card. See Mantis issue 596

m-toolbox/classes/@plist/subset.m | 16 ++++++-----

1 file changed, 9 insertions(+), 7 deletions(-)

[2013-02-27 12:49:53 +0100][fa7b9ac] Ingo Diepholz

New method which returns a logical array with the same size of the parametes in a PLIST with a 1 if the input string matches to the key name(s) and a 0 if not.

m-toolbox/classes/@plist/matchKeyWithRegex.m | 112 ++++++

1 file changed, 112 insertions(+)

[2013-02-27 12:48:42 +0100][24de34c] Ingo Diepholz

New method which is just a wrapper of the method plist/subset.

m-toolbox/classes/@plist/search.m | 33 ++++++

1 file changed, 33 insertions(+)

[2013-02-27 06:20:03 -0500][699768c] James Ira Thorpe

Added new algorithm for computing constrained-gaussian using convolution. Still being debugged, runs with optional plist flag only...

m-toolbox/classes/@ao/subsData.m | 54 ++++++

1 file changed, 54 insertions(+)

[2013-02-26 17:54:28 +0100][6bb6eac] Ingo Diepholz

Mantis Change Request (546): ao constructor should give more useful error messages Extend the error message with a second line:

m-toolbox/classes/@ao/ao.m | 2 +-

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

[2013-02-26 11:31:05 -0500][a148e6d] Martin Hewitson

Bug fix: length returns the length of the longest dimension - not what we want.

m-toolbox/classes/@ao/subsData.m | 6 +----

1 file changed, 3 insertions(+), 3 deletions(-)

[2013-02-26 11:30:41 -0500][df9f6c7] Martin Hewitson

Cosmetics.

0 files changed

[2013-02-26 17:28:52 +0100][c9c2572] Ingo Diepholz

Merge remote-tracking branch 'origin/master'

[2013-02-26 17:28:41 +0100][89c69af] Ingo Diepholz

Merge remote-tracking branch 'origin/Ingo_Mantis622DisplayPlistProperties'

[2013-02-26 17:25:21 +0100][34ace9d] Ingo Diepholz
Break the loop for the case that we found a property.

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

[2013-02-26 17:20:30 +0100][0bf171e] Ingo Diepholz
Displays now an extra column for a PLIST if one of the parameters of the PLIST have properties.

m-toolbox/classes/@plist/tohtml.m | 56 ++++++-----
1 file changed, 50 insertions(+), 6 deletions(-)

[2013-02-26 17:19:00 +0100][6fad92c] Ingo Diepholz
changing the indent.

0 files changed

[2013-02-26 16:05:10 +0100][ac7a8ad] Ingo Diepholz
Display the properties of a param object.

m-toolbox/classes/@param/display.m | 12 +++++++
1 file changed, 12 insertions(+)

[2013-02-26 16:04:32 +0100][8b5b52d] Ingo Diepholz
changing the indent.

0 files changed

[2013-02-26 16:03:07 +0100][ec601e9] Ingo Diepholz
New method which gets the properties of a param-object. (The properties are stored in the paramValue object.)

m-toolbox/classes/@param/getProperties.m | 23 ++++++
1 file changed, 23 insertions(+)

[2013-02-25 16:30:42 -0500][d356e4f] Martin Hewitson
Just some reshuffling and cleaning up. Return an array of fit coefficients rather than pest objects. Slight reordering of update logic. Needs more thought.

m-toolbox/classes/@ao/cgfill.m | 31 ++++++-----
1 file changed, 19 insertions(+), 12 deletions(-)

[2013-02-25 16:14:25 -0500][db7b9e0] Martin Hewitson
Do some punishing of fit values which are negative. To be discussed.

m-toolbox/classes/@ao/cgfill.m | 13 +++++-----
1 file changed, 5 insertions(+), 8 deletions(-)

[2013-02-25 16:14:03 -0500][c8d5cd2] Martin Hewitson
I think it might be better to allow an upper and lower frequency for the fitting. To be discussed.

m-toolbox/classes/@ao/cgfill.m | 6 +----

1 file changed, 3 insertions(+), 3 deletions(-)

[2013-02-25 15:46:24 -0500][96c7e3d] Martin Hewitson
Store the IACF in the procinfo too.

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

[2013-02-25 13:54:13 -0500][0c3c981] Martin Hewitson
First version of a constrained gaussian gap filling method. Still needs some shake-down time.

m-toolbox/classes/@ao/cgfill.m | 235 +++++
1 file changed, 235 insertions(+)

[2013-02-25 18:50:55 +0100][d2e2eed] Nikos
moving a function to public. It should be accesed

MCMC.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-02-25 17:38:11 +0100][74615dd] Nikos
Bug fix. Collect the outputs correctly

collectOutputAOs.m | 13 +-----
1 file changed, 9 insertions(+), 4 deletions(-)

[2013-02-25 11:02:09 -0500][a1a544d] Martin Hewitson
Bug fix: when computing the lambda coefficients, we don't want to include the data in the gaps into the summation (as per the memo).

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

[2013-02-25 09:33:57 -0500][6c52725] Martin Hewitson
We don't need a transpose, mvnrnd does this for us.

m-toolbox/classes/@ao/subsData.m | 3 ---
1 file changed, 3 deletions(-)

[2013-02-25 09:29:05 -0500][b95082e] Martin Hewitson
We need to fill the gaps independently, so we cache the original input y and use that for each gap.

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

[2013-02-25 09:09:42 -0500][a4f304d] Martin Hewitson
Set a name.

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

[2013-02-25 08:44:41 -0500][5308b62] Martin Hewitson
Mostly cosmetic changes.

m-toolbox/classes/@ao/subsData.m | 26 ++++++-----
1 file changed, 15 insertions(+), 11 deletions(-)

[2013-02-25 08:44:22 -0500][eda1eee] Martin Hewitson
Provide a loop for running the thing N times. For now this is hardcoded for 1 run, but is useful for testing.

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

[2013-02-25 12:40:53 +0100][3b63a84] Nikos
Fixing typos

MCMC.m | 4 +++-
mhsample.m | 2 +-
2 files changed, 3 insertions(+), 3 deletions(-)

[2013-02-25 06:40:04 -0500][c06f05a] Martin Hewitson
Getting the detrending part to work. Needs to be checked.

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

[2013-02-25 11:31:30 +0100][0b3a7d3] Nikos
Making the updateCovariance function working. Also some cosmetics

MCMC.m | 3 +-
defaultPlist.m | 12 ----
mhsample.m | 162 ++++++-----
3 files changed, 84 insertions(+), 93 deletions(-)

[2013-02-25 10:44:11 +0100][1f9d04f] Nikos
Fixed history

mhsample.m | 2 +-
simplex.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-02-25 10:43:47 +0100][3fccf4c] Nikos
Cosmetics, added another public field to the class

MCMC.m | 8 +++++-
1 file changed, 6 insertions(+), 2 deletions(-)

[2013-02-24 08:01:24 -0500][10886b3] Martin Hewitson
Default detrend order should be -1 for this method.

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

[2013-02-24 08:01:10 -0500][fe7dc93] Martin Hewitson
Do checks depending on the mode.

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

[2013-02-24 08:00:53 -0500][916321b] Martin Hewitson
Determine which set of defaults to apply.

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

[2013-02-24 08:00:31 -0500][6910a1d] Martin Hewitson
Collect the input plists so we can determine which set of parameters we are dealing with, then we can get the correct set of default values to pass to applyDefaults.

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

[2013-02-22 17:32:10 -0500][0fd8c9] Martin Hewitson
Updated the expected plists in the unit test

.../tests/ao/@test_ao_subsData/test_getInfo.m | 24 ++++++++
1 file changed, 24 insertions(+)

[2013-02-22 17:31:46 -0500][0a6f7e8] Martin Hewitson
Updated the module name in the unit test class.

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

[2013-02-22 17:30:12 -0500][c1b4405] Martin Hewitson
Removed old comments.

m-toolbox/classes/@ao/subsData.m | 3 ---
1 file changed, 3 deletions(-)

[2013-02-22 17:30:01 -0500][8c1845f] Martin Hewitson
Changed module name.

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

[2013-02-22 16:48:35 -0500][16ce1bc] James Ira Thorpe
Added support for constrained gaussian filling - not yet tested

m-toolbox/classes/@ao/subsData.m | 117 ++++++++
1 file changed, 111 insertions(+), 6 deletions(-)

[2013-02-22 15:53:41 -0500][03f7cd3] James Ira Thorpe
Bug fixes to match Curt's original code

m-toolbox/classes/@ao/iacf.m | 8 ++++-----
1 file changed, 4 insertions(+), 4 deletions(-)

[2013-02-22 15:20:14 -0500][4252e2c] James Ira Thorpe
Merge branch 'nasa_drift_mode_da' of gs66-fitzroy.gsfc.nasa.gov:/local/data/chalten/git/ltpda_src into nasa_drift_mode_da

[2013-02-22 15:15:45 -0500][f2d191f] Martin Hewitson
Added some help text describing the output.

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

[2013-02-22 15:01:26 -0500][1aa7c74] Martin Hewitson
A new method to compute the inverse autocorrelation function of a spectrum. The spectrum can be specified as an fsdata AO, an smodel (which can be evaluated), or a pest (which contains an smodel and can be evaluated).

m-toolbox/classes/@ao/iacf.m | 185 ++++++
1 file changed, 185 insertions(+)

[2013-02-22 14:53:41 -0500][09651b3] James Ira Thorpe
Added support for replacing with average of gap edges and straight line between gap edges

m-toolbox/classes/@ao/subsData.m | 36 ++++++
1 file changed, 33 insertions(+), 3 deletions(-)

[2013-02-22 14:21:06 -0500][856795d] James Ira Thorpe
Initial commit for data substitution method. Supports constant value mode only

m-toolbox/classes/@ao/subsData.m | 252 ++++++
.../tests/ao/@test_ao_subsData/test_ao_subsData.m | 17 ++
.../tests/ao/@test_ao_subsData/test_getInfo.m | 51 +++++
3 files changed, 320 insertions(+)

[2013-02-22 13:51:31 -0500][8a8d4e0] Martin Hewitson
Bug fix: the module name was wrong.

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

[2013-02-22 13:40:38 -0500][7b0ad45] Martin Hewitson
Enhance this method so that it can also return the found indices in the output AO as the y-values, rather than in the procinfo. In that case the found y values are put in the procinfo.

m-toolbox/classes/@ao/find.m | 42 ++++++
1 file changed, 38 insertions(+), 4 deletions(-)

[2013-02-22 10:48:43 +0100][4ac9550] Nikos
Cosmetics and code cleaning

MCMC.m | 58 ++++++-----

```
defaultPlist.m | 92 ++++++-----  
mhsample.m    | 19 ++++-----  
preprocess.m  | 7 ++++  
simplex.m      | 12 ++++-----  
5 files changed, 73 insertions(+), 115 deletions(-)
```

[2013-02-22 10:47:17 +0100][3ff529d] Nikos

Added two new function proposed by Ingo. Allow better history handling. Probably will have to be part of each algorithm class

```
getInfo.m      | 6 ++++++  
initObjectWithSize.m | 6 ++++++  
2 files changed, 12 insertions(+)
```

[2013-02-20 16:40:01 -0500][3222d01] Martin Hewitson

A new method which uses a log-likelihood approach to fit a power law to data. This is a different approach to our polynomfit and often provides less biased results. This is based on code written by Curt Cutler.

```
m-toolbox/classes/@ao/powerFit.m | 185 ++++++  
1 file changed, 185 insertions(+)
```

[2013-02-19 17:44:30 +0100][22abc30] Nikos

Small fix: LTPDA copy only if it is not empty

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

[2013-02-19 12:32:31 +0100][f03417b] Nikos

Update on the MATRIX/SSM fisher functions. Also added the diffstepFisher function to the SSM class

```
m-toolbox/classes/@matrix/fisher.m | 96 ++++++-----  
m-toolbox/classes/@ssm/diffStepFisher.m | 129 ++++++  
m-toolbox/classes/@ssm/fisher.m      | 129 ++++++-----  
m-toolbox/classes/@ssm/ssm.m         | 2 +  
4 files changed, 265 insertions(+), 91 deletions(-)
```

[2013-02-19 12:30:52 +0100][bac654b] Nikos

Added another property (diffstep for SSMs) to the class and finalized the fisher functions

```
MCMC.m          | 1 +  
calculateCovariance.m | 45 ++++++-----  
defaultPlist.m   | 14 ++-----  
3 files changed, 18 insertions(+), 42 deletions(-)
```

[2013-02-18 19:55:31 +0100][bd0c88b] Nikos

Fixed minor bugs in structure

```
preprocess.m | 26 ++++++-----  
1 file changed, 14 insertions(+), 12 deletions(-)
```

[2013-02-18 19:55:10 +0100][3eb54d2] Nikos

Cosmetics

ao2strucArrays.m | 8 ++-----
1 file changed, 2 insertions(+), 6 deletions(-)

[2013-02-18 19:54:58 +0100][e5ad16f] Nikos

Adding the input and output names again in the default plist. Minus a step for the user.

MCMC.m | 2 ++
calculateCovariance.m | 4 +++-
defaultPlist.m | 19 ++++++-----
mhsample.m | 12 ++++++-----
preprocessModel.m | 16 ++++++-----
simplex.m | 28 ++++++-----
6 files changed, 55 insertions(+), 26 deletions(-)

[2013-02-18 19:47:16 +0100][6f0a4c6] Nikos

Adapting to recent changes

m-toolbox/classes/@ssm/loglikelihood.m | 32 ++++++-----
1 file changed, 29 insertions(+), 3 deletions(-)

[2013-02-18 19:30:37 +0100][1ccb5f9] Nikos

Bug fix. The log-likelihood for each experiment was not added

m-toolbox/classes/+utils/@math/loglikelihood.m | 25 ++++++-----
m-toolbox/classes/+utils/@math/math.m | 2 +-
m-toolbox/classes/@matrix/loglikelihood_core.m | 12 ++++++-----
m-toolbox/classes/@ssm/loglikelihood_core.m | 15 ++++++-----
4 files changed, 37 insertions(+), 17 deletions(-)

[2013-02-18 18:16:54 +0100][7e6a995] Nikos

Inputing the bode plist as before. Allow flexibility

m-toolbox/classes/@ssm/loglikelihood_core.m | 7 ++-----
1 file changed, 2 insertions(+), 5 deletions(-)

[2013-02-18 11:21:54 +0100][19b9e34] Mauro Hueller

Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpra/ltpra_src

[2013-02-18 11:21:45 +0100][1138c30] Mauro Hueller

Added the .git folder removal from the path

m-toolbox/classes/+utils/@helper/installExtensionsForDir.m | 3 +-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-02-14 17:09:20 +0100][6c12e3a] Nikos

Some naming changes

ao2strucArrays.m | 24 ++++++-----
mhsample.m | 14 ++++++-----
2 files changed, 19 insertions(+), 19 deletions(-)

[2013-02-14 11:15:54 +0100][4e6d1d0] Nikos

Added the matrix.fisher and ssm.fisher functions

```
m-toolbox/classes/@matrix/fisher.m | 86 ++++++
m-toolbox/classes/@ssm/fisher.m   | 124 ++++++
2 files changed, 210 insertions(+)
```

[2013-02-14 11:08:47 +0100][e3bcf2b] Nikos
Fixed the simplex function and added a default key in the preprocess plist

```
preprocess.m | 1 +
simplex.m     | 24 ++++++-----
2 files changed, 18 insertions(+), 7 deletions(-)
```

[2013-02-14 10:32:20 +0100][10260b8] Nikos
Merge branch 'mcmc_Code_Review' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into mcmc_Code_Review

[2013-02-14 10:32:15 +0100][837902e] Nikos
updating the matrix/loglikelihoods also

```
m-toolbox/classes/@matrix/loglikelihood.m | 23 +++++-----
m-toolbox/classes/@matrix/loglikelihood_core.m | 38 ++++++-----
m-toolbox/classes/@ssm/loglikelihood.m       | 11 ++-----
3 files changed, 25 insertions(+), 47 deletions(-)
```

[2013-02-14 08:45:11 +0100][676ba13] Nikos
Merge branch 'mcmc_Code_Review' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_extensions into mcmc_Code_Review

[2013-02-14 08:43:38 +0100][0bc5a92] Nikos
Adding the new method to the class

```
MCMC.m | 5 +++-
1 file changed, 3 insertions(+), 2 deletions(-)
```

[2013-02-14 08:43:16 +0100][edbec2c] Nikos
New plist key to the default plist

```
defaultPlist.m | 6 ++++-
getParamNames.m | 11 +++-----
2 files changed, 8 insertions(+), 9 deletions(-)
```

[2013-02-14 08:26:01 +0100][4a1f90e] Martin Hewitson
Further fixing of this. We need to be more careful and only set an empty array explicitly for empty sym values. I don't understand this at the moment. More investigation needed.

```
m-toolbox/classes/@ssm/blockMatPrune.m | 7 ++++-
1 file changed, 5 insertions(+), 2 deletions(-)
```

[2013-02-14 08:26:09 +0100][5664126] Martin Hewitson
Merge branch 'mcmc_Code_Review' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into mcmc_Code_Review

[2013-02-14 08:26:01 +0100][607dff3] Martin Hewitson

Further fixing of this. We need to be more careful and only set an empty array explicitly for empty sym values. I don't understand this at the moment. More investigation needed.

m-toolbox/classes/@ssm/blockMatPrune.m | 7 +++++-
1 file changed, 5 insertions(+), 2 deletions(-)

[2013-02-14 08:10:24 +0100][55e746e] Martin Hewitson

Whitespace.

0 files changed

[2013-02-13 20:47:26 +0100][539a4c9] Nikos

Found a small bug. We don't want to apply window by default

preprocess.m | 5 +++-
1 file changed, 4 insertions(+), 1 deletion(-)

[2013-02-13 20:34:43 +0100][b3f81da] Nikos

A new function for gathering the data into structure arrays and the corresponding changes to the functions that are affected

ao2strucArrays.m | 171 +++
calculateCovariance.m | 11 +-
mhsample.m | 16 +-
performDataChecks.m | 2 +-
preprocess.m | 68 ++++++-----
preprocessModel.m | 2 +
6 files changed, 222 insertions(+), 48 deletions(-)

[2013-02-13 20:32:13 +0100][3d97036] Nikos

The provided data to the log-likelihood are now in the form of structure arrays. This way we allow fast multiple experiment calculations and different frequency range for each experiment

m-toolbox/classes/+utils/@math/loglikelihood.m | 9 +-----
m-toolbox/classes/@ssm/loglikelihood.m | 19 ++++++-----
m-toolbox/classes/@ssm/loglikelihood_core.m | 32 ++++++-----
3 files changed, 26 insertions(+), 34 deletions(-)

[2013-02-13 14:13:31 +0100][ac9962a] Nikos

The fisher function gets the inputs and outputs from the model and not fro the function inputs.

m-toolbox/classes/+utils/@math/fisher.m | 28 ++++++-----
1 file changed, 16 insertions(+), 12 deletions(-)

[2013-02-13 13:52:44 +0100][7c54184] Martin Hewitson

Bug fix: when simplifying we sometimes end up with empty sym objects and these we don't want to keep.

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

[2013-02-13 13:52:44 +0100][ffe895e] Martin Hewitson
Bug fix: when simplifying we sometimes end up with empty sym objects and these we don't want to keep.

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

[2013-02-13 12:13:21 +0100][3211d04] Martin Hewitson
Added a note in the help to describe the possible use of getKeys().

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

[2013-02-13 12:13:21 +0100][9a0fc67] Martin Hewitson
Added a note in the help to describe the possible use of getKeys().

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

[2013-02-13 12:11:33 +0100][c479eae] Martin Hewitson
We want to use getKeys() here since we are only interested in the default keys.

getParamNames.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

[2013-02-13 12:09:38 +0100][94239a4] Martin Hewitson
Merge branch 'mcmc_Code_Review' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src into
mcmc_Code_Review

[2013-02-13 12:09:31 +0100][a828421] Martin Hewitson
This was wrong. This method should return _all_ keys as the name suggests. To get all default keys use
getKeys().

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

[2013-02-13 12:04:22 +0100][0f033be] Martin Hewitson
New copy methods which are fairly generic but need to be in each class due to limitations of MATLAB's
newarray function.

copy.m | 22 ++++++
1 file changed, 22 insertions(+)

[2013-02-13 12:03:35 +0100][7e4478c] Martin Hewitson
Better addHistory implementation which now calls our standard addHistory for the case of working on the
algorithm object, and does some reworking for the case of adding history steps to the output objects of
process() etc.

ltppda_algorithm.m | 17 ++++++
1 file changed, 15 insertions(+), 2 deletions(-)

[2013-02-13 12:02:49 +0100][611dde3] Martin Hewitson
Make defaultPlist call buildplist() and handle persistent variable.

ltpda_algorithm.m | 14 ++++++-----
1 file changed, 12 insertions(+), 2 deletions(-)

[2013-02-13 12:02:24 +0100][81b9a0b] Martin Hewitson
Having a generic copy is not really working so we insist that subclasses implement a copy method (which just needs to be duplicated in each class).

ltpda_algorithm.m | 17 ++-----
1 file changed, 2 insertions(+), 15 deletions(-)

[2013-02-13 12:01:23 +0100][16275d5] Martin Hewitson
We pass the details of the algorithm in at construction time so that we can add the history step in the superclass. Also, don't applyDefaults in the case the user doesn't input a plist.

ltpda_algorithm.m | 15 ++++++-----
1 file changed, 14 insertions(+), 1 deletion(-)

[2013-02-13 11:59:36 +0100][7cfc646] Martin Hewitson
We build the plist in the buildplist() method and let the superclass call this from defaultPlist to allow the persistent stuff to work.

buildplist.m | 95 ++++++-----
defaultPlist.m | 95 -----
2 files changed, 95 insertions(+), 95 deletions(-)

[2013-02-13 11:58:34 +0100][70ca64a] Martin Hewitson
Merge branch 'mcmc_Code_Review' of gitmaster.atlas.aei.uni-hannover.de:ltpda/ltpda_extensions into mcmc_Code_Review

[2013-02-13 11:58:29 +0100][9271cb8] Martin Hewitson
remove declaration of defaultPlist since this is just in the superclass now.

MCMC.m | 4 +---
1 file changed, 1 insertion(+), 3 deletions(-)

[2013-02-13 11:57:21 +0100][426e63a] Martin Hewitson
Simplify constructor by moving the work to the superclass.

MCMC.m | 14 +++++-----
1 file changed, 6 insertions(+), 8 deletions(-)

[2013-02-13 11:56:57 +0100][6cce114] Martin Hewitson
Copy moved to its own file.

MCMC.m | 19 -----
1 file changed, 19 deletions(-)

[2013-02-13 10:41:25 +0100][b092541] Nikos
removing these functions from utils.math

m-toolbox/classes/+utils/@math/Decision.m | 60 -----

```

m-toolbox/classes/+utils/@math/computeBetta.m | 33 -----
m-toolbox/classes/+utils/@math/drawSample.m | 17 -----
m-toolbox/classes/+utils/@math/getLoglikelihood.m | 42 -----
m-toolbox/classes/+utils/@math/jump.m | 35 -----
m-toolbox/classes/+utils/@math/logDecision.m | 64 -----
m-toolbox/classes/+utils/@math/processChain.m | 83 -----
7 files changed, 334 deletions(-)

```

[2013-02-13 10:38:12 +0100][cb80f86] Nikos
Moving functions from utils.math to MCMC class

```

MCMC.m | 11 ++++++-
computeBetta.m | 52 ++++++
drawSample.m | 17 ++++++
jump.m | 53 ++++++
logDecision.m | 62 ++++++
mhsample.m | 28 ++++++
processChain.m | 81 ++++++
7 files changed, 281 insertions(+), 23 deletions(-)

```

[2013-02-13 10:06:06 +0100][42a8e2b] Nikos
Doing the same for the MATRIX case.

```

m-toolbox/classes/@matrix/loglikelihood.m | 158 ++++++
m-toolbox/classes/@matrix/loglikelihood_core.m | 79 ++++++
m-toolbox/classes/@matrix/matrix.m | 4 +-
3 files changed, 210 insertions(+), 31 deletions(-)

```

[2013-02-13 10:02:33 +0100][44b7bd8] Nikos
Cosmetics

```

m-toolbox/classes/@ssm/loglikelihood_core.m | 7 +-----
1 file changed, 1 insertion(+), 6 deletions(-)

```

[2013-02-13 09:49:18 +0100][725bf1c] Nikos
Adapt to recent changes: Fixed the public ssm/loglikelihood

```

m-toolbox/classes/@ssm/loglikelihood.m | 144 ++++++
1 file changed, 31 insertions(+), 113 deletions(-)

```

[2013-02-12 17:34:25 +0100][dc95540] Nikos
We don't need this function any more

```

MCMC.m | 1 -
getLoglikelihood.m | 36 -----
2 files changed, 37 deletions(-)

```

[2013-02-12 17:15:17 +0100][5efb05d] Nikos
The loglikelihood functio is changed to return 2 outputs instead of one

```

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

```

[2013-02-12 17:14:44 +0100][16a32e0] Nikos

Added also the MCMC.simplex function. The loglikelihood function is also changed to return 2 outputs instead of one

```
MCMC.m      | 40 ++++++-----
mhsample.m  | 39 ++++++-----
simplex.m    | 214 ++++++-----
3 files changed, 255 insertions(+), 38 deletions(-)
```

[2013-02-12 16:05:36 +0100][88f64ba] Nikos

Nesting the mhsampe function under the MCMC algorithm class

```
MCMC.m      | 27 +-
mhsample.m  | 578 ++++++-----
2 files changed, 594 insertions(+), 11 deletions(-)
```

[2013-02-12 15:58:37 +0100][2bcb4fe] Nikos

Added a loglikelihood_core SSM function to be used in the sampling for increased efficiency

```
m-toolbox/classes/@ssm/loglikelihood_core.m | 88 ++++++-----
m-toolbox/classes/@ssm/ssm                  | 4 +-
2 files changed, 90 insertions(+), 2 deletions(-)
```

[2013-02-12 15:26:33 +0100][d908ab0] Martin Hewitson

Bug fix: I think we should be including the algorithm history here.

```
ltpda_algorithm.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-02-12 13:24:30 +0100][4f3a477] Martin Hewitson

cache preprocessed model in another internal property.

```
preprocessModel.m | 8 ++++++
1 file changed, 5 insertions(+), 3 deletions(-)
```

[2013-02-12 13:24:04 +0100][c3794b2] Martin Hewitson

Moved to using an internal cache of the model (preprocessed) but maybe we don't need this any more?

```
getLoglikelihood.m | 14 ++++++-----
1 file changed, 7 insertions(+), 7 deletions(-)
```

[2013-02-12 13:23:15 +0100][2ca6a4c] Martin Hewitson

Comma separate output variables.

```
collectOutputAOs.m | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

[2013-02-12 13:22:56 +0100][8524028] Martin Hewitson

Fixes to get the history stuff working and a couple of other minor changes.

```
ltpda_algorithm.m | 17 ++++++-----
1 file changed, 12 insertions(+), 5 deletions(-)
```

[2013-02-12 13:22:56 +0100][64f8921] Martin Hewitson
Fixes to get the history stuff working and a couple of other minor changes.

MCMC.m | 27 ++++++-----
1 file changed, 15 insertions(+), 12 deletions(-)

[2013-02-12 13:21:11 +0100][3158ab5] Martin Hewitson
Changed to use persistent variables which means we can use this method properly.

m-toolbox/classes/@ssm/loglikelihood.m | 37 ++++++-----
1 file changed, 21 insertions(+), 16 deletions(-)

[2013-02-12 13:20:31 +0100][293d2f6] Martin Hewitson
Fix in history

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

[2013-02-12 11:17:22 +0100][a3f7ef1] Martin Hewitson
Re-indented.

0 files changed

[2013-02-12 11:16:40 +0100][cfeb9ee] Martin Hewitson
Getting the history and rebuilding working. Not working yet.

ltpda_algorithm.m | 12 +++++-----
1 file changed, 6 insertions(+), 6 deletions(-)

[2013-02-12 11:16:40 +0100][ea69735] Martin Hewitson
Getting the history and rebuilding working. Not working yet.

MCMC.m | 69 ++++++-----
1 file changed, 50 insertions(+), 19 deletions(-)

[2013-02-12 10:16:48 +0100][8f4a153] Martin Hewitson
Implement some basic infrastructure for having tests within each algorithm class.

ltpda_algorithm.m | 76 ++++++-----
tests/test_empty_constructor.m | 10 ++++++
tests/test_rebuild.m | 8 ++++++
3 files changed, 93 insertions(+), 1 deletion(-)

[2013-02-12 10:16:48 +0100][c56b9e9] Martin Hewitson
Implement some basic infrastructure for having tests within each algorithm class.

MCMC.m | 11 ++++++
1 file changed, 11 insertions(+)

[2013-02-11 22:17:59 +0100][d87c300] Nikos
Changes here for working in the new scheme

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

[2013-02-11 22:14:16 +0100][2e8131f] Nikos

Making the algorithm.calculateCovariance work in the new scheme. The new philosophy of not inputting the inNames and outNames for SSMs, is causing a lot of issues in the CRB associated sub-functions.

MCMC.m | 10 +++++
calculateCovariance.m | 63 ++++++
performDataChecks.m | 2 +-
preprocess.m | 4 ---
4 files changed, 67 insertions(+), 12 deletions(-)

[2013-02-11 18:27:29 +0100][f2b8caa] Nikos

Cosmetics

0 files changed

[2013-02-11 18:13:25 +0100][b8734fc] Nikos

Fixed the help

MCMC.m | 30 ++++++
collectOutputAOs.m | 6 +++++
2 files changed, 20 insertions(+), 16 deletions(-)

[2013-02-11 17:50:31 +0100][a079593] Nikos

Added the MH sampling part

MCMC.m | 47 ++++++
1 file changed, 42 insertions(+), 5 deletions(-)

[2013-02-11 17:10:01 +0100][bffff2c] Nikos

A little bit of code cleaning and re-structuring

MCMC.m | 340 ++
calculateCovariance.m | 21 ++++
checkXo.m | 36 ++++++
collectOutputAOs.m | 25 ++++
defaultPlist.m | 95 ++++++
getLoglikelihood.m | 36 ++++++
getParamNames.m | 10 ++
performDataChecks.m | 66 ++++++
preprocessModel.m | 27 ++++
9 files changed, 329 insertions(+), 327 deletions(-)

[2013-02-11 16:38:09 +0100][ecef5b4] Martin Hewitson

Bug fix: we check the class name against ltpda_obj.

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

[2013-02-11 16:27:28 +0100][1cebddc] Martin Hewitson

The beginnings of a new era of LTPDA algorithms. Here we start on the MCMC algorithm and a PSD algorithm as an example.

ltpda_algorithm.m | 126 ++++++
1 file changed, 126 insertions(+)

[2013-02-11 16:27:28 +0100][b8414b5] Martin Hewitson

The beginnings of a new era of LTPDA algorithms. Here we start on the MCMC algorithm and a PSD algorithm as an example.

MCMC.m | 548 ++++++
ao2NumericalMatrices.m | 159 ++++++
preprocess.m | 227 ++++++
3 files changed, 934 insertions(+)

[2013-02-11 16:22:20 +0100][11f5b3f] Martin Hewitson

I think this should only return default keys and as such we should cherry pick this onto the master branch. To be discussed!

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

[2013-02-11 16:21:48 +0100][e1c4b4d] Martin Hewitson

Change key name to avoid conflict with the key N in WELCH_PLIST.

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

[2013-02-11 16:21:20 +0100][5a7db95] Martin Hewitson

Create a utility to check for subclasses of a particular class and use that in callerIsMethod rather than checking against a static list of ltpda class names.

m-toolbox/classes/+utils/@helper/callerIsMethod.m | 2 +-
m-toolbox/classes/+utils/@prog/issubclass.m | 28 ++++++
m-toolbox/classes/+utils/@prog/prog.m | 1 +
3 files changed, 30 insertions(+), 1 deletion(-)

[2013-02-11 09:13:04 +0100][ff19d44] Martin Hewitson

Merge branch 'master' into mcmc_Code_Review

[2013-02-08 14:13:01 +0100][cef5ff4] Nikos

Bug fix: forgot to add a line here.

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

[2013-02-07 17:16:40 +0100][223df2d] Ferran Gibert

Merge remote-tracking branch 'origin/master'

[2013-02-07 17:15:53 +0100][c68e88e] Ferran Gibert

Parameters for the ltf and zDomainFit calls added to the default plist.

m-toolbox/classes/@ao/fitSubtract.m | 57 ++++++-----
1 file changed, 54 insertions(+), 3 deletions(-)

[2013-02-07 17:13:00 +0100][e74aabe] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltlda/ltlda_src

[2013-02-07 17:11:56 +0100][4a47665] Mauro Hueller
Cosmetics

0 files changed

[2013-02-07 17:10:55 +0100][696ef22] Mauro Hueller
Bug fix: the case where the y quantity has nor errors was not properly handled.

m-toolbox/classes/@ao/linfit.m | 31 ++++++-----
1 file changed, 21 insertions(+), 10 deletions(-)

[2013-02-07 15:22:17 +0100][c0f1532] Nikos
Corrected printed info and a small typo bug

m-toolbox/classes/@ao/mhsample.m | 4 +++
m-toolbox/classes/@matrix/mcmc.m | 8 +-----
2 files changed, 6 insertions(+), 6 deletions(-)

[2013-02-07 15:17:42 +0100][c4e3e55] ferraioli
Now linfitsvd report the units of the parameters in the field yunits when dealing with a ssm model

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

[2013-02-05 15:59:54 +0100][ae5e7ef] Nikos
Removed unnecessary code and fixed small typo

m-toolbox/classes/@ao/modelSelect.m | 8 +-----
m-toolbox/classes/@ao/mve.m | 15 +-----
2 files changed, 5 insertions(+), 18 deletions(-)

[2013-02-04 17:24:09 +0100][d93e3b8] Nikos
Correct way to draw sub-samples from the data-set

m-toolbox/classes/@ao/mve.m | 24 ++++++-----
1 file changed, 19 insertions(+), 5 deletions(-)

[2013-02-03 19:14:22 +0100][20625b0] Nikos
Bug fix: corrected the getInfo function

m-toolbox/classes/@ao/modelSelect.m | 15 ++++++-----
m-toolbox/classes/@ao/mve.m | 11 ++++++-----
2 files changed, 25 insertions(+), 1 deletion(-)

[2013-02-02 20:09:11 +0100][26a9771] Nikos

New method: minimum volume ellipsoid estimator

```
m-toolbox/classes/@ao/mve.m | 239 ++++++
m-toolbox/classes/@pest/mve.m | 112 ++++++
2 files changed, 351 insertions(+)
```

[2013-01-31 16:48:07 +0100][b6db18b] Nikos
Forgot to change the key

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

[2013-01-31 16:47:24 +0100][11eb4bb] Nikos
Small typo here.

```
m-toolbox/classes/@ao/mcmc.m | 4 ---
1 file changed, 1 insertion(+), 3 deletions(-)
```

[2013-01-31 16:46:07 +0100][81f7b25] Nikos
Added another key to the plist to plot after sampling. Added also the SNR in the saved values.

```
m-toolbox/classes/+utils/@math/getCorr.m | 12 +----
m-toolbox/classes/+utils/@math/logLmath.m | 2 +-
m-toolbox/classes/+utils/@math/math.m | 6 +-
m-toolbox/classes/+utils/@math/processChain.m | 17 +-----
m-toolbox/classes/+utils/@math/ymcd.m | 17 +-----
m-toolbox/classes/@ao/mhsample.m | 53 +-----
6 files changed, 66 insertions(+), 41 deletions(-)
```

[2013-01-31 10:47:52 +0100][0ac5619] Martin Hewitson
Support constructing an ao from parts of a file path, e.g.

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

[2013-01-31 09:26:18 +0100][18d84dd] Martin Hewitson
This shouldn't be in the main toolbox so I'm moving it to the LPF_DA_Module.

```
m-toolbox/classes/@ao/dopplercorr.m | 117 -----
1 file changed, 117 deletions(-)
```

[2013-01-31 09:25:37 +0100][593377d] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltlda/ltlda_src

[2013-01-30 19:07:08 +0100][41c6def] Nikos
Small fix for the uniform distr

```
m-toolbox/classes/@ao/rjsample.m | 16 +-----
1 file changed, 13 insertions(+), 3 deletions(-)
```

[2013-01-30 18:39:28 +0100][5ebecc3] Nikos
Fixed minor bugs, removed unnecessary code

m-toolbox/classes/@ao/modelSelect.m | 97 ++++++-----
m-toolbox/classes/@ao/rjsample.m | 66 ++++++-----
m-toolbox/classes/@matrix/modelSelect.m | 2 -
3 files changed, 50 insertions(+), 115 deletions(-)

[2013-01-28 13:26:30 +0100][74c5ebb] Mauro Hueller
Starting to restructure these tests.

m-toolbox/test/test_ao Consolidate.m | 14 ++++++-----
1 file changed, 11 insertions(+), 3 deletions(-)

[2013-01-28 13:25:43 +0100][fbc910f] Mauro Hueller
Fixed test

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

[2013-01-28 08:45:28 +0100][102278e] Martin Hewitson
minfo constructor insists on a package name now.

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

[2013-01-27 15:04:16 +0100][16e1c47] Nikos
forgot a line

m-toolbox/classes/@matrix/modelSelect.m | 3 +++
1 file changed, 3 insertions(+)

[2013-01-27 15:03:12 +0100][2aa592d] Nikos
Added the possibility of no injection signals to matrix.mcmc and matrix.modelSelect

m-toolbox/classes/@matrix/mcmc.m | 17 ++++++-----
m-toolbox/classes/@matrix/modelSelect.m | 10 ++++++-----
2 files changed, 18 insertions(+), 9 deletions(-)

[2013-01-24 17:30:45 +0100][f7130e8] Mauro Hueller
Added a parameter 'offset' to the waveform constructor.

m-toolbox/classes/@ao/ao.m | 4 ++++
m-toolbox/classes/@ao/fromWaveform.m | 6 +++++-
2 files changed, 9 insertions(+), 1 deletion(-)

[2013-01-24 17:19:15 +0100][2008120] Nikos
Small typo

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

[2013-01-24 17:16:38 +0100][913441f] Nikos
matrix/modelSelect reshapes the data and passes them to the ao version

m-toolbox/classes/@matrix/modelSelect.m | 697 +++-----
1 file changed, 59 insertions(+), 638 deletions(-)

[2013-01-24 17:00:53 +0100][a6fb8d4] Nikos
Fixed typo

m-toolbox/classes/@ao/modelSelect.m | 2 +-
m-toolbox/classes/@ao/rjsample.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-01-24 16:33:47 +0100][9b0e345] Nikos
Cosmetics and debugging

m-toolbox/classes/@ao/mhsample.m | 8 +---
m-toolbox/classes/@ao/modelSelect.m | 74 ++++++-----
m-toolbox/classes/@ao/rjsample.m | 2 +-
3 files changed, 38 insertions(+), 46 deletions(-)

[2013-01-23 17:37:50 +0100][7f06226] Mauro Hueller
Fixed a bug in defining the window size.

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

[2013-01-22 16:25:34 +0100][af345f3] Nikos
Update

m-toolbox/classes/@ao/rjsample.m | 252 ++++++-----
1 file changed, 141 insertions(+), 111 deletions(-)

[2013-01-22 09:27:30 +0100][3f628a1] Mauro Hueller
Bug fix: properly handling the outputs of the wrapped method ltpda_uo.submit.

m-toolbox/classes/@ltpda_uo/bsubmit.m | 15 ++++++---
1 file changed, 13 insertions(+), 2 deletions(-)

[2013-01-21 18:10:43 +0100][25eaa90] Nikos
Updated rj-sampling to a working version like the mcmc code review structure

m-toolbox/classes/@ao/modelSelect.m | 708 ++++++-----
m-toolbox/classes/@ao/rjsample.m | 206 ++++++-----
2 files changed, 346 insertions(+), 568 deletions(-)

[2013-01-21 12:37:22 +0100][cd7a206] Nikos
Removing recent unnecessary changes

m-toolbox/classes/@ao/preprocessDataForMCMC.m | 36 ++++++-----
1 file changed, 11 insertions(+), 25 deletions(-)

[2013-01-21 11:21:05 +0100][a4b197f] Nikos
Typo fix

m-toolbox/classes/@ao/mcmc.m | 4 +++-
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 2 +-
2 files changed, 4 insertions(+), 2 deletions(-)

[2013-01-21 11:04:39 +0100][2e38931] Nikos
Preprocessing multiple models

m-toolbox/classes/@ao/modelSelect.m | 777 ++++++
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 36 +-
2 files changed, 802 insertions(+), 11 deletions(-)

[2013-01-21 09:22:00 +0100][1a671d9] Mauro Hueller
Added plist output, with gives the possibility to handle the content in a more flexible way. At the moment we include: IDs, CID, UUIDs. In future releases this will be the only output, so added a deprecation warning.

m-toolbox/classes/@ltpda_uo/bsubmit.m | 20 ++++++-----
m-toolbox/classes/@ltpda_uo/submit.m | 31 ++++++-----
2 files changed, 39 insertions(+), 12 deletions(-)

[2013-01-18 17:25:30 +0100][82aa04f] Nikos
Update

m-toolbox/classes/@ao/rjsample.m | 124 ++++++-----
1 file changed, 89 insertions(+), 35 deletions(-)

[2013-01-18 15:15:06 +0100][b2e6672] Mauro Hueller
Removing the UUID property from display, since for plist objects it is always empty

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

[2013-01-18 14:38:00 +0100][9f12e1d] Nikos
Started restructure work for the reversible jump sampling

m-toolbox/classes/@ao/rjsample.m | 846 ++++++
1 file changed, 846 insertions(+)

[2013-01-17 17:24:30 +0100][de48009] Mauro Hueller
Introduced an option to calculate weighted means. User can choose a method between: none - no weighing done dy2, dy^2 - weights will be taken from objects dy field as $w = 1/dy^2$ dy - weights will be taken from objects dy field as $w = 1/dy$

m-toolbox/classes/@ao/average.m | 31 ++++++-----
1 file changed, 24 insertions(+), 7 deletions(-)

[2013-01-17 16:05:14 +0100][867e1d3] Nikos
Small typo fix

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

[2013-01-17 15:48:29 +0100][49281b6] andreaswittchen
another test.

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

[2013-01-17 15:41:19 +0100][10c6eae] andreaswittchen
It is just a test

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

[2013-01-17 13:29:02 +0100][dd86b5b] Mauro Hueller
Changed to comply with proposed behavior: 1) The behavior of the method depends on the data class. +)
cdata object, with any form of y field, gives cdata object with the same shape of the y field, so to reproduce
Matlab behavior +) xydata object, with any form of y field, gives xydata object with the same shape of the y
field, so to reproduce Matlab behavior +) tsdata object, with real values, gives [(N/2 + 1)x1] objects (the current
behavior) +) tsdata object, with complex values, gives [Nx1] objects (the correct behavior) 2) tsdata object, with
real values, _can_ give [Nx1] objects (the Matlab behavior), if asked by user via a dedicated parameter.

m-toolbox/classes/@ao/fft.m | 9 +++--
m-toolbox/classes/@ao/fft_core.m | 74 ++++++-----
2 files changed, 56 insertions(+), 27 deletions(-)

[2013-01-16 18:34:39 +0100][f2becf6] Nikos
Fixed bug to adda history correctly

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

[2013-01-16 17:50:28 +0100][98780bd] Nikos
Fixed typos

m-toolbox/classes/@ao/mhsample.m | 2 +-
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 14 ++++++-----
2 files changed, 8 insertions(+), 8 deletions(-)

[2013-01-16 16:29:22 +0100][93c3f1d] Nikos
removed the possibility to investigate different frequencies at each experiment. No need for it now

m-toolbox/classes/@ao/preprocessDataForMCMC.m | 31 ++++++-----
1 file changed, 9 insertions(+), 22 deletions(-)

[2013-01-16 16:15:12 +0100][73fadb4] Mauro Hueller
Code simplified

m-toolbox/classes/@ao/fft_core.m | 8 +-----
1 file changed, 1 insertion(+), 7 deletions(-)

[2013-01-16 15:54:29 +0100][4828560] Nikos
Adapted to structural changes, also for the crb function

m-toolbox/classes/@ao/crb.m | 11 ++++++--

1 file changed, 10 insertions(+), 1 deletion(-)

[2013-01-16 10:10:40 +0100][e35aa22] Mauro Hueller
Implement it simply as a wrapper to plist.isequal, as it is currently.

m-toolbox/classes/@plist/eq.m | 496 +-----
1 file changed, 3 insertions(+), 493 deletions(-)

[2013-01-16 10:07:51 +0100][53d62d3] Mauro Hueller
Typo fixed

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

[2013-01-16 09:46:47 +0100][ff96200] Mauro Hueller
Bug fix: use the correct syntax for wrapping.

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

[2013-01-16 08:55:45 +0100][c33d894] Mauro Hueller
Updated to use isequal

m-toolbox/test/test_ao_timeaverage.m | 16 +++++++-----
1 file changed, 8 insertions(+), 8 deletions(-)

[2013-01-15 17:41:28 +0100][76a2e5b] Mauro Hueller
Added a parameter 'weights' so to allow for weighted means. Still to be completed with: +) different weighting strategies +) proper uncertainty calculation (Just a fake commit since I included this by mistake in a previous commit.)

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

[2013-01-15 17:29:00 +0100][4403e53] Mauro Hueller
Fixed help text

m-toolbox/classes/@ao/eq.m | 2 +-
m-toolbox/classes/@ao/ne.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2013-01-15 17:26:53 +0100][703d192] Mauro Hueller
Implement it simply as a wrapper to ltpda.isequal, as it is currently.

m-toolbox/classes/@ao/average.m | 42 +++-
m-toolbox/classes/@ltpda_obj/eq.m | 409 +-----
2 files changed, 42 insertions(+), 409 deletions(-)

[2013-01-15 17:26:02 +0100][42fe977] Mauro Hueller
Overloading ao.eq and ao.ne methods so they output ao with boolean content, as the ao.ge, ao.gt etc methods do.

m-toolbox/classes/@ao/elementOp.m | 2 +-
m-toolbox/classes/@ao/eq.m | 76 ++++++++
m-toolbox/classes/@ao/ne.m | 76 ++++++++
3 files changed, 153 insertions(+), 1 deletion(-)

[2013-01-15 13:02:41 +0100][720a97b] Mauro Hueller
This was not meant to be commented.

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

[2013-01-15 12:47:22 +0100][13b6e27] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltlda/ltlda_src

[2013-01-15 12:45:31 +0100][5d93ae2] Mauro Hueller
Try to cope with the limitation of plus etc operators not being usable as modifier.

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

[2013-01-15 10:52:00 +0100][d3ba4b8] Nikos
Added sanity checks and error messages

m-toolbox/classes/@ao/ao2numMatrices.m | 15 ++++++
m-toolbox/classes/@ssm/loglikelihood.m | 8 +++++-
2 files changed, 16 insertions(+), 7 deletions(-)

[2013-01-15 09:27:38 +0100][0bf359e] Martin Hewitson
copy/paste error.

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

[2013-01-15 09:26:42 +0100][d55a4c3] Martin Hewitson
Actually, use the nice wrapper I made just for this job.

m-toolbox/classes/@ao/iplot.m | 4 +---
1 file changed, 1 insertion(+), 3 deletions(-)

[2013-01-15 09:25:41 +0100][f50d5be] Martin Hewitson
Ensure that we put a nice box around all axes.

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

[2013-01-15 09:13:17 +0100][880d179] Martin Hewitson
A wrapper of ao/sqrt for the matrix class.

m-toolbox/classes/@matrix/sqrt.m | 107 ++++++++
1 file changed, 107 insertions(+)

[2013-01-15 09:12:59 +0100][1880867] Martin Hewitson
help fixed

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

[2013-01-15 09:12:47 +0100][9682a01] Martin Hewitson
More cleanly display and handle the plist options by taking them from ao/iplot and simply passing the input
plists directly on to ao/iplot without first trying to process them.

m-toolbox/classes/@matrix/iplot.m | 37 ++++++-----
1 file changed, 7 insertions(+), 30 deletions(-)

[2013-01-15 09:11:54 +0100][b37a172] Martin Hewitson
Take the plist from the ao/cohere plist so we ensure consistent features between the two.

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

[2013-01-14 18:31:11 +0100][a6c19a0] Nikos
Structural changes.

m-toolbox/classes/@ao/mcmc.m | 79 ++-----
m-toolbox/classes/@ao/mhsample.m | 130 ++++++-----
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 10 +-
3 files changed, 123 insertions(+), 96 deletions(-)

[2013-01-14 17:29:34 +0100][e2ae9b5] Nikos
Forgot to add some lines here

m-toolbox/classes/@ssm/loglikelihood.m | 17 ++++++-----
1 file changed, 15 insertions(+), 2 deletions(-)

[2013-01-14 16:43:36 +0100][fa364eb] Nikos
Made log-likelihood function public, as discussed in the meeting. Probably not a good workaround: slower by
30 secs every 1e3 samples

m-toolbox/classes/+utils/@math/loglikelihood.m | 104 +++-----
m-toolbox/classes/+utils/@math/math.m | 2 +-
m-toolbox/classes/@ssm/loglikelihood.m | 222 ++++++-----
m-toolbox/classes/@ssm/ssm.m | 7 +-
4 files changed, 221 insertions(+), 114 deletions(-)

[2013-01-14 16:38:11 +0100][5266bbc] Nikos
Added small utilities function and adapted to this change

m-toolbox/classes/@ao/ao2numMatrices.m | 150 ++++++-----
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 51 ++-----
2 files changed, 159 insertions(+), 42 deletions(-)

[2013-01-14 11:52:22 +0100][bff6e22] Mauro Hueller
Bug fix: we need to add the history only is caller is not a method

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

[2013-01-14 11:27:50 +0100][88bad4f] Mauro Hueller
Bug fix: the x-units were not included in the assignment of the result units. This solves MANTIS Issue 623.

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

[2013-01-14 11:26:18 +0100][54d8ff7] Mauro Hueller
Use utils.helper.setoutputs to set outputs.

m-toolbox/classes/@ao/integrate.m | 12 ++-----
1 file changed, 2 insertions(+), 10 deletions(-)

[2013-01-13 12:38:00 +0100][b358c58] Mauro Hueller
Introduced a 'win' parameter, so to give the possibility to window the data before the actual fft calculation is performed. Default window is rectangular. This solves MANTIS Issue 620

m-toolbox/classes/@ao/fft.m | 33 ++++++-----
1 file changed, 30 insertions(+), 3 deletions(-)

[2013-01-10 17:12:36 +0100][0df03f1] Mauro Hueller
Show warnings only when using LTPDA as a developer/tester. It is also very likely that people are _not_ keeping their code under version control.

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

[2013-01-10 10:32:17 +0100][7399712] Nikos
Added error message

m-toolbox/classes/+utils/@math/processChain.m | 10 +++++-
1 file changed, 6 insertions(+), 4 deletions(-)

[2013-01-10 09:58:19 +0100][bf2eaab] Nikos
Structural changes concerning processChain

m-toolbox/classes/+utils/@math/math.m | 2 +-
m-toolbox/classes/+utils/@math/processChain.m | 24 +-----
m-toolbox/classes/@ao/mhsample.m | 25 ++++++-----
3 files changed, 26 insertions(+), 25 deletions(-)

[2013-01-10 09:39:16 +0100][557a498] Nikos
Deleted unnecessary code

m-toolbox/classes/+utils/@math/ctmult.m | 4 ---
m-toolbox/classes/+utils/@math/mult.m | 5 +---
2 files changed, 3 insertions(+), 6 deletions(-)

[2013-01-10 09:20:36 +0100][720b1ac] Nikos
small typo fix

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

[2013-01-10 09:16:15 +0100][f00fd50] Nikos
Deleted unnecessary piece of code

m-toolbox/classes/+utils/@math/ymcd.m | 4 ----
1 file changed, 4 deletions(-)

[2013-01-10 08:40:09 +0100][0fa949c] Martin Hewitson
Use our verbosity control to print out the message.

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

[2013-01-09 14:41:00 +0100][8cf8947] Mauro Hueller
Cosmetics

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

[2013-01-09 14:40:20 +0100][778b9f3] Mauro Hueller
Bug fix: the folder name was wrong

m-toolbox/classes/+utils/@helper/uninstallExtensionsForDir.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

[2013-01-09 13:37:32 +0100][b73319f] Martin Hewitson
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltppda/ltppda_src

[2013-01-09 13:37:26 +0100][bf9dcc2] Martin Hewitson
Some unification of the x-axis for time-series. Nicer, in my opinion, so open to discussion.

m-toolbox/classes/@ao/iplot.m | 2 +-
m-toolbox/classes/@ao/iplotyy.m | 2 +-
m-toolbox/classes/@tsdata/plot.m | 2 +-
3 files changed, 3 insertions(+), 3 deletions(-)

[2013-01-09 12:09:44 +0100][0c43619] Nikos
Cosmetics

m-toolbox/classes/+utils/@math/ymcd.m | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

[2013-01-09 10:13:23 +0100][1aba7be] Mauro Hueller
Show warnings only when using LTPDA as a developer/tester. It is also very likely that people are _not_ keeping their code under version control. This solves MANTIS Issue 602

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

[2013-01-09 10:07:07 +0100][a73e7e0] Nikos
Added acceptance rate to the procinfo plist of the pest object

m-toolbox/classes/+utils/@math/math.m | 2 +-
m-toolbox/classes/+utils/@math/processChain.m | 8 ++++----
m-toolbox/classes/@ao/mhsample.m | 3 +--
3 files changed, 6 insertions(+), 7 deletions(-)

[2013-01-09 10:00:02 +0100][9b858bc] Nikos
Small bug fix to avoid error when Nsamples/Fprint ~= integer

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

[2013-01-08 14:31:37 +0100][c1d31c2] Nikos
Fixed small bug, added 'hairness' index calculation.

m-toolbox/classes/+utils/@math/processChain.m | 1 -
m-toolbox/classes/+utils/@math/ymcd.m | 24 ++++++-----
2 files changed, 23 insertions(+), 2 deletions(-)

[2013-01-08 14:29:41 +0100][5b5de94] Martin Hewitson
Bug fix: we need to clear in the base, rather than in the workspace of the function. This fixes MANTIS issue 571.

m-toolbox/m/etc/ltpda_startup.m | 6 ++++--
1 file changed, 4 insertions(+), 2 deletions(-)

[2013-01-02 07:53:21 +0100][c37f97f] Mauro Hueller
Include package information

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

[2013-01-02 07:52:52 +0100][5718be0] Mauro Hueller
Use VCS rather than CVS.

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

[2013-01-02 07:51:57 +0100][915d84f] Mauro Hueller
Removed reference to class which, with the current LTPDA infrastructure, is implicit in the model name

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

[2012-12-19 16:55:18 +0100][a5236bb] Mauro Hueller
Supporting vectors of time objects and timespan objects as xrange definers

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

[2012-12-19 13:08:11 +0100][3bb473d] Nikos
Allowing analysis to a specified array of frequencies

m-toolbox/classes/@ao/crb.m | 14 -----
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 59 ++++++-----
2 files changed, 41 insertions(+), 32 deletions(-)

[2012-12-19 11:53:04 +0100][f228ddb] Nikos
Added a warning there to avoid error throwing and losing all calculations

m-toolbox/classes/+utils/@math/processChain.m | 14 ++++++---
1 file changed, 13 insertions(+), 1 deletion(-)

[2012-12-19 11:14:19 +0100][818a8d1] Mauro Hueller
Rewritten to use time.double. This properly handles vector of time objects as inputs.

m-toolbox/classes/@time/minus.m | 14 ++++++-----
m-toolbox/classes/@time/plus.m | 14 ++++++-----
2 files changed, 14 insertions(+), 14 deletions(-)

[2012-12-19 10:50:55 +0100][4a89bff] Mauro Hueller
Bug fixed. Added plist entry to allow rebuilding

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

[2012-12-19 10:06:40 +0100][9258fba] Mauro Hueller
Declare the plus/minus methods as public

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

[2012-12-19 09:55:26 +0100][3ff560f] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpra/ltpra_src

[2012-12-19 09:39:54 +0100][37c7679] Martin Hewitson
Change this to a warning. It is not strictly necessary (though useful) to have a stable system when making a
bode plot. This answers MANTIS issue 599.

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

[2012-12-19 06:42:54 +0100][092d4ff] Mauro Hueller
Allow modifier behavior

m-toolbox/classes/@timespan/minus.m | 4 ----
m-toolbox/classes/@timespan/plus.m | 4 ----
2 files changed, 8 deletions(-)

[2012-12-19 06:40:39 +0100][b8d5167] Mauro Hueller
Merge branch 'master' of gitmaster.atlas.aei.uni-hannover.de:ltpra/ltpra_src

[2012-12-19 06:40:31 +0100][64b940c] Mauro Hueller
Bug fixed. Introduced a plist entry to allow rebuilding.

m-toolbox/classes/@timespan/minus.m | 2 +-
m-toolbox/classes/@timespan/plus.m | 6 +++---
2 files changed, 4 insertions(+), 4 deletions(-)

[2012-12-18 18:17:47 +0100][6b39ed0] Nikos
Adapt to recent changes

m-toolbox/classes/+utils/@math/fisher.m | 26 ++++++-----
m-toolbox/classes/@ao/mhsample.m | 18 ++++++-----
2 files changed, 25 insertions(+), 19 deletions(-)

[2012-12-18 15:30:43 +0100][1e3d348] Nikos
Bug fix in data preprocessing and setting a fixed size of figure

m-toolbox/classes/@ao/crb.m | 2 +-
m-toolbox/classes/@ao/mhsample.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

[2012-12-17 20:05:52 +0100][9c83a33] Mauro Hueller
Added tow methods plus/minus for timespan class

m-toolbox/classes/@timespan/minus.m | 129 ++++++
m-toolbox/classes/@timespan/plus.m | 129 ++++++
2 files changed, 258 insertions(+)

[2012-12-17 12:18:54 +0100][f24d4bc] Nikos
Bug fixes

m-toolbox/classes/@ao/crb.m | 2 +-
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 10 ++++++---
m-toolbox/classes/@matrix/crb.m | 12 +++++-----
3 files changed, 13 insertions(+), 11 deletions(-)

[2012-12-17 11:59:40 +0100][a6019f5] Nikos
Adapting to recent changes

m-toolbox/classes/@ao/crb.m | 7 +++++--
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 2 +-
m-toolbox/classes/@matrix/crb.m | 20 ++++++-----
3 files changed, 15 insertions(+), 14 deletions(-)

[2012-12-17 10:59:00 +0100][408e386] Nikos
Allowing detection experiments, and a small bug fix

m-toolbox/classes/@ao/preprocessDataForMCMC.m | 16 +++++-----
m-toolbox/classes/@ssm/loglikelihood.m | 2 +-
2 files changed, 5 insertions(+), 13 deletions(-)

[2012-12-17 09:42:51 +0100][ad75ea5] Martin Hewitson

Allow the state of the franklin noise generator to be returned and input.

```
m-toolbox/classes/@ao/ao.m      | 4 ++++
m-toolbox/classes/@ao/fromPzmodel.m | 6 +++++-
2 files changed, 9 insertions(+), 1 deletion(-)
```

[2012-12-17 09:42:25 +0100][d4d715f] Martin Hewitson
Slightly faster implementation.

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

[2012-12-15 06:21:57 +0100][44d67c2] Mauro Hueller
Bug fixed

```
m-toolbox/classes/@timespan/setEndT.m | 2 +-
m-toolbox/classes/@timespan/setStartT.m | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)
```

[2012-12-14 21:30:49 +0100][a405b12] Mauro Hueller
use utils.helper.setoutputs to set the outputs cosmetics

```
m-toolbox/classes/@timespan/setEndT.m | 18 +++++-----
m-toolbox/classes/@timespan/setStartT.m | 18 +++++-----
2 files changed, 10 insertions(+), 26 deletions(-)
```

[2012-12-14 18:14:00 +0100][02d689c] Nikos
Cosmetics, Fixed bugs

```
m-toolbox/classes/+utils/@math/fisher.m      | 31 +++++-----
m-toolbox/classes/+utils/@math/math.m        | 2 +-
m-toolbox/classes/@ao/crb.m                  | 23 +++++-----
m-toolbox/classes/@ao/mcmc.m                  | 7 +----
m-toolbox/classes/@ao/mhsample.m              | 6 +----
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 2 +-
6 files changed, 53 insertions(+), 18 deletions(-)
```

[2012-12-13 17:49:06 +0100][e39aafa] Nikos
Small typo fix

```
m-toolbox/classes/+utils/@math/processChain.m | 19 +++++-----
1 file changed, 10 insertions(+), 9 deletions(-)
```

[2012-12-13 17:45:34 +0100][d034c99] Nikos
Fixed bugs, added some more tests

```
m-toolbox/classes/+utils/@math/getCorr.m      | 8 +-
m-toolbox/classes/+utils/@math/math.m        | 2 +-
m-toolbox/classes/+utils/@math/processChain.m | 37 +++-
m-toolbox/classes/+utils/@math/psre.m         | 116 +++++-----
m-toolbox/classes/@ao/dispersionLoop.m        | 263 +++++-----
5 files changed, 376 insertions(+), 50 deletions(-)
```

[2012-12-13 10:23:53 +0100][cbff0a9] Nikos

Added some functions

```
m-toolbox/classes/+utils/@math/getCorr.m | 34 ++++++++
m-toolbox/classes/+utils/@math/math.m | 5 +-
m-toolbox/classes/+utils/@math/processChain.m | 22 ++++++-
m-toolbox/classes/+utils/@math/psre.m | 64 ++++++
m-toolbox/classes/+utils/@math/ymcd.m | 23 ++++++
5 files changed, 143 insertions(+), 5 deletions(-)
```

[2012-12-10 18:38:15 +0100][ff69919] Martin Hewitson

Two new plist methods to provide access to the property structure of the underlying paramValue objects.

```
m-toolbox/classes/@plist/propertiesForParam.m | 85 ++++++
m-toolbox/classes/@plist/propertyForParam.m | 85 ++++++
2 files changed, 170 insertions(+)
```

[2012-11-30 11:07:17 +0100][6424893] Martin Hewitson

Bug fix: we should check only for the default key.

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

[2012-11-30 10:19:02 +0100][71d8622] Martin Hewitson

Add a bunch of alternative keys.

```
m-toolbox/classes/@ssm/reorganize.m | 10 ++++++
1 file changed, 10 insertions(+)
```

[2012-11-30 10:15:27 +0100][e626575] Martin Hewitson

Two new convenience constructors for making zeros and ones.

```
m-toolbox/classes/@ao/ao.m | 36 ++++++
1 file changed, 36 insertions(+)
```

[2012-11-24 15:19:28 +0100][a67571f] Nikos

Small bug fix. Allow to sample any function.

```
m-toolbox/classes/@ao/crb.m | 2 +-
m-toolbox/classes/@ao/mhsample.m | 36 ++++++
m-toolbox/classes/@matrix/loglikelihood.m | 11 +++++-
m-toolbox/classes/@matrix/matrix.m | 2 +-
m-toolbox/classes/@ssm/loglikelihood.m | 9 +++++-
m-toolbox/classes/@ssm/ssm.m | 2 +-
6 files changed, 31 insertions(+), 31 deletions(-)
```

[2012-11-23 14:54:06 +0100][45e62db] heather

change to the consolidate method: correction to the 'resample all vectors to the same fs' section. Have removed the linspace command and replaced it, the output fs is now as expected.

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

[2012-11-22 19:10:09 +0100][0cfe78b] Nikos
Small bug fixes

m-toolbox/classes/@ao/mhsample.m | 15 ++++++++
1 file changed, 13 insertions(+), 2 deletions(-)

[2012-11-22 19:08:03 +0100][cd55a86] Nikos
More structure changes. Also, started work to allow detection problems.

m-toolbox/classes/+utils/@math/getLoglikelihood.m | 17 +-
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 120 ++++++-----
m-toolbox/classes/@ssm/loglikelihood.m | 2 +-
3 files changed, 84 insertions(+), 55 deletions(-)

[2012-11-22 15:51:37 +0100][d7186c6] Ferran Gibert
Addition of an option to remove remaining offsets after spike/transient

m-toolbox/classes/@ao/spikecleaning.m | 210 ++++++
1 file changed, 201 insertions(+), 9 deletions(-)

[2012-11-21 16:51:21 +0100][d548f4f] Nikos
Added one more key to plist for convenience

m-toolbox/classes/@pest/mcmcPlot.m | 23 ++++++-----
1 file changed, 15 insertions(+), 8 deletions(-)

[2012-11-21 14:55:27 +0100][292f7cc] Nikos
Bug fixes and correcting default keys

m-toolbox/classes/+utils/@math/math.m | 2 +-
m-toolbox/classes/@ao/crb.m | 4 +-
m-toolbox/classes/@ao/mhsample.m | 106 +++++-----
m-toolbox/classes/@ssm/loglikelihood.m | 2 +-
4 files changed, 22 insertions(+), 92 deletions(-)

[2012-11-21 14:54:55 +0100][9633fc5] Nikos
Structure changes

m-toolbox/classes/@ao/mcmc.m | 149 ++++++
1 file changed, 87 insertions(+), 62 deletions(-)

[2012-11-20 17:40:54 +0100][5e17088] Nikos
Cosmetics

m-toolbox/classes/+utils/@math/logDecision.m | 24 +++++-----
1 file changed, 6 insertions(+), 18 deletions(-)

[2012-11-20 17:40:41 +0100][6b7378d] Nikos
Structure changes

m-toolbox/classes/@ao/mhsample.m | 96 ++++++
m-toolbox/classes/@ssm/loglikelihood.m | 4 +-
2 files changed, 54 insertions(+), 46 deletions(-)

[2012-11-20 16:53:30 +0100][0e3089a] Nikos
Some structure modifications.

```
m-toolbox/classes/+utils/@math/Decision.m | 15 +--  
m-toolbox/classes/+utils/@math/cauchy.m | 10 +++  
m-toolbox/classes/+utils/@math/logDecision.m | 76 ++++++++  
m-toolbox/classes/+utils/@math/math.m | 2 +  
m-toolbox/classes/@pest/mcmcPlot.m | 123 ++++++-----  
5 files changed, 176 insertions(+), 50 deletions(-)
```

[2012-11-19 20:05:30 +0100][f87e805] Nikos
Fixed typos and bugs.

```
m-toolbox/classes/+utils/@math/fisher.m | 2 +-  
m-toolbox/classes/+utils/@math/math.m | 3 +-  
m-toolbox/classes/+utils/@math/normalPDF.m | 8 ++  
m-toolbox/classes/@ao/crb.m | 4 +-  
m-toolbox/classes/@ao/mcmc.m | 16 +-  
m-toolbox/classes/@ao/mhsample.m | 192 ++++++-----  
6 files changed, 99 insertions(+), 126 deletions(-)
```

[2012-11-19 17:44:43 +0100][9f7e84c] Nikos
Another typo fix

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

[2012-11-19 17:42:47 +0100][a0ea222] Nikos
Small bug fix

```
m-toolbox/classes/+utils/@math/logLmath.m | 42 +++-----  
1 file changed, 4 insertions(+), 38 deletions(-)
```

[2012-11-19 17:38:54 +0100][d4de72e] Nikos
Forgot to add the diffStepFish function.

```
m-toolbox/classes/+utils/@math/diffStepFish.m | 61 ++++++-----  
m-toolbox/classes/+utils/@math/fisher.m | 2 +-  
m-toolbox/classes/+utils/@math/math.m | 2 +-  
3 files changed, 33 insertions(+), 32 deletions(-)
```

[2012-11-19 17:17:35 +0100][0ef456e] Nikos
Changed ao/matrix/crb and fisher functions to the proposed philosophy. Fixed bugs and added sub-functions.

```
m-toolbox/classes/+utils/@math/ctmult.m | 15 +  
m-toolbox/classes/+utils/@math/fisher.m | 140 ++++++++  
m-toolbox/classes/+utils/@math/getLoglikelihood.m | 2 +-  
m-toolbox/classes/+utils/@math/math.m | 3 +  
m-toolbox/classes/+utils/@math/mult.m | 17 ++  
m-toolbox/classes/@ao/crb.m | 228 +++-----  
m-toolbox/classes/@ao/preprocessDataForMCMC.m | 55 +++-  
m-toolbox/classes/@matrix/crb.m | 343 +++-----  
m-toolbox/classes/@matrix/loglikelihood.m | 50 ++++
```

```
m-toolbox/classes/@matrix/matrix.m | 2 +
m-toolbox/classes/@ssm/loglikelihood.m | 4 -
11 files changed, 358 insertions(+), 501 deletions(-)
```

[2012-11-18 19:07:54 +0100][dd6e0e1] Nikos

Added new matrix/mcmc. It creates a plist and reshapes matrix objects to pass them to ao/mcmc. Also added some utilities functions, fixed bugs and added cosmetics

```
m-toolbox/classes/+utils/@math/getLoglikelihood.m | 2 +-
m-toolbox/classes/+utils/@math/jump.m | 35 ++
m-toolbox/classes/+utils/@math/math.m | 1 +
m-toolbox/classes/@ao/mcmc.m | 12 +-
m-toolbox/classes/@ao/mhsample.m | 41 +-
m-toolbox/classes/@matrix/mcmc.m | 700 ++-----
m-toolbox/classes/@ssm/loglikelihood.m | 2 +-
7 files changed, 125 insertions(+), 668 deletions(-)
```

[2012-11-18 11:50:19 +0100][49ce027] Martin Hewitson

Check for an empty plot style and make one if necessary.

```
m-toolbox/classes/@ltpda_uoh/setPlotAxes.m | 6 ++++++
m-toolbox/classes/@ltpda_uoh/setPlotColor.m | 6 ++++++
m-toolbox/classes/@ltpda_uoh/setPlotLineStyle.m | 6 ++++++
m-toolbox/classes/@ltpda_uoh/setPlotLinewidth.m | 6 ++++++
m-toolbox/classes/@ltpda_uoh/setPlotMarker.m | 6 ++++++
m-toolbox/classes/@ltpda_uoh/setPlotMarkersize.m | 6 ++++++
6 files changed, 36 insertions(+)
```

[2012-11-17 14:42:41 +0100][48c89c5] Miquel Nofrarias

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

[2012-11-17 14:42:28 +0100][b96c03e] Miquel Nofrarias

use the 'samples' counter for the annealing

```
m-toolbox/classes/+utils/@math/mhsample.m | 28 ++++++-----
1 file changed, 14 insertions(+), 14 deletions(-)
```

[2012-11-17 13:30:24 +0100][f76bccf] Nikos

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

[2012-11-17 06:04:00 +0100][3026577] Martin Hewitson

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

[2012-11-17 06:03:45 +0100][7c6de9c] Martin Hewitson

In can be that the plot style is empty, if so create a new one. This can happen because the plot style is actually a java object and it may be that it's not possible to deserialize this from disk when loading a mat file. In retrospect, it was a mistake to store a java object in our mat files. We should make a matlab plot style class to handle this.

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

[2012-11-16 15:17:09 +0100][f2a2737] Miquel Nofrarias

'nacc' is not used as counter for the chain length, using 'samples' instead

m-toolbox/classes/+utils/@math/mhsample.m | 34 ++++++-----
1 file changed, 19 insertions(+), 15 deletions(-)

[2012-11-16 13:55:15 +0100][7a558d6] Martin Hewitson
bump version for continued development

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

[2012-11-16 13:54:55 +0100][7b0dde7] Martin Hewitson
updated doc field

.../html_help/help/funcbycat/helpfuncbycat.xml | 37 ++++++-----
1 file changed, 34 insertions(+), 3 deletions(-)

[2012-11-16 13:22:42 +0100][1af0b21] Ingo Diepholz
Merge remote-tracking branch 'origin/release_2_5_5'

[2012-11-16 13:22:26 +0100][4a150cb] Ingo Diepholz
Update

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

[2012-11-16 13:18:53 +0100][ab93149] Ingo Diepholz
Merge remote-tracking branch 'origin/release_2_5_5'

[2012-11-16 13:18:29 +0100][593b4b1] Ingo Diepholz
Update release notes

.../help/ug/releasenotesV2_5_5_content.html | 777 ++++++-----
1 file changed, 771 insertions(+), 6 deletions(-)

[2012-11-16 13:17:25 +0100][0937089] Ingo Diepholz
Add images for the release notes

m-toolbox/html_help/help/ug/images/release255_1.png | Bin 0 -> 96435 bytes
m-toolbox/html_help/help/ug/images/release255_10.png | Bin 0 -> 94158 bytes
m-toolbox/html_help/help/ug/images/release255_11.png | Bin 0 -> 87478 bytes
m-toolbox/html_help/help/ug/images/release255_12.png | Bin 0 -> 267030 bytes
m-toolbox/html_help/help/ug/images/release255_13.png | Bin 0 -> 95241 bytes
m-toolbox/html_help/help/ug/images/release255_14.png | Bin 0 -> 129061 bytes
m-toolbox/html_help/help/ug/images/release255_15.png | Bin 0 -> 155258 bytes
m-toolbox/html_help/help/ug/images/release255_16.png | Bin 0 -> 89906 bytes
m-toolbox/html_help/help/ug/images/release255_17.png | Bin 0 -> 169670 bytes
m-toolbox/html_help/help/ug/images/release255_18.png | Bin 0 -> 99360 bytes
m-toolbox/html_help/help/ug/images/release255_19.png | Bin 0 -> 190971 bytes
m-toolbox/html_help/help/ug/images/release255_2.png | Bin 0 -> 77770 bytes
m-toolbox/html_help/help/ug/images/release255_3.png | Bin 0 -> 99254 bytes
m-toolbox/html_help/help/ug/images/release255_4.png | Bin 0 -> 87277 bytes
m-toolbox/html_help/help/ug/images/release255_5.png | Bin 0 -> 65766 bytes

m-toolbox/html_help/help/ug/images/release255_6.png | Bin 0 -> 111220 bytes
m-toolbox/html_help/help/ug/images/release255_7.png | Bin 0 -> 145704 bytes
m-toolbox/html_help/help/ug/images/release255_8.png | Bin 0 -> 91092 bytes
m-toolbox/html_help/help/ug/images/release255_9.png | Bin 0 -> 93087 bytes
19 files changed, 0 insertions(+), 0 deletions(-)

[2012-11-16 12:36:31 +0100][1252fed] Miquel Nofrarias
changed the computation of the acceptance ratio in the display of mcmc

m-toolbox/classes/+utils/@math/mhsample.m | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)