

Change Log for LTPDA Toolbox v2.1rc2

M Hewitson 28-08-09

Introduction

This version of LTPDA is the second release candidate for V2.1. This document lists the changes since V2.0.1.

New toolbox features

Version 2.1 of LTPDA has various new features.

- 1) Analysis Objects have two new properties, **dx** and **dy**, for storing errors/uncertainties on the **x** and **y** data vectors. Currently, the spectral estimation tools (**psd**, **cohere**, etc) are calculating sample variances and assigning the values to **dy**. In this release, errors are not properly propagated through all additional functions; this is sometimes left to the user to handle. In a future release, the aim is to properly handle error propagation in all functions, where possible. Often this will mean deleting these vectors, or calculating new errors based on the input AOs.
- 2) All user objects now have the following new fields:
 - 1) description: a string that can be assigned to describe the object
 - 2) procinfo: a **plist** containing additional information produced during processing by an algorithm. The contents of the **plist** depend on the algorithm being applied.
- 3) Documentation (**>> help method**) has been significantly simplified. Now the details of the parameters for configuring a method are dynamically created and presented to the user in the MATLAB help browser after clicking on the 'Parameter Sets' link in the help text.
- 4) New user classes:
 - 1) **smodel**: defines parametric models of an X variable which can be combined and evaluated to AOs.
 - 2) **matrix**: a container class which can be used to group together other user objects and perform some basic matrix operations on the group of objects, not necessarily on the data in the objects.
 - 3) **filterbank**: represents a bank of digital filters. It can be either a 'parallel' or 'serial' filter bank.
- 5) All user classes now support built-in models.
- 6) LTPDA now provides direct access to NDS (version 1) servers using the AO constructor 'From NDS Server'. This requires the (3rd party) NDS client mex files to be available on the MATLAB path.
- 7) The repository GUI has had a make-over and has additional functionality to execute 'high-level' queries.

New Workbench features

Apart from various cosmetic improvements, the workbench has the following new features:

- 1) The workbench now has a 'recent files' list under the File menu
- 2) The workbench now has the concept of an 'Execution plan'. Any or all of the pipelines in the workbench can be entered in the execution plan. The full plan can then be executed in the order given. To edit the plan: File->Plan->Edit. To run the plan: File->Plan->Run.
- 3) New block types:
 - 1) 'From Pipeline' block allows the user to link together pipelines in the current workbench. Double clicking the 'From Pipeline' block allows the user to select the source to be from the output of any block on any other pipeline in the workbench. This goes along with the new 'Plan' concept.
 - 2) Mux/Demux blocks allow objects to be put in to, or removed from, arrays.
 - 3) 'To Workspace' block pushes the objects to the MATLAB workspace.
- 4) A graphical representation of the current pipeline can be exported as a JPEG image.
- 5) The workbench has a new panel called the 'Shelf'. Users can store subsystems on the shelf and pull them off anytime in the future to include them in a different pipeline. The Shelf supports nested categories, exporting and importing of categories, and adding of subsystems from the canvas or from the shelf context menus.
- 6) The pipelines of the current workbench are now shown in a tree-like structure, where the subsystems of each pipeline can also be seen.
- 7) The block-property table has been re-coded to more nicely present the options to the user.
- 8) The parameter list table now supports:
 - 1) activating and deactivating individual parameters
 - 2) double-click in-place editing of the key and value
 - 3) selection of parameters with options via drop-down menus
 - 4) selection of boolean parameters via check-boxes
 - 5) editing of parameter values in special editors via the edit button ('...')
 - 6) changing the type of a parameter (double/char/boolean) via the context menu
- 9) The workbench has the following new block button commands:
 - 1)  saves the outputs of selected objects to disk.
 - 2)  displays the data of the selected objects in tables.
 - 3)  present a report on the selected objects.
- 10) New menu entries for
 - 1) show quickblock (ctrl-b)
 - 2) edit canvas info (ctrl-i)
 - 3) search workbench (ctrl-f)
- 11) The element searching now has new features, like the ability to choose whether to search for block names, algorithms, or both. Info about the block **plist** is now shown as a tooltip on the results table, and double clicking a result highlights that block in the workbench.
- 12) The workbench now supports plain text documents.
- 13) The workbench output files have seen some optimisation and are much smaller than in earlier versions.
- 14) A new special editor for keys: 'xunit', 'xunits', 'yunit', 'yunits', 'unit'.

- 1) A new special editor for assembling a list of colors that can, for example, be passed to **ipplot**. So far this will activate for any parameter with key 'colors' or 'linecolors'.
- 2) A new special editor for a cell-array of line-styles, like that used in configuring **ipplot**.
- 3) A new special editor for building a list of markers. Activated for key 'markers'.
- 4) A new special editor for the key 'plotinfo'. Allows to edit the line style, line width, color and marker for AOs.
- 5) The workbench can now be attached to any or all output objects from all blocks on a pipeline. The workbench can then be loaded from the object, whether it's on disk or in the MATLAB workspace. To attach the workbench to an object, select the block and set the property 'Attach Workbench' in the property table. To import a pipeline from an existing object, 'File->Import Pipelines->From LTPDA Object...'.
- 6) Blocks can be 'Commented Out' (deactivated) on the pipeline. These 'commented out' blocks will not be considered during pipeline execution.
- 7) The workbench now supports some direct interaction with an LTPDA Repository, avoiding the need to go through the repository GUI. For example, it is possible to:
 - 1) (dis-)connect to a repository via the (dis-)connect () button(s)
 - 2) To submit the output of the selected blocks to the repository (pipeline must have been executed first) using the submit () button
 - 3) Query a repository using the query button (). Results of the query can be used to automatically build constructor blocks on the current pipeline.
- 8) The workbench now has an autosave feature. This can be activated in the preferences ('File->Preferences...') and the interval can be set.

New AO methods

- 1) **ao/table**: display the data in the AO in a graphical table.
- 2) **ao/normdist**: computes a normal distributed pdf based on the mean and variance of the data in the AO.
- 3) **ao/corr**: computes the sample correlation matrix using Pearson's product-moment method.
- 4) **ao/linSubtract**: subtract linear contributions to a data set.
- 5) **ao/filtSubtract**: subtracts a frequency dependent noise contribution from an input ao.
- 6) **ao/hypot**: robust computation of square-root of the sum of the squares.
- 7) **ao/xfit**: fits a function of x to a data set using simplex non-linear fitting routine.
- 8) **ao/tdfit**: fits a model to a set of input and output data. The parametric model (**smodel**) should represent the system(s) which gives the outputs for the given inputs.

Deprecated AO methods

- 1) **ao/curvefit**: has been replaced by **ao/xfit** and as such will no longer be maintained.
- 2) **ao/pwelch**: is still deprecated. Use **ao/psd** instead.

Main Changes

- 1) All user-created objects now have a Universal Unique Identifier (UUID) which is reset whenever the object is modified (a history step is added).
- 2) Cross-spectral estimators (**ltfe**, **cohere**, etc) now only accept two inputs and return a single output.
- 3) **ao/lscov** now returns a vector of AOs, each containing a single parameter, with units and errors.
- 4) The statespace modelling class has been heavily rewritten and as such behaves differently than in previous versions. Review the LTPDA documentation for the new behaviour of this class.
- 5) On Windows, Microsoft's Visual C++ compiler version 2008 is used to compile the mex files. That means that the appropriate runtime environment must be installed. The installation files for 32-bit (**vcredist_x86.exe**) and 64-bit (**vcredist_x64.exe**) are included in the ltpda/src directory.
- 6) updated versions of **fft** and **ifft**.
 - 1) **fft**:
 - 1) added 'plain' option which output the standard matlab **fft** results. Available parameters are now 'type' = 'plain', 'one' (onesided), 'two' (twosided)
 - 2) frequency bins now are correctly calculated
 - 2) **ifft**
 - 1) option twosided is no more necessary, the algorithm now is capable to distinguish between 'plain' fft, twosided fft, onesided fft with odd nfft or onesided fft with even nfft
- 7) **ao/iplot** now supports the **plotinfo** field of an AO. This means that each AO can be given specific plotting attributes. The **plotinfo** field can be set using **ao/setPlotinfo**. It is a parameter list of properties and values; see help of **ao/iplot** for supported properties. The values in **plotinfo** override all other inputs to **iplot** for that particular AO.

Details changes since v2.0.1

2009-08-10 14:36 hewitson

* makeToolbox.m: Change to version 2.1

2009-08-10 13:50 ingo

* classes/@ltpda_uoh/setPlotinfo.m: bug fix: collect ltpda_uoh objects.

2009-08-10 13:13 nicola

* classes/@repogui/cb_get_dbs.m: Typo.

2009-08-10 13:12 nicola

* classes/+utils/@mysql/connect.m: Now using the new login window.

2009-08-10 13:02 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_report.m: Added support for the new report button.

2009-08-10 13:01 hewitson

* jar/MPipeline.jar: update jar file

2009-08-10 12:43 miquel

* classes/@ao/filtSubtract.m: filtSubtract adds units according to the new zDomainFit output. It would be better to set the units of the filters in zDomainFit but I didn't find a general way to do it.

2009-08-10 12:19 nicola

* classes/@ao/iplot.m: Bug fix.

2009-08-10 12:09 hewitson

* classes/@timespan/fromTimespanDef.m: Bug fixes to handle the new default plist properly and to use setProperties properly.

2009-08-10 11:16 hewitson

* classes/@ao/elementOp.m: Now supports vector input:

$r = \text{minus}([a1 \ a2]) == a1 - a2$

2009-08-10 10:55 hewitson

* classes/@ao/setXunits.m: If you try to set xunits on a cdata object, you get a warning (and nothing happens), rather than an error.

2009-08-10 10:55 hewitson

* classes/@matrix/: det.m, elementOp.m, minus.m, plus.m, rdivide.m, times.m: Some recoding to make the history work properly. Also some bug fixes.

2009-08-10 10:38 nicola

* classes/@ltpda_uoh/report.m: There's no 'mfile' property anymore.

2009-08-10 02:49 nicola

* classes/+utils/@math/randelement.m: Fixed to enable call
utils.math.randelement({num},1) .

2009-08-09 22:46 mauro

* classes/@ao/lincom.m: - Added support for cdata aos input - Added
support for 'coeffs' param to be a vector of numbers, not only
aos - Existing UTPs pass

2009-08-09 19:40 ingo

* classes/@matrix/setObjs.m: Change the description of the
parameter 'objs'

2009-08-09 19:39 ingo

* classes/@matrix/: ctranspose.m, transpose.m: The transpose method
transpose the position of the inner objects. The ctranspose
method calls the transpose method because the elements of the
matrix can not be complex.

2009-08-09 18:32 luigi

* classes/@ao/sDomainFit.m: help updated

2009-08-09 16:51 ingo

* classes/@matrix/index.m: This index method overloads the index
method of ltpdas_uoh. This method doesn't index to the input
object it indexes the inner objects and it doesn't apply history.

2009-08-09 16:12 ingo

* classes/@parfrac/parfrac.m: small changes in a comment.

2009-08-09 16:12 ingo

* classes/@matrix/: fromInput.m, matrix.m: some modification of the
matrix class

2009-08-09 14:05 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-08-09 13:09 hewitson

- * classes/@ao/bin_data.m: Bug fixes: 1) history was wrong because setX was called without internal switch 2) added if any() to avoid divide by zero warnings which happend when mean([])

2009-08-09 08:13 hewitson

- * classes/@ao/: ao.m, fixAxisData.m, max.m, mean.m, median.m, min.m, mode.m, std.m, sum.m, var.m: Factored the code for choosing the axis data type out in to a private method. Avoid copy and paste.

2009-08-09 07:39 hewitson

- * classes/@ao/sum.m: Converted to the new x,y,xy rules.

2009-08-09 04:12 nicola

- * classes/@ao/ao.m: Removed the duplicated 'parameter sets' link.

2009-08-09 04:07 nicola

- * classes/: @ao/cov.m, @ao/linSubtract.m, @ao/whiten2D.m, @ltpda_filter/resp.m, @ltpda_uo/setMdlfile.m, @ltpda_uoh/csvexport.m, @ltpda_uoh/setPlotinfo.m, @ltpda_uoh/setProcinfo.m, @ltpda_uoh/setProperties.m, @ltpda_uoh/type.m, @smodel/simplify.m: Now all html 'parameter sets' calls are correct. (An automated procedure checked all the methods and fixed these).

2009-08-08 19:07 hewitson

- * classes/@smodel/smodel.m: Add 'from repository' set.

2009-08-08 19:07 hewitson

- * classes/+utils/@prog/rstruct.m: Bug fix. We had a problem with using rstruct on an smodel because the msym field couldn't be properly serialised since it is an object but not an ltpda_obj.

2009-08-08 18:21 luigi

- * test/test_ao_filter_matrix.m: test filtering with matrix objects

2009-08-08 18:19 luigi

- * classes/@ao/filter.m: added the possibility ti filter with a

matrix containing a filter or a filterbank

2009-08-08 17:53 hewitson

- * classes/@filterbank/: filterbank.m, fromStruct.m, update_struct.m: Added missing struct handling code.

2009-08-08 16:38 hewitson

- * classes/@filterbank/filterbank.m: Added various missing constructors.

2009-08-08 16:38 hewitson

- * classes/@matrix/matrix.m: Fixed bugs introduced by adding a two argument constructor.

2009-08-08 16:09 hewitson

- * classes/@matrix/matrix.m: Added repository handling.

2009-08-08 16:04 hewitson

- * classes/@matrix/matrix.m: bug fix: the matrix(plist(filename)) constructor was missing.

2009-08-08 16:01 hewitson

- * classes/@matrix/matrix.m: bug fix in constructor matrix(ltpda_uoh) - the default plist was not the same as when doing matrix(obj1,obj2)

2009-08-08 15:41 hewitson

- * classes/@matrix/matrix.m: Bug fix in the default plist.

2009-08-07 20:24 ingo

- * classes/@filterbank/addFilters.m: Some modification: 1. add History 2. add 'internal' switch 3. uses input plists

2009-08-07 19:45 ingo

- * classes/@ao/: max.m, mean.m, median.m, min.m, mode.m, std.m, var.m: If the user asks only for the 'x' or 'y' value then is the result a cdata object otherwise it is a xydata object.

2009-08-07 19:43 ingo

* classes/@ao/: applymethod.m, fromVals.m, fromXYVals.m, lincom.m, split.m: Add the plist to the history which produced the new data. This means it is the combination of the input plist and the default plist.

2009-08-07 19:42 ingo

* classes/@ltpda_uoh/addHistory.m: Sets a new UUID to the object and stores the 'old' UUID in the history.

2009-08-07 19:41 ingo

* classes/@history/history.m: Add a new field 'UUID' which holds the UUID of the object which has changed.

2009-08-07 18:49 anneke

* classes/@ao/dopplercorr.m: default parameter for bin size

2009-08-07 18:37 ingo

* classes/@ao/mlpsd_mex.m: bug fix:

2009-08-07 17:42 mauro

* classes/@ao/bin_data.m: Added check on ao data type (works only with data2D)

2009-08-07 17:21 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-08-07 17:14 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-08-07 17:10 adrien

* classes/@ssm/simulate.m: now this works with the good implementation

2009-08-07 17:09 adrien

* classes/@ssm/ssmFromDescription.m: Forgot "description" I will use setProperties when I have more setter functions

2009-08-07 16:49 miquel

* classes/@ao/mltfe.m: variance field is not used anymore. For ltf and lcohere, when num. averages is 1, we set dy field to Inf

2009-08-07 16:48 miquel

* classes/@ao/lxspec.m: variance field is not used anymore

2009-08-07 15:14 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-08-07 14:46 adrien

* classes/@ssm/ssm.m: small addition to help header, constructor mostly rewritten to be clearer (some redundant codes were deleted), and the set "from rational" was added

2009-08-07 14:44 adrien

* classes/@ssm/addParameters.m: the plists were combined but not applied onto the object!

2009-08-07 14:44 adrien

* classes/@ssm/simulate.m: The width of the constant vector must be one, otherwise it crashes

2009-08-07 14:44 adrien

* classes/@ssm/ssmFromBuiltinSystem.m: name and description can be user set

2009-08-07 14:43 adrien

* classes/@ssm/ssmFromDescription.m: The setPorpoerties call did not work since I have no public setter for my fields right now.

2009-08-07 14:40 adrien

* classes/@ssm/: ssmFromMiir.m, ssmFromParfrac.m, ssmFromPzmodel.m, ssmFromRational.m, ssmFromss.m: changes to set the name and description with a user input

2009-08-07 14:39 ingo

* classes/@ao/: extractm.m, extractmdl.m: We don't need this methods any more because I removed the fields 'mfile',

'mfilename' and 'mdlfilename' in the AO class. There is only one field left 'mdlfile' I you want to attach a model to the object. The setter method is setMdlfile.

2009-08-07 14:33 ingo

* classes/@ao/: attachm.m, attachmdl.m: We don't need this methods any more because I removed the fields 'mfile', 'mfilename' and 'mdlfilename' in the AO class. There is only one field left 'mdlfile' I you want to attach a model to the object. The setter method is setMdlfile.

2009-08-07 14:19 hewitson

* classes/@ao/: transpose.m, uminus.m: Fixed outputs.

2009-08-07 13:58 ingo

* classes/@ltpda_uoh/addHistory.m: 1. remove from the history plist all descriptions of the parameters. 2. remove from the history plist all options.

2009-08-07 13:49 luigi

* test/test_ifft.m: test updated

2009-08-07 13:49 luigi

* classes/@ao/fftfilt.m: fftfilt method updated and revise - can now work with miir, mfir, smodel, parfrac, pzmodel, rational and ao

utp for fftfilt - still not test smodel and ao as filters

2009-08-07 12:40 hewitson

* classes/@ao/ln.m: Bug fix for list of outputs.

The joys of generic tests - ensuring a uniform behaviour :)

2009-08-07 12:35 hewitson

* classes/@ao/linSubtract.m: added missing ;

2009-08-07 12:04 hewitson

* classes/@ao/find.m: Bug fix in parameter call.

2009-08-07 10:57 miquel

* classes/@ao/metropolis1D.m: bug fix and some checks added

2009-08-07 10:11 hewitson

* classes/: @filterbank/filterbank.m, @matrix/matrix.m, @parfrac/parfrac.m, @timespan/timespan.m, @ao/ao.m, @mfir/mfir.m, @miir/miir.m, @plist/plist.m, @pzmodel/pzmodel.m, @rational/rational.m, @smodel/smodel.m, @ssm/ssm.m: The never ending battle to rid the world of copy-paste coding methods.

We now have plist factory methods for standard plists. These are now used in the default plists of all user classes.

E.g. plist.FROM_XML_FILE

2009-08-07 09:18 hewitson

* classes/@ltpda_uo/: bsubmit.m, submit.m, update.m: We no longer submit meta-data about mfilename and mdlfilename since these fields have been deleted.

2009-08-07 09:06 hewitson

* classes/: +utils/@helper/xmlwrite.m, +utils/@helper/xmlread.m, @ltpda_obj/eq.m, @plist/eq.m: This bug fix never got committed yesterday, it seems.

2009-08-07 09:05 hewitson

* classes/@ao/mean.m: I believe it makes no sense to offer options about which axis to make the mean of since we must end up with x and y vectors of the same length, so we must always make the mean of x and y. Or we always return a cdata containing the mean of the selected axis.

For now I make xy the default and make an empty plist so the user can't choose.

2009-08-06 23:55 luigi

* classes/@ao/sDomainFit.m, test/test_ao_sDomainFit_1.m, test/test_ao_sDomainFit_2.m: ao/sDomainFit is changed to output a matrix of parfrac objects. If a single input is provided then the output is a matrix with a single parfrac. If more than one ao is input then the output is a matrix containing as many parfracs as the number of input aos. this is the only way I found to let

rebuild works fine with such a method.

updated test scripts utp updated

2009-08-06 23:06 luigi

* classes/@ao/zDomainFit.m: updated

2009-08-06 23:05 luigi

* classes/@filterbank/filterbank.m: Moved filters and type properties to protected (read only) as originally was. It was my mistake to move them to public

2009-08-06 20:26 ingo

* classes/@ao/ao.m: remove prototype of the method: setProcinfo

2009-08-06 20:19 ingo

* classes/@ao/display.m: Adapt the display method to the removed fields

2009-08-06 20:19 ingo

* classes/: @ao/copy.m, @filterbank/copy.m, @mfir/copy.m, @miir/copy.m, @parfrac/copy.m, @plist/copy.m, @pzmodel/copy.m, @smodel/copy.m, @ssm/copy.m, @timespan/copy.m, @rational/copy.m, @matrix/copy.m: add the new fields to the copy method

2009-08-06 20:18 ingo

* classes/@ltpda_uoh/: ltpda_uoh.m, setPlotinfo.m, setProcinfo.m: Add the fields 'procinfo' and 'plotinfo' with the setter methods

2009-08-06 20:17 ingo

* classes/@ltpda_uo/: ltpda_uo.m, setMdlfile.m: Add the field 'mdlfile' with the setter method

2009-08-06 20:15 ingo

* classes/@ao/: ao.m, setMdlfile.m, setPlotinfo.m: remove the fields 'mdlfilename' 'mfilename' 'mfile' and moved 'plotinfo' and 'procinfo' to the class ltpda_uoh and 'mdlfile' to the class ltpda_uo

2009-08-06 19:07 miquel

- * classes/@ao/metropolis2D.m: added check for if method is used as a modifier corrected error message

2009-08-06 18:51 hewitson

- * classes/@ao/ao.m: Added new pzmodel constructors to allow more uniform behaviour with other classes.

2009-08-06 18:16 miquel

- * classes/@ao/metropolis2D.m: added some checks adds history now

2009-08-06 18:12 luigi

- * classes/@ao/zDomainFit.m: fit with direct term is not well defined and unnecessary - it is no longer supported

2009-08-06 17:14 luigi

- * test/: test_ao_zDomainFit_1.m, test_ao_zDomainFit_2.m: ao/zDomainFit test updated

2009-08-06 17:14 luigi

- * classes/@ao/zDomainFit.m: ao/zDomainFit is changed to output a matrix of filterbanks parallel miir filters. If a single input is provided then the output is a matrix with a single filterbank. If more than an ao is input then the output is a matrix containing as many filterbanks as the number of input aos. this is the only way I found to let rebuild works fine with such a method. NOTE: This method will work only after the procinfo property will be added to the filterbank class

2009-08-06 15:42 adrien

- * classes/@ssm/: addParameters.m, keepParameters.m, setParameters.m: modified header. One bug is corrected in setParameters, where the value itself was a plist (old class structure).

2009-08-06 15:00 mauro

- * classes/@ao/bin_data.m: A method to 'bin' 2D data. Supports log-scale and linear (not yet implemented) base

2009-08-06 14:56 adrien

* classes/@ssm/ssm.m: updated plist for the description constructor

2009-08-06 14:52 adrien

* classes/@ssm/assemble.m: then we can do it like this

2009-08-06 14:52 hewitson

* classes/@ssm/ssm.m: further fixing for the pzmodel+plist constructor

2009-08-06 14:50 miquel

* classes/@ssmodel/subs.m: bug fix in default plist

2009-08-06 14:43 hewitson

* classes/@ssm/ssm.m: Bug fix: we have to pass the plist to ssmFromPzmodel, not the pzmodel object.

2009-08-06 12:00 hewitson

* classes/@ssm/ssm.m: allow construction of an ssm with a plist containing a pzmodel:

```
ssm(plist('pzmodel', pzmodel))
```

2009-08-06 11:59 hewitson

* classes/@ssm/ssmFromPzmodel.m: Bug fix: this was calling for the wrong parameter set.

2009-08-06 11:57 miquel

* classes/+utils/@math/vdfit.m: small reformatting of error message

2009-08-06 11:44 miquel

* classes/@ao/filtSubtract.m: filtSubtract accepts only two input aos corrected default plist

2009-08-06 11:19 miquel

* classes/@ao/linSubtract.m: corrected typo

2009-08-06 11:19 miquel

* classes/@ao/zDomainFit.m: corrected default plist according to

values used in the code

2009-08-06 11:12 miquel

- * test/test_ao_FiltSubtract.m, test/test_ao_filtSubtract.m, classes/@ao/FiltSubtract.m, classes/@ao/filtSubtract.m: method name start with lower-case letter

2009-08-06 11:04 miquel

- * test/: test_ao_LinSubtract.m, test_ao_linSubtract.m: method name start with lower-case letter

2009-08-06 10:53 hewitson

- * classes/@ssm/: setName.m, setDescription.m: This is inherited from ltpda_uo

2009-08-06 10:50 miquel

- * classes/@ao/: linSubtract.m, LinSubtract.m: method name start with lower-case letter

2009-08-06 10:31 hewitson

- * classes/@LTPDAworkbench/lib.mat: update library

2009-08-06 10:21 hewitson

- * classes/@ssm/subsParameters.m: changes to header, input handling and default plist.

2009-08-06 10:20 hewitson

- * classes/@ssm/assemble.m: Set to have a minimum of two inputs, and can't be a modifier.

2009-08-06 10:19 miquel

- * test/: test_ao_FiltSubtract.m, test_ao_lFiltSubtract.m: replacing test files

2009-08-06 10:18 hewitson

- * classes/@ssm/: ssm2pzmodel.m, ssm2rational.m, ssm2ss.m: changes to header, input handling and default plist.

2009-08-06 10:15 miquel

* classes/@ao/FiltSubtract.m: replacement for IFiltSubtract

2009-08-06 10:14 miquel

* classes/@ao/IFiltSubtract.m: deleted to renamed it

2009-08-06 10:14 hewitson

* classes/@ssm/: ssm2dot.m, ssm2miir.m: changes to header, input handling and default plist.

2009-08-06 10:10 miquel

* classes/@ao/zDomainFit.m: throw errors if parameters are not set to one of the available options

2009-08-06 10:09 hewitson

* classes/@ssm/ssm.m: Changes to help header and reformatted the default plists to the new standard.

2009-08-06 10:09 hewitson

* classes/@ssm/ssmFromDescription.m: Now uses setProperties, but this needs to be checked.

2009-08-06 10:08 miquel

* classes/@ao/LinSubtract.m: throw errors if required parameters are not set

2009-08-06 09:16 hewitson

* classes/@ssm/sMinReal.m: changes to help header

2009-08-06 09:14 hewitson

* classes/@ssm/simulate.m: changes to help header, input handling and default plist.

2009-08-06 09:05 hewitson

* classes/@ssm/: setPortUnits.m, simplify.m: changes to help header, input handling and default plist.

2009-08-06 08:55 hewitson

- * classes/@ssm/: setPortDescriptions.m, setPortNames.m: changes to help header, input handling and default plist.

2009-08-06 08:52 hewitson

- * classes/@ssm/setParams.m: changes to help header, input handling and default plist.

2009-08-06 08:47 hewitson

- * classes/@ssm/setParameters.m: changes to help header, input handling, error messages, and default plist.

2009-08-06 08:42 hewitson

- * classes/@ssm/: setDescription.m, setName.m: Changes to help header, input handling and default plist.

2009-08-06 08:40 hewitson

- * classes/@ssm/setBlockNames.m: Added VERSION to the help header.

2009-08-06 08:40 hewitson

- * classes/@ssm/setBlockDescriptions.m: Changes to help header.

2009-08-06 08:38 hewitson

- * classes/@ssm/resp.m: 1) modified the help header 2) added more descriptive error messages 3) made a specific default plist with decent (and hopefully, correct) descriptions.

2009-08-06 08:29 hewitson

- * classes/@ssm/modifTimeStep.m: 1) changes to help header 2) changed handling of input numeric value (more efficient) 3) changed default timestep to empty double since we can't assume a generally useful default here

2009-08-06 08:24 hewitson

- * classes/@ssm/keepParameters.m: Modified help header and description in default plist.

2009-08-06 08:21 hewitson

- * classes/@ssm/kalman.m: 1) changes to help header 2) commented-out all unused variables 3) better descriptions in the default plist

2009-08-06 08:20 hewitson

- * classes/@ssm/isStable.m: Small changes to help header.

2009-08-06 08:12 hewitson

- * classes/@ssm/getParams.m: Changes to help header and default plist.

2009-08-05 21:08 hewitson

- * classes/@ssm/getParameters.m: Added version tag to the help header and added a more descriptive description to the plist.

2009-08-05 20:25 hewitson

- * classes/@ssm/findParameters.m: Added the version to the help header and changed the category to output.

2009-08-05 20:24 hewitson

- * classes/@ssm/: dotview.m, double.m: Cleaned up the help header and fixed up the default plist.

2009-08-05 20:18 hewitson

- * classes/@ssm/doSimplify.m: It's relatively expensive to collect input variable names, so don't do it if they are not needed.

2009-08-05 20:15 hewitson

- * classes/@ssm/: char.m, copy.m, display.m: Cleaned up the help header and added the version string.

2009-08-05 20:12 hewitson

- * classes/@ssm/buildParamPlist.m: This is a static method so it doesn't need the getInfo stuff.

2009-08-05 20:07 hewitson

- * classes/@ssm/bode.m: Fits better in a signal processing category, I think.

2009-08-05 20:04 hewitson

- * classes/@ssm/assemble.m: Fixed the history adding (again).

2009-08-05 20:03 hewitson

* classes/@ssm/addParameters.m: Fixed the input handling (again).

2009-08-05 18:51 ingo

* classes/@matrix/matrix.m: Add two sets: 'from xml' and 'from mat'

2009-08-05 18:51 ingo

* classes/@matrix/: fromStruct.m, update_struct.m: Add new methods

2009-08-05 18:27 luigi

* classes/@ao/noisegen1D.m: changed procinfo assignement in order to be consistent with filter

2009-08-05 18:00 adrien

* classes/@ssm/kalman.m: Bug : wrong variables and indexing corrected

2009-08-05 17:57 hewitson

* jar/MPipeline.jar: updated jar file.

2009-08-05 17:57 hewitson

* classes/@LTPDAworkbench/lib.mat: updated library

2009-08-05 17:43 adrien

* classes/: @ssm/setParams.m, @ssm/blockMatFillDiag.m, @ssm/blockMatFusion.m, @ssm/blockMatMult.m, @ssm/blockMatPrune.m, @ssm/buildParamPlist.m, @ssm/doSimplify.m, @ssm/dotview.m, @ssm/double.m, @ssm/findParameters.m, @ssm/isStable.m, @ssm/kalman.m, @ssm/resp.m, @ssm/sMinReal.m, @ssm/setBlockDescriptions.m, @ssm/setBlockNames.m, @ssm/setDescription.m, @ssm/setName.m, @ssm/setParameters.m, @ssm/setPortNames.m, @ssm/setPortUnits.m, @ssm/ssm.m, @ssm/ssm2dot.m, @ssm/ssm2miir.m, @ssm/ssm2pzmodel.m, @ssm/ssm2rational.m, @ssm/ssmFromMiir.m, @ssm/ssmFromParfrac.m, @ssm/ssmFromRational.m, @ssm/ssmFromss.m, @ssm/update_struct.m, @ssm/validate.m, @ssm/addParameters.m, @ssm/assemble.m, @ssm/blockMatAdd.m, @ssm/blockMatRecut.m, @ssm/char.m, @ssm/fromStruct.m, @ssm/getParameters.m, @ssm/getParams.m, @ssm/keepParameters.m, @ssm/loadobj.m, @ssm/modifTimeStep.m,

@ssm/setPortDescriptions.m, @ssm/simplify.m, @ssm/simulate.m,
@ssm/ssmFromBuiltinSystem.m, @ssm/ssmFromDescription.m,
@ssm/ssmFromPzmodel.m, @ssmblock/addPorts.m, @ssmblock/char.m,
@ssmblock/combine.m, @ssmblock/containsPort.m, @ssmblock/copy.m,
@ssmblock/display.m, @ssmblock/fromStruct.m,
@ssmblock/getPorts.m, @ssmblock/getPortsAtIndices.m,
@ssmblock/getPortsWithName.m, @ssmblock/makePortIndex.m,
@ssmblock/setName.m, @ssmblock/ssmblock.m, @ssmblock/string.m,
@ssmblock/update_struct.m, @ssmport/char.m, @ssmport/copy.m,
@ssmport/display.m, @ssmport/fromStruct.m, @ssmport/ssmport.m,
@ssmport/string.m, @ssmport/update_struct.m: correcting all the
INDENTATION in all my files so the CVS reports are meaningful

2009-08-05 17:36 adrien

* classes/@ssm/: addParameters.m, assemble.m, doSimplify.m,
double.m, findParameters.m, getParameters.m, kalman.m,
keepParameters.m, modifTimeStep.m, sMinReal.m, simplify.m,
simulate.m, subsParameters.m: input variable anme debugging

2009-08-05 17:15 hewitson

* classes/@ssm/bode.m: Better default values for bode. Now the
method works properly again.

2009-08-05 17:06 luigi

* classes/@ao/ao.m: removed fromCSD constructor

2009-08-05 16:59 hewitson

* jar/MPipeline.jar: updated jar file.

2009-08-05 16:47 hewitson

* classes/@ssmblock/makePortIndex.m: Removed an unnecessary
warning.

2009-08-05 16:46 hewitson

* classes/@ssm/bode.m: Better plist parameter descriptions.

2009-08-05 16:44 hewitson

* classes/@ssm/: bode.m, ssm2ss.m: Some more cleaning up and bug
fixing.

2009-08-05 16:27 adrien

* classes/@ssm/: kalman.m, keepParameters.m, modifTimeStep.m, simplify.m, simulate.m, subsParameters.m: revisited input variable handling in history

2009-08-05 16:27 adrien

* classes/@ssm/assemble.m: revisited use of input variable names in ssm for history

2009-08-05 16:23 hewitson

* classes/@ssm/copy.m: Bug fix: the history was not copied.

2009-08-05 16:21 hewitson

* classes/@ssm/ssm.m: We can't assume the parameter values are doubles, so we shouldn't preallocate them so.

2009-08-05 16:21 hewitson

* classes/@ssm/assemble.m: Bug fix on the history. Now the history is correctly added.

2009-08-05 16:21 hewitson

* classes/@ssm/addParameters.m: Bug fix in the handling of the inputs.

2009-08-05 16:19 hewitson

* classes/@ssm/keepParameters.m: Reformatting and better english in the parameter description.

2009-08-05 16:18 hewitson

* classes/+utils/@prog/rstruct.m: Now only returns non-dependent class properties.

2009-08-05 16:17 adrien

* classes/@ssm/sMinReal.m: now add history. One 'internal' switch was added not to set history from ssm callers

2009-08-05 16:02 miquel

* test/test_ao_lpsd_variance_montecarlo.m: montecarlo test for lpsd variance

2009-08-05 15:59 luigi

* classes/@ao/whiten1D.m: updated

2009-08-05 15:57 miquel

* classes/@ao/mltfe.m: added expressions for the standard deviation of spectral estimators

2009-08-05 15:56 miquel

* classes/@ao/mlpsd_mex.m: Added the scaling of the variance The average of the mean is computed inside ltpda_dft as a part of Welford algorithm

2009-08-05 15:54 miquel

* classes/@ao/lpsd.m: lpsd now returns standard deviation in the dy field adds 'LPSD' instead of 'IPSD' to the name of the AO

2009-08-05 15:24 adrien

* classes/+utils/@helper/objdisp.m: small alignment correction

2009-08-05 15:16 adrien

* classes/+utils/@helper/objdisp.m: A special case for the ssmblock on the display

2009-08-05 15:06 hewitson

* classes/: @ssmblock/copy.m, @ssmport/copy.m: copy/paste errors corrected.

2009-08-05 14:50 ingo

* classes/+utils/@helper/xmlwrite.m: Skip a field only if it is really empty. this means that it doesn't have the size (0,3)

2009-08-05 14:49 ingo

* classes/+utils/@helper/val2str.m: Display for an empty cell the size

2009-08-05 14:48 ingo

* classes/@ltpda_uo/save.m: We don't change the input object so it

is not necessary to copy it.

2009-08-05 14:47 ingo

* classes/@timespan/display.m: Display properties with cells

2009-08-05 14:12 hewitson

* classes/: @ltpda_obj/eq.m, @plist/eq.m, @plist/removeKeys.m, @smodel/subs.m, @unit/simplify.m, @unit/unit.m: use the new utils ismember.

2009-08-05 14:12 hewitson

* classes/+utils/@helper/: helper.m, ismember.m: A much simpler version of ismember because the one from mathworks is super general and hence super slow. We only use it for looking for a string or a cell-array of strings inside a cell-array. This is about 7 times faster.

2009-08-05 13:43 ingo

* classes/@ltpda_filter/: ltpda_filter.m, setA.m, setFs.m, setInfile.m: Set the access of setFs back to protected.

2009-08-05 13:22 ingo

* classes/@ltpda_filter/setFs.m: The method rebuilds the filter if a user wants to set the frequency.

2009-08-05 13:21 ingo

* classes/@ltpda_uoh/setDescription.m: Small changes

2009-08-05 13:12 hewitson

* jar/MPipeline.jar: updated jar file.

2009-08-05 12:35 hewitson

* classes/: @ltpda_uoh/setProperties.m, @miir/fromAB.m, @miir/fromLISO.m, @miir/fromParfrac.m, @miir/fromPzmodel.m, @miir/fromStandard.m, +utils/+const/@warnings/warnings.m, @ao/fromCSD.m, @ao/fromComplexDatafile.m, @ao/fromDataInMAT.m, @ao/fromDatafile.m, @ao/fromFSfcn.m, @ao/fromFcn.m, @ao/fromGEOserver.m, @ao/fromNDS.m, @ao/fromPolyval.m, @ao/fromPzmodel.m, @ao/fromSModel.m, @ao/fromSpecWin.m, @ao/fromTSfcn.m, @ao/fromVals.m, @ao/fromWaveform.m,

@ao/fromXYFcn.m, @ao/fromXYVals.m, @parfrac/fromPzmodel.m,
@parfrac/fromRational.m, @parfrac/fromResidualsPolesDirect.m,
@pzmodel/fromLISO.m, @pzmodel/fromPolesAndZeros.m,
@pzmodel/fromRational.m, @mfir/fromA.m, @mfir/fromAO.m,
@mfir/fromPzmodel.m, @mfir/fromStandard.m,
@rational/fromCoefficients.m, @rational/fromParfrac.m,
@rational/fromPzmodel.m, @smodel/fromExpression.m,
@timespan/fromTimespanDef.m: Added a 'warnings' constant class so
that we can have a nicer control over warnings in terms of
switching them on and off. For example, the setProperties now
throws a particular type of warning, and this is switched off in
the from* constructors because in many cases it fires, but the
user doesn't need to know this.

2009-08-05 11:39 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-08-05 11:17 hewitson

* classes/@matrix/: det.m, ctranspose.m, inv.m, matrix.m, minus.m,
plus.m, rdivide.m, times.m, transpose.m: Changes to better handle
'global' parameters which are for all sets and more plist work.

2009-08-05 11:13 hewitson

* classes/: @smodel/fromExpression.m, @smodel/smodel.m,
@timespan/fromTimespanDef.m, @timespan/timespan.m: Changes to
better handle 'global' parameters which are for all sets.

2009-08-05 10:42 ingo

* classes/@ltpda_filter/setHistout.m: Some modification and plist
work.

2009-08-05 10:41 ingo

* classes/@ltpda_filter/setFs.m: Modify the setFs method as a public
method. This means with the 'internal' switch and adding the
history.

2009-08-05 10:41 ingo

* classes/@ltpda_filter/ltpda_filter.m: Set the access of the setFs
method from protected to public.

2009-08-05 10:40 ingo

* classes/@ltpda_filter/impresp.m: Some plist work

2009-08-05 10:36 hewitson

* classes/@rational/: fromCoefficients.m, fromParfrac.m, fromPzmodel.m, loadobj.m, rational.m: Changes to better handle 'global' parameters which are for all sets.

2009-08-05 10:19 hewitson

* classes/@pzmodel/: fromLISO.m, fromPolesAndZeros.m, fromRational.m, pzmodel.m: Changes to better handle 'global' parameters which are for all sets.

2009-08-05 10:14 miquel

* classes/@ao/ao.m: changed declaration of welchscale

2009-08-05 10:13 miquel

* classes/@ao/welchscale.m: welchscale scales the variance as well

2009-08-05 10:12 miquel

* classes/@ao/welch.m: this should solve the problem when k=1. We return an empty dy in that case. Also added some changes to scale correctly the variance when scale = ASD

2009-08-05 09:42 hewitson

* classes/@parfrac/: fromPzmodel.m, fromRational.m, fromResidualsPolesDirect.m, parfrac.m: Changes to better handle 'global' parameters which are for all sets.

2009-08-05 09:07 hewitson

* classes/@miir/miir.m: 'name' parameter was added twice.

2009-08-05 08:47 hewitson

* classes/@mfir/fromA.m: Bug fix.

2009-08-05 07:29 hewitson

* test/test_iplot_3.m: Added some examples of excluding AOs from the legend.

2009-08-05 07:29 hewitson

- * classes/@ao/: ao.m, iplot.m: iplot and plotinfo now support the key 'legend_on'. If this is set to the false, then the particular AO is not included in the plot legend.

2009-08-04 23:07 hewitson

- * classes/@mfir/mfir.m: Need to specify iunits and ounits in all the plists.

2009-08-04 23:00 hewitson

- * classes/: @mfir/fromAO.m, @mfir/fromPzmodel.m, @mfir/mfir.m, @filterbank/char.m, @filterbank/display.m, @filterbank/filterbank.m, @mfir/fromA.m, @mfir/fromStandard.m, @miir/fromAB.m, @miir/fromLISO.m, @miir/fromParfrac.m, @miir/fromPzmodel.m, @miir/fromStandard.m, @miir/miir.m: Work on plists and global keys. Still needs to be tested.

2009-08-04 22:59 hewitson

- * classes/@ao/ao.m: Some unnecessary text removed from help header.

2009-08-04 22:06 hewitson

- * classes/@ao/: ao.m, fromVals.m, fromXYVals.m: Completed the splitting up of fromVals and fromXYVals. Now fromVals only deals with the simple cdata case. Other cases are handled in fromXYVals. Hopefully this makes the plist sets easier to understand for the user.

2009-08-04 21:30 hewitson

- * classes/@ao/ao.m: Remove the global keys from the 'from plist' parameter set.

2009-08-04 21:01 ingo

- * classes/@matrix/setObjs.m: New setter method to set the 'objs' of an matrix object. But no guarantee that this method works because I didn't checked it.

2009-08-04 20:59 ingo

- * classes/@ao/abs.m: Remove the HISTORY part from the header

2009-08-04 20:59 ingo

- * classes/@ao/join.m: Some changes to the fact that the time object works with seconds and not milliseconds.

2009-08-04 20:57 ingo

- * classes/@matrix/matrix.m: 1.) Adds some constructors like: from File, from structure, from parameter list, ... 2.) Adds the history of the inner object to the matrix object.

2009-08-04 20:55 ingo

- * classes/: @matrix/char.m, @matrix/display.m, @ltpda_uoh/setDescription.m: Some changes to the header. (add parameter link)

2009-08-04 20:54 ingo

- * classes/@matrix/copy.m: Much simpler version of the copy method.

2009-08-04 20:45 ingo

- * classes/@plist/plist2cmds.m: The rebuild method doesn't rebuild the 'desc' of a plist any more.

2009-08-04 20:43 ingo

- * classes/@time/time.m: Time objects are now constructed with numerical values representing seconds, not milli-seconds. We have forgotten to change the constructor: time(number, format)

2009-08-04 19:56 hewitson

- * classes/@ao/: fromCSD.m, fromComplexDatafile.m, fromDatafile.m, fromGEOserver.m, fromNDS.m, fromPolyval.m, fromPzmodel.m, fromSModel.m, fromSpecWin.m: Modified to better handle the 'global' parameters that are in all default plists. Also some were not calling setProperties, and some were not using internal switches where they should be.

2009-08-04 19:52 hewitson

- * classes/@ao/welch.m: and that fix doesn't work either, so it needs even more thought.

2009-08-04 19:48 hewitson

- * classes/@ao/welch.m: It does not work to set the variance to [] because then we get wrong sized vectors. For now I set it to 0

but this needs some thought.

2009-08-04 19:21 ingo

- * classes/+utils/@helper/xmlread.m: Bug fix: It is possible that a LTPDA object is stored with the size Nx0 or 0xN. Then exist only one 'empty' node and the xml_read_atomic_element part must create an empty LTPDA object.

2009-08-04 19:18 ingo

- * classes/@ltpda_obj/eq.m: Bug fix: Setting the result before going into the loop because it is possible that the input objects have the size Nx0 or 0xN

2009-08-04 18:55 hewitson

- * classes/@ao/ao.m: Somehow committed the wrong version earlier. This one now has and uses the functions for adding/removing global (for all sets) parameters.

2009-08-04 17:21 adrien

- * classes/@ssm/blockMatArrayPrune.m: blockMatPrune has replaced this static hidden method

2009-08-04 16:30 ingo

- * classes/@ltpda_uo/: bsubmit.m, submit.m, update.m: The numeric input of the time constructor is now defined in seconds but plist().created returns the time in milliseconds.

2009-08-04 14:42 hewitson

- * classes/@ltpda_uo/: bsubmit.m, submit.m: The UUID is now uploaded to the objs table.

2009-08-04 14:19 ingo

- * classes/@ao/select.m: Now it is possible to select the samples with an AO.

2009-08-04 14:05 hewitson

- * classes/: @ao/ao.m, @ao/fromWaveform.m, @ltpda_uoh/fromFile.m, @pzmodel/fromLISO.m: Changes to better handle 'global' parameters which are for all sets. We should do the same for other classes but also check all from* constructors are doing the right things.

2009-08-04 14:04 hewitson

- * classes/: @ao/iplot.m, @ao/iplotyy.m, @ao/split.m, @ltpda_uoh/created.m, @tsdata/tsdata.m: Changes to match the fact that the time() constructor expects seconds now.

2009-08-04 13:50 adrien

- * classes/@ssm/: ssm.m, ssmFromDescription.m: Two new syntaxes for the ssm constructor. - one with the dependant parameters 'inputnames', 'statenames', 'outputnames' in the plist. - one with the 6 fields sys = ssm(amats, bmats, cmats, dmats, timestep, name)

2009-08-04 12:33 hewitson

- * classes/@time/: fromTimeValue.m, time.m: Time objects are now constructed with numerical values representing seconds, not milli-seconds. This was planned for a long time now.

Let's see what this breaks...

2009-08-04 10:05 miquel

- * classes/@ao/welch.m: corrects a divide by zero warning

2009-08-03 22:00 adrien

- * test/test_ssm/: NoiseTest.m, make1Dmodels.m, makeMDC2models.m, test_ssm_all.m, test_ssm_assemble_loop.m, test_ssm_ltp.m, test_ssm_simulate.m, xyCouplingTest.m: Some updates on the tests after debugging

2009-08-03 21:59 adrien

- * classes/@ssm/: setBlockNames.m, setDescription.m, setParams.m, setPortNames.m, setPortUnits.m, setBlockDescriptions.m, setName.m, setPortDescriptions.m: corrected bug in the setters

2009-08-03 21:59 adrien

- * classes/@ssm/: keepParameters.m, setParameters.m, subsParameters.m: Need for cases as I have some weird bug in the plist content - temporary bypass Also correct invalid usage of plist/parse

2009-08-03 21:57 adrien

* classes/@ssm/kalman.m: Two bugs correcting when setting output

2009-08-03 21:57 adrien

* classes/@ssm/findParameters.m: wrong syntax for plist/parse

2009-08-03 21:56 adrien

* classes/@ssm/assemble.m: Assemble now detects the size mismatch before it crashes.

2009-08-03 20:39 miquel

* classes/@ao/dispersion.m: this won't be ready for the next release

2009-08-03 20:30 ingo

* classes/@ao/: conv.m, corr.m, cov.m, join.m: Add the description of the input AOs to the output AO(s)

2009-08-03 20:30 ingo

* classes/@ao/split.m: Now uses split a copy of the input object for the output instead of building an new AO. I think now it is possible to use 'split' as a modifier. But at the moment I doesn't change this.

2009-08-03 20:26 ingo

* classes/@ao/dispersion.m: I thought there was a bug but I'm not sure. Miquel will check that I didn't break anything.

2009-08-03 20:25 ingo

* classes/@ao/curvefit.m: remove unused variables.

2009-08-03 20:24 ingo

* classes/+utils/@helper/: xmlread.m, xmlwrite.m: Substitute the DOLLAR '\$' of an cvs version string with 'CVS_TAG' because then doesn't substitute cvs this string.

2009-08-03 19:07 adrien

* classes/@ssm/: isStable.m, modifTimeStep.m, sMinReal.m: ... Now they are back!

2009-08-03 19:06 adrien

- * classes/@ssm/: isstable.m, modif timestep.m, sminreal.m: I need to delete these functions to rename them with upper cases!

2009-08-03 18:51 adrien

- * classes/@ssmblock/ssmblock.m: setter and getter for block descriptions at ssmblock level

2009-08-03 18:50 adrien

- * classes/@ssm/assemble.m: modified input and run message

2009-08-03 18:46 adrien

- * classes/@ssm/bode.m: modified input

2009-08-03 18:46 adrien

- * classes/@ssm/buildParamPlist.m: -display revisited

2009-08-03 18:44 adrien

- * classes/@ssm/double.m: modified input. variable naming revisited

2009-08-03 18:44 adrien

- * classes/@ssm/fromStruct.m: modified run display

2009-08-03 18:43 adrien

- * classes/@ssm/simulate.m: modified inputs, display modified output now set y units

2009-08-03 18:42 adrien

- * classes/@ssm/sminreal.m: modified input/output not validating anymore as it should be useless

2009-08-03 18:41 adrien

- * classes/@ssm/ssm.m: modified validate behavior in the constructor
function lists updated

2009-08-03 18:40 adrien

* classes/@ssm/: ssm2dot.m, ssm2miir.m, ssm2pzmodel.m, ssm2rational.m, ssm2ss.m: inputs revisited run display checked not copying anymore input as it is done inside "double"

2009-08-03 18:37 adrien

* classes/@ssm/: ssmFromMiir.m, ssmFromRational.m: not adding history as this is done at the ssm function level...

2009-08-03 18:36 adrien

* classes/@ssm/: doSimplify.m, simplify.m: Simplify does not loop over plists, which was stupid doSimplify is a private subroutine for Simplify

2009-08-03 18:35 adrien

* classes/@ssm/minreal.m: removed since we have no control toolbox. :(

2009-08-03 18:34 adrien

* classes/@ssm/resp.m: input revisited not copying anymore input more output fields are set

2009-08-03 18:33 adrien

* classes/@ssm/modiftimestep.m: better input handling

2009-08-03 18:32 adrien

* classes/@ssm/setParams.m: setter for the Params field

2009-08-03 18:32 adrien

* classes/@ssm/: getParams.m, setparams.m: getter and setter for the Params field

2009-08-03 18:31 adrien

* classes/@ssm/isstable.m: better message

2009-08-03 18:31 adrien

* classes/@ssm/kalman.m: - copying revisited - output assignment revisited

2009-08-03 18:30 adrien

- * classes/@ssm/: addParameters.m, findParameters.m, findParams.m, getParamValues.m, getParameters.m, keepParameters.m, keepparams.m, setParameters.m, setValuesForParams.m, subsParameters.m, subsparms.m: renaming for the function that acces (NOT set) the field params - parameter call does not cause display

2009-08-03 18:28 adrien

- * classes/@ssm/: setBlockDescriptions.m, setBlockNames.m, setDescription.m, setName.m, setPortDescriptions.m, setPortNames.m, setPortUnits.m: New and updated setter functions for the i/o/states. - added internal call (avoids only history line) - parameter call does not cause display - added more option - uses sub-classes setFunctions - corrected a bug concerning the assigning

2009-08-03 18:26 adrien

- * classes/@ssm/validate.m: typo corrected

2009-08-03 18:25 adrien

- * classes/@ssm/modify.m: hacking function removed

2009-08-03 18:16 ingo

- * classes/@ao/join.m: This method joins also the error dx and dy.

2009-08-03 15:47 ingo

- * classes/@ao/find.m: bug fix: Condition for setting the error dx and dy -> because it is possible that the error is only one number.

2009-08-03 15:41 ingo

- * classes/@ao/split.m: Set the error dx and dy in the 'interval' section.

2009-08-03 15:41 ingo

- * classes/@ao/setY.m: bug fix: It is not possible to set dx if the data object is a cdata.

2009-08-03 15:38 mauro

* [html_help/help/ug/ltlda_training_topic_3_2_2_content.html](#): Small update

2009-08-03 14:29 mauro

* [html_help/help/ug/repo_submit_content.html](#): Updated

2009-08-03 14:23 ingo

* [classes/@ao/simplifyYunits.m](#): move the command of the unit/simplify to an other position with the hope that this increases the precision.

2009-08-02 18:29 hewitson

* [classes/@ao/curvefit.m](#): Issue a warning this curvefit is no longer maintained.

2009-08-02 18:22 hewitson

* [classes/@ao/xfit.m](#): Changed this back to using the jacobian for the errors because the new hessian code is throwing errors for the examples in the help text and for other examples I tried.

2009-08-02 15:15 hewitson

* [jar/MPipeline.jar](#): Updated jar file.

2009-08-02 15:07 hewitson

* [jar/MPipeline.jar](#): Updated jar file.

2009-08-02 12:42 hewitson

* [test/test_iplot.m](#): use [ao/psd](#) now that [pwelch](#) is deprecated.

2009-08-02 12:42 hewitson

* [test/test_iplot_3.m](#): New test script showing the use of [plotinfo](#).

2009-08-02 12:41 hewitson

* [classes/@ao/iplot.m](#): [iplot](#) now supports the [plotinfo](#) field from AOs. If [plotinfo](#) is filled with an appropriate plist, this will override all other options for plotting that [ao](#).

Also fixed the annoying bug with the linear x-axis on [fsdata](#)

plots.

2009-08-02 12:41 hewitson

* classes/@ao/ao.m: Set default AO name to 'None'

2009-08-02 11:29 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-08-02 11:28 hewitson

* classes/: @LTPDAworkbench/lib.mat, @ao/ao.m: Some work on the ao plist. Moved some general plist keys outside the sets switch since these are applicable for all constructors. Namely: 'name', 'description', 'plotinfo'.

Also updated the library to account for this.

2009-08-02 10:10 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_table.m, lib.mat: Updated library and added support for the 'table' button.

2009-08-02 10:09 hewitson

* jar/MPipeline.jar: Update jar file.

2009-08-01 23:16 hewitson

* classes/@LTPDAworkbench/lib.mat: updated library

2009-08-01 23:15 hewitson

* classes/@workspaceBrowser/workspaceBrowser.m: Comment reworded.

2009-08-01 23:15 hewitson

* jar/MPipeline.jar: Update jar file.

2009-08-01 18:29 hewitson

* classes/@ao/iplot.m: Some work on the plists. Most, if not all, parameters are included now.

2009-08-01 14:34 hewitson

* classes/@ao/curvefit2.m: this was experimental and since it was

never released we can safely remove it

2009-08-01 12:58 hewitson

* classes/@ao/integrate.m: Some bug fixing.

2009-08-01 12:41 hewitson

* test/test_ao_integrate.m: Some simple tests for ao/integrate

2009-08-01 12:40 hewitson

* classes/@ao/integrate.m: A new integration method for AOs. Just has a single integration type at the moment: trapezoidal numerical integration.

2009-08-01 11:58 hewitson

* classes/+utils/@math/: isequal.m, math.m: An alternative 'isequal' command that works with a tolerance. I noticed that some UTPs are failing because of numerical differences at 1e-15 level. We could use this isequal command which has a default tolerance of 1e-14. You can also set the tolerance.

2009-07-31 20:23 ingo

* html_help/help/ug/repo_submit_content.html: Add a description of a 'submitting' methods: bsubmit, submit and update.

2009-07-31 19:26 ingo

* classes/@ltpda_uo/: bsubmit.m, submit.m, update.m: update to the new plist and I played a little bit with the HTML representation of the description :)

2009-07-31 18:05 ingo

* classes/+utils/@helper/xmlwrite.m: Writes only properties of an user object which are not dependend and have a public get access.

2009-07-31 18:03 ingo

* classes/@ao/: setX.m, setY.m: Set the error to an empty field.

2009-07-31 18:02 ingo

* classes/@param/display.m: Remove the try to display the HTML code.

2009-07-31 18:01 ingo

- * classes/: @parfrac/resp.m, @pzmodel/resp.m, @rational/resp.m: I hope these method doesn't appear again because we are using the resp method of the ltpda_tf class and this method uses the respCore for the particular part.

2009-07-31 17:58 ingo

- * classes/@ltpda_tf/resp.m: Update the header and transform the default plist to the new one.

2009-07-31 17:15 hewitson

- * html_help/help/: helptoc.xml, ug/ssm_assemble_content.html, ug/ssm_build_built_in_content.html, ug/ssm_build_description_content.html, ug/ssm_building_content.html, ug/ssm_content.html, ug/ssm_introduction_content.html, ug/ssm_simulation_content.html: Some basic help infrastructure for the ssm stuff.

2009-07-31 16:35 hewitson

- * classes/@LTPDAworkbench/lib.mat: updated library

2009-07-31 16:35 hewitson

- * jar/MPipeline.jar: updated jar file.

2009-07-31 12:04 miquel

- * classes/@ao/welch.m: added variance for the coherence

2009-07-30 20:35 ingo

- * classes/@pz/pz.m: New constructor: Evaluate the input if the input is a string and pass this again into the pz-constructor.

2009-07-30 20:34 ingo

- * classes/: @ltpda_uo/setDescription.m, @ltpda_uoh/setDescription.m: bug fixes.

2009-07-30 20:33 ingo

- * classes/@ao/zeropad.m: Change the default value to an empty double as it was before.

2009-07-30 20:33 ingo

- * classes/@ao/simplifyYunits.m: bug fix: Increase the precision. I hope.

2009-07-30 18:31 nicola

- * classes/@ao/fromTSfcn.m: Updated to clarify the calculation performed (and avoid a problem) when the user wrongly passes a tsfcn not depending on t.

2009-07-30 17:26 ingo

- * classes/: @ao/setDx.m, @ao/setDy.m, @ao/setFs.m, @ao/setMdlfile.m, @ao/setPlotinfo.m, @ao/setT0.m, @ao/setX.m, @ao/setXY.m, @ao/setXunits.m, @ao/setY.m, @ao/setYunits.m, @ao/setZ.m, @ltpda_tf/setlunits.m, @ltpda_tf/setOunits.m, @ltpda_uo/setDescription.m, @ltpda_uoh/setDescription.m, @miir/setHistin.m, @pzmodel/setDelay.m: The 'internal' part accepts now more than one input. This was necessary because we add in ao/phase a y-unit to the object with the 'internal' switch.

2009-07-30 17:08 mauro

- * classes/@ssm/resp.m: Recategorized

2009-07-30 16:55 ingo

- * classes/@param/display.m: tries to display the HTML formatted description.

2009-07-30 16:55 ingo

- * classes/@unit/char.m: trim the unit string.

2009-07-30 16:54 ingo

- * classes/: @ao/setDescription.m, @ltpda_uo/setDescription.m, @ltpda_uoh/ltpda_uoh.m, @ltpda_uoh/setDescription.m, @plist/setDescription.m: Move the method setDescription to the classes 'ltpda_uoh' and 'ltpda_uo' and I hope that this method never appears in other classes. The ghost is back because in version 2.0.1 was this method deleted in the AO class and now it is there.

2009-07-30 16:52 ingo

* classes/@plist/resp.m: Change description of the key 'filter'

2009-07-30 16:51 ingo

* classes/@ao/join.m: bug fix.

2009-07-30 16:51 ingo

* classes/@ao/fft.m: Change the default value from 'plain' to the old value 'one'

2009-07-30 16:50 ingo

* classes/@ao/convert.m: Add the option '' to the plist because it is for the method necessary.

2009-07-30 16:50 ingo

* classes/@ao/applymethod.m: Add only the input plist to the history

2009-07-30 16:49 ingo

* classes/@ao/ao.m: Change default value

2009-07-30 15:46 adrien

* test/test_ssm/: NoiseTest.m, make1Dmodels.m, test_ssm_all.m, test_ssm_assemble.m, test_ssm_assemble2.m, test_ssm_generate_group.m, test_ssm_minfo.m, test_ssm_modify.m, test_ssm_random_generate.m, test_ssm_simulate.m, xyCouplingTest.m: updated test functions

2009-07-30 15:43 adrien

* classes/@ssm/copy.m: minor cleanup.

2009-07-30 15:43 adrien

* classes/@ssmport/ssmport.m: More consistent behavior of the setName method.

2009-07-30 15:41 adrien

* classes/@ssm/ssmFromDescription.m: no message

2009-07-30 15:41 adrien

* classes/@ssmblock/ssmblock.m: Dependant properties Nblocks , Nports , portNames, blockNames are now methods, as you can't extend properties on a whole array of objects. Methods getSizes and getNames disappear, as they are redundant.

2009-07-30 15:38 adrien

* classes/@ssm/ssm.m: copy and validate are now hidden public methods

2009-07-30 15:38 adrien

* classes/@ssm/simulate.m: bug : it should be 'constants' instead of 'constant'

2009-07-30 15:35 adrien

* classes/@ssm/: double.m, ssm2miir.m, ssm2pzmodel.m, ssm2rational.m, ssm2ss.m: The function 'reduce_model' is now called 'simplify'. Modifying code accordingly.

2009-07-30 15:33 adrien

* classes/@ssmblock/makePortIndex.m: modified to use the new call

2009-07-30 15:32 adrien

* classes/: @ssm/assemble.m, @ssmblock/combine.m: code optimization

2009-07-30 15:32 adrien

* classes/@ssm/validate.m: code optimization.

2009-07-30 15:31 adrien

* classes/@ssm/: keepparams.m, setparams.m, subsparms.m: correcting getDefaultPlist call

2009-07-30 13:25 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library

2009-07-30 12:23 anneke

* classes/@ao/lscov.m: undone: fixed parameter vector_out

2009-07-30 12:12 anneke

* classes/@ao/lscov.m: fixed parameter vector_out

2009-07-30 11:51 nicola

* classes/@ao/: conv.m, corr.m, cov.m, hypot.m, xcorr.m: Fixed argmin (=2) and modifier (false).

2009-07-30 10:10 mauro

* classes/@plist/resp.m: Updated parameter list

2009-07-30 10:09 mauro

* classes/@pzmodel/: rdivide.m, times.m: Assigned to a more sensible category (arithmetic operator)

2009-07-30 10:09 mauro

* classes/@matrix/: ncols.m, nrows.m, osize.m: Assigned to a more sensible category (helper)

2009-07-30 09:42 gerit

* html_help/help/ug/repo_whatism_content.html: small fixes

2009-07-30 06:49 mauro

* html_help/help/ug/ltlda_training_topic_3_2_2_content.html: Small update

2009-07-30 06:48 mauro

* classes/@ltlda_uoh/fromRepository.m: Uses the yes2true utility to allow for more flexibility

2009-07-30 06:47 mauro

* classes/@ltlda_uo/bsubmit.m: A little code cleanup Help fixed

2009-07-30 06:47 mauro

* html_help/help/ug/: repo_retrieve_content.html, repo_submit_content.html, repo_whatism_content.html: Updated documentation

2009-07-29 22:51 mauro

* html_help/help/ug/: repo_connect_content.html,
repo_explore_content.html, repo_retrieve_content.html,
repo_submit_content.html, repo_what_is_content.html: Updated
documentation

2009-07-29 18:19 nicola

* classes/@repogui/: buildSubmitPanel.m, cb_tabChanged.m,
cb_treegui.m: - the tree is now part of the same window. -
refresh button. - new login window. - some code clean up.

2009-07-29 17:34 ingo

* classes/@specwin/specwin.m: Add a rule for setting the property
'win'.

2009-07-29 17:33 ingo

* classes/@ao/: acos.m, angle.m, ao.m, asin.m, atan.m, cohere.m,
dft.m, filter.m, firwhiten.m, fixfs.m, psd.m, tfe.m: change some
default values.

2009-07-29 17:12 hewitson

* html_help/help/helptoc.xml: Starting a section on the workbench
plan stuff.

2009-07-29 17:09 hewitson

* jar/MPipeline.jar: updated jar file.

2009-07-29 17:06 hewitson

* classes/@workspaceBrowser/: cb_explore.m, cb_submit.m,
getSelectedVarNames.m, workspaceBrowser.m: Implemented the
remaining button functionalities.

2009-07-29 16:37 hewitson

* jar/MPipeline.jar: updated jar file.

2009-07-29 11:17 miquel

* classes/@ao/welch.m: Computes correctly tfe mean and variance
Returns empty dy filed if number of averages = 1. Coherence
variance is not included yet.

2009-07-29 11:05 miquel

* classes/@ao/zDomainFit.m: seems that the old 'c1', 'c2' conditions were changed in the help but not in the code.

2009-07-29 09:02 hewitson

* classes/@workspaceBrowser/: cb_display.m, cb_plot.m, cb_plothistory.m, getSelectedObjects.m, workspaceBrowser.m: New functionalities.

2009-07-28 19:17 hewitson

* jar/MPipeline.jar: updated jar file.

2009-07-28 19:05 hewitson

* makeToolbox.m: Installs the new experimental workspace browser.

2009-07-28 19:04 hewitson

* classes/@workspaceBrowser/: cb_buildModel.m, cb_plot.m, workspaceBrowser.m: MATLAB class that implements an alternative experimental workspace browser. So far it has only one function: plot.

2009-07-28 17:24 luigi

* classes/+utils/@prog/convertComString.m: changed to correct a wrong behavior. This function need further revision

2009-07-28 15:20 ingo

* classes/@ao/char.m: bug fix. Resturn a sensible string if the input AO have the size 1x0

2009-07-28 15:19 ingo

* classes/@pzmodel/: tomfir.m, tomiir.m: More plist work.

2009-07-28 15:18 ingo

* classes/@timespan/: char.m, display.m, setEndT.m, setStartT.m, setTimeformat.m, setTimezone.m, timespan.m: More plist work to timespan class.

2009-07-28 13:16 adrien

* classes/@ssmport/setName.m: This function actually already exists

2009-07-28 08:47 hewitson

- * test/test_jmysql/test1.m: Added more test/demo code.

2009-07-28 08:47 hewitson

- * jar/MPipeline.jar: update jar file.

2009-07-28 08:46 hewitson

- * classes/@LTPDAworkbench/cb_submitObjects.m: updated to the new constructor call for the submit dialog.

2009-07-28 08:46 hewitson

- * classes/+utils/@jmysql/: dbconnTojconn.m, jconnTodbconn.m, jmysql.m, submitDialog.m: Some more functionality. You can now call up a submit dialog which will return a valid sinfo structure that can be passed to submit. Also added converters from the database toolbox connection to java connection and vice versa.

2009-07-28 06:50 mauro

- * classes/@ao/: psd.m, xspec.m: Added error message when one of the input objects is empty

2009-07-27 22:15 hewitson

- * jar/MPipeline.jar: update jar file.

2009-07-27 22:14 hewitson

- * test/test_jmysql/test1.m: Added some more tests.

2009-07-27 22:13 hewitson

- * classes/+utils/@jmysql/: jmysql.m, queryDialog.m: A new query dialog that just calls the one used on the workbench.

2009-07-27 21:47 hewitson

- * test/test_jmysql/test1.m: A simple test script for the new jmysql utility class.

2009-07-27 21:46 hewitson

- * classes/+utils/@jmysql/: connect.m, displayResults.m, jmysql.m,

query.m, resultsToCell.m: A new utility class that aims to replace the database toolbox for the repository interaction. Turns out to be pretty straightforward to use the java sql interface.

2009-07-27 21:45 hewitson

* jar/MPipeline.jar: update jar file.

2009-07-27 19:13 adrien

* classes/@ssmport/ssmport.m: changed setUnit to setUnits turned dependent properties into methods so as to apply them on arrays of objects properly.

2009-07-27 19:11 adrien

* classes/@ssmblock/makePortIndex.m: code safety amelioration

2009-07-27 19:11 adrien

* classes/@ssmblock/ssmblock.m: updated help header. Dependant properties were turned into methods, so as to work on an array of objects properly

2009-07-27 19:09 adrien

* classes/@ssm/validate.m: update function calls

2009-07-27 19:09 adrien

* classes/@ssm/ssm2ss.m: correct getDefaulPlist call

2009-07-27 19:08 adrien

* classes/@ssm/ssm.m: Updating calls

2009-07-27 19:07 adrien

* classes/@ssm/: ssmFromMiir.m, sminreal.m, kalman.m, modiftimestep.m, simulate.m: updating calls

2009-07-27 19:07 adrien

* classes/@ssm/: modify.m, ssm2miir.m, ssm2pzmodel.m: updating minfo call

2009-07-27 19:04 adrien

* classes/@ssm/: double.m, isstable.m: updating function calls

2009-07-27 19:03 adrien

* classes/@ssm/assemble.m: updating function names

2009-07-27 18:53 ingo

* classes/@matrix/: matrix.m, ncols.m, nrows.m, osize.m: Add new methods which returns the size, # rows/columns of the inner objects.

2009-07-27 17:15 ingo

* classes/@matrix/: size.m, matrix.m: Remove the overload size method because it is possible that the 'normal' behavior is used by other methods. At least the method rstruct throws an error because the result of size was not what rstruct expects.

2009-07-27 15:34 luigi

* m/built_in_models/matrix_model_mdc3_D_v2.m: corrected a parenthesis unbalance

2009-07-27 13:57 adrien

* classes/@ssm/ssmFromDescription.m: new dependant fields can be used in description to set properties

2009-07-27 13:57 adrien

* classes/@ssm/ssm.m: Help header updated, setter function modified

2009-07-27 13:56 adrien

* classes/@ssm/: reduce_model.m, simplify.m: renaming this function as its name is not clear.

2009-07-27 12:00 adrien

* classes/@ssm/ssm.m: Debug of the setter functions, added test on the input data.

2009-07-27 11:27 adrien

* classes/@ssmport/ssmport.m: same here, the class properties are now protected and one dependant property was added

2009-07-27 11:26 adrien

- * classes/@ssmblock/ssmblock.m: Many changes to make it a real non-user class - setting methods are now made private - properties are protected
- besides the factory constructor (makeblockwithsize and makeBlockWithData) were renamed, and are compatible with the use of ssmport as a non-user class

2009-07-27 11:22 adrien

- * classes/@ssm/: assemble.m, copy.m, reduce_model.m, ssm.m, ssmFromDescription.m, ssmFromPzmodel.m, validate.m: About 15 fields are now dependant properties

2009-07-27 11:20 adrien

- * classes/@ssm/: blockMatAdd.m, blockMatArrayPrune.m, blockMatFillDiag.m, blockMatFusion.m, blockMatMult.m, blockMatPrune.m, blockMatRecut.m, cellArrayPrune.m, cell_add.m, cell_fusion.m, cell_mult.m, cell_recut.m: These functions are renamed with a better name, and will be made private

2009-07-26 14:51 hewitson

- * classes/@LTPDAworkbench/LTPDAworkbench.m: Uses the new progress bar dialog when uploading the built-in models since this takes a little time now.

2009-07-26 14:51 hewitson

- * jar/MPipeline.jar: update jar file.

2009-07-26 14:18 hewitson

- * classes/: @LTPDAworkbench/LTPDAworkbench.m, @LTPDAworkbench/mpl2jpl.m, +utils/@prog/filescan.m, @paramValue/getOptions.m: Various small optimisations.

2009-07-26 11:32 hewitson

- * jar/MPipeline.jar: update jar file.

2009-07-26 10:24 hewitson

- * classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_submitObjects.m:

Added the callback that allows submission of objects from the workbench. This still needs error checking added in the case the pipeline has not been executed.

2009-07-26 10:23 hewitson

* jar/MPipeline.jar: update jar file.

2009-07-25 20:13 hewitson

* jar/MPipeline.jar: update jar file.

2009-07-25 11:43 hewitson

* jar/MPipeline.jar: updated jar file.

2009-07-25 11:42 hewitson

* jar/lib/mysql-connector-java-5.1.6-bin.jar: MySQL driver for the experimenting.

2009-07-24 19:07 luigi

* m/built_in_models/matrix_model_mdc3_ifo2ifo_noise.m: updated

2009-07-24 18:59 luigi

* m/built_in_models/: matrix_model_mdc3_C_v2.m, matrix_model_mdc3_D_v2.m, matrix_model_mdc3_S_v2.m, matrix_model_mdc3_gi_v2.m, matrix_model_mdc3_nlinresp.m: models to start linearized mdc3 analysis on nonlinear (with respect to the parameters) models

2009-07-24 18:33 nicola

* classes/@ao/welch.m: Fix to call the new utils.math.computepsd.

2009-07-24 18:19 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-24 18:14 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-24 18:01 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-24 17:07 nicola

* classes/@repogui/buildSubmitPanel.m: Added refresh button.

2009-07-24 16:15 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-07-24 16:15 hewitson

* test/pipelines/: test_ao_fft.lwb, test_ao_resample.lwb: Updated to work with the new fft parameters.

2009-07-24 16:13 luigi

* m/built_in_models/matrix_model_mdc3_input_signals.m: matrix model for mdc3 input signals

2009-07-24 15:38 luigi

* test/test_fft.m: updated test script for fft

2009-07-24 14:15 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-24 14:10 congedo

* classes/@ao/xfit.m: implemented covariance matrix from the hessian

2009-07-24 12:18 hewitson

* html_help/help/helptoc.xml: Update TOC.

2009-07-24 12:18 hewitson

* html_help/help/ug/: lwb_shelf_categories_content.html, lwb_shelf_intro_content.html, lwb_shelf_subsystems_content.html, ltpda_workbench_content.html, lwb_shelf_access_content.html, lwb_shelf_exportimport_content.html, images/lwb_overview.png, images/lwb_shelf_add_category.png, images/lwb_shelf_overview.png, images/lwb_shelf_overview.tiff, images/lwb_shelf_subsystem_tooltip.png: Added some documentation on the shelf.

2009-07-24 09:49 hewitson

* test/pipelines/: example_1.lwb, test_abs.lwb, test_ao_conj.lwb, test_ao_ctranspose.lwb, test_ao_detrend.lwb, test_ao_downsample.lwb, test_ao_fft.lwb, test_ao_find.lwb, test_ao_mean.lwb, test_ao_polyfit.lwb, test_ao_psd.lwb, test_ao_resample.lwb, test_ao_split.lwb, test_ao_split_freq.lwb, test_ao_tfe.lwb, test_ao_xcorr.lwb, test_fir_filtering.lwb, test_iir_filtering.lwb, test_lincom_cdata.lwb, test_lpsd.lwb, example_2.lwb, test_ao_interp.lwb: Updated all test pipelines to the current workbench version.

2009-07-24 09:49 hewitson

* test/pipelines/test_ao_curvefit.lwb: Remove this test pipeline since curvefit will likely be deprecated.

2009-07-24 09:26 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-07-24 09:03 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-24 06:10 mauro

* classes/@ao/: cpsd.m, cohere.m, tfe.m, xspec.m: introduced 'times' option as a shortcut to select a time-interval-based subsection of data to analyze UTPs modified accordingly

2009-07-23 19:03 mauro

* classes/@ao/downsample.m: Updated help

2009-07-23 19:02 mauro

* classes/@ao/psd.m: Bug fixed using the 'times' option

2009-07-23 17:38 luigi

* classes/@matrix/: conj.m, matrix.m: added conj method for matrix class

2009-07-23 17:36 luigi

* m/built_in_models/: matrix_model_mdc3_force_noise.m, matrix_model_mdc3_ifo2ifo_noise.m, matrix_model_mdc3_ifo_noise.m: matrix noise models for mdc3

2009-07-23 16:53 luigi

- * m/built_in_models/: matrix_model_mdc3_C.m, matrix_model_mdc3_D.m, matrix_model_mdc3_S.m, matrix_model_mdc3_dC.m, matrix_model_mdc3_dD.m, matrix_model_mdc3_dS.m, matrix_model_mdc3_dgi.m, matrix_model_mdc3_gi.m, matrix_model_mdc3_linresp.m, matrix_model_mdc3_nomresp.m, matrix_model_mdc3_oi.m: built-in models for mdc3 matrices

2009-07-23 16:52 luigi

- * classes/@matrix/: copy.m, matrix.m: - updated the constructor to allow builtin models - solved a problem in matrix/copy connected with matrix.newarray

2009-07-23 16:51 luigi

- * classes/@smodel/: setXvar.m, smodel.m: fixed some problems breaking from expression constructor

2009-07-23 16:45 ingo

- * classes/@miir/miir.m: Add the parameters 'iunits' and 'ounits' to the parameter sets 'from Parfrac' and 'I can not remember the name'

2009-07-23 16:43 ingo

- * classes/@mfir/mfir.m: Changes some default values back to the 'old' values.

2009-07-23 16:43 ingo

- * classes/@mfir/: fromAO.m, parseFilterParams.m: Add some code to avoid warnings. If the user sets the window with a string.

2009-07-23 16:42 ingo

- * classes/@ltpda_uoh/setProperties.m: Replace back the try-catch command with ismethod because ismethod returns true only for public setters and the try-catch command works also for protected and private setters.

2009-07-23 16:40 ingo

- * classes/@ltpda_tf/: setlunits.m, setOunits.m: Adapt header.

2009-07-23 16:39 ingo

* classes/@ltpda_filter/resp.m: More plist work. One of the 5.000.000

2009-07-23 16:39 ingo

* classes/@history/getObjectClass.m: bug fix: There was an error if the input was an empty history object.

2009-07-23 16:37 ingo

* classes/: +utils/@helper/val2str.m, @history/char.m: bug fix: display problems for empty history objects.

2009-07-23 16:26 ingo

* makeToolbox.m: copy the files: vcaredist_x86.exe and vcaredist_x64.exe to the toolbox. A user with the OS Windows XP need this files to run smoother or dft or ...

2009-07-22 18:51 adrien

* classes/@ssm/: addParameters.m, assemble.m, cell_fusion.m, char.m, modify.m, simulate.m, ssm.m, ssm2ss.m, ssmFromParfrac.m, ssmFromss.m, bode.m, buildParamPlist.m, cellArrayPrune.m, cell_add.m, cell_mult.m, cell_recut.m, copy.m, double.m, findParams.m, fromStruct.m, getParamValues.m, getParameters.m, isstable.m, kalman.m, keepparams.m, minreal.m, reduce_model.m, resp.m, setBlockNames.m, setParameters.m, setPortNames.m, setValuesForParams.m, setparams.m, ssm2miir.m, ssm2pzmodel.m, ssm2rational.m, ssmFromBuiltinSystem.m, ssmFromMiir.m, ssmFromPzmodel.m, ssmFromRational.m, subspams.m, validate.m, display.m, modif timestep.m, sminreal.m, ssm2dot.m, ssmFromDescription.m: Modified help and minfo behavior

2009-07-22 18:21 luigi

* test/test_matrix_filter.m: test script for matrix/filter

2009-07-22 18:20 luigi

* classes/@matrix/matrix.m: updated

2009-07-22 18:20 luigi

* classes/@matrix/filter.m: N-dim filter for matrix class

2009-07-22 17:52 miquel

- * test/test_ao_psd_variance_montecarlo.m: test standard deviation returned by psd against the statistical std in a montecarlo loop.

2009-07-22 17:30 miquel

- * classes/+utils/@math/math.m: added new method to the list

2009-07-22 17:29 miquel

- * classes/+utils/@math/computepsd.m: added a modified computepsd to utils.math. This one scales contains a correct scaling for the variance and is the one used in ao/welch

2009-07-22 17:27 miquel

- * classes/@ao/welch.m: corrected scaling for the variance

2009-07-22 16:45 ingo

- * classes/+utils/@helper/helper.m: add new method ltpda_non_abstract_classes

2009-07-22 16:45 ingo

- * classes/+utils/@helper/: classFromStruct.m, ltpda_non_abstract_classes.m: an empty struct cases that classFromStruct returns the class 'ltpda_obj' because 'ltpda_obj' also have no fields. This is not what we want. So I added a method which returns only non abstract classes.

2009-07-22 16:42 ingo

- * classes/+utils/@helper/ltpda_classes.m: add 'paramValue' class

2009-07-22 16:41 ingo

- * classes/@provenance/string.m: Change creator name.

2009-07-22 16:40 ingo

- * classes/@plist/: eq.m, update_struct.m: bug fix

2009-07-22 16:40 ingo

- * classes/@ltpda_tf/: setlunits.m, setOunits.m: Change the default value of i- and o-units from an empty unit-object to an empty

string ('')

2009-07-22 13:09 ingo

* classes/@ao/xspec.m: small bug fix

2009-07-22 12:36 luigi

* classes/@matrix/mtimes.m: mtimes object for class matrix

2009-07-21 17:40 luigi

* classes/@ao/: fft.m, ifft.m: updated versions of fft and ifft.
Changes are apported in response to a Mantis bug report. - fft
1) added 'plain' option which output the standard matlab fft
results. Available parameters are now 'type' = 'plain', 'one'
(onesided), 'two' (twosided) 2) frequency bins now are correctly
calculated

- ifft 1) option twosided is no more necessary, the algorithm now
is capable to distinguish between 'plain' fft, twosided fft,
onesided fft with odd nfft or onesided fft with even nfft

2009-07-21 17:38 ingo

* classes/@ao/zDomainFit.m: switching two default values

2009-07-21 17:37 ingo

* classes/@ao/whiten2D.m: bug fix in the getDefaultPlist method.

2009-07-21 16:21 mauro

* test/test_ao_polyfit.m: Updated. Still not passing :(

2009-07-21 16:19 mauro

* classes/@ao/fromPolyval.m: - Removing unused plist - Still under
debugging

2009-07-21 16:15 mauro

* classes/@ao/consolidate.m: Solving a conflict between the
'method' option which applies both to interpmissing and and fixfs

2009-07-21 16:13 mauro

* classes/@ao/interpmissing.m: Now allows passing option 'method'

supported by the inner ao/interp UTP relevant

2009-07-21 16:11 mauro

- * classes/@ao/cos.m: - Restyled so to be similar to ao/sin - This also fixes a bug when applied to cdata objects

2009-07-21 16:10 mauro

- * classes/@ao/sin.m: Updated help

2009-07-21 16:08 mauro

- * classes/@ao/psd.m: - Renamed parameter to 'times' following Miquel suggestion - Removed old text help

2009-07-21 16:03 ingo

- * classes/@ao/sDomainFit.m: switching two default values

2009-07-21 16:02 ingo

- * classes/@ao/scale.m: bug fix: error in the constructing of the new default plist.

2009-07-21 15:37 ingo

- * classes/@ltpda_uoh/setProperties.m: More plist work. One of the 5.000.000

2009-07-21 14:40 ingo

- * classes/@tsdata/getX.m: There was a problem in line 38 where ts wasn't declared. This is the reason why i moved the setting of ts.

2009-07-21 14:21 ingo

- * classes/@ao/phase.m: Use the 'internal' switch to set the y-unit

2009-07-21 13:40 ingo

- * classes/@ltpda_uoh/type.m: More plist work. One of the 5.000.000

2009-07-21 11:47 miquel

- * classes/@ao/: psd.m, tfe.m: Removing variance field.

2009-07-21 11:35 miquel

- * classes/@ao/xspec.m: Method returns always variance. Removing conditions on variance field.

2009-07-21 11:28 miquel

- * classes/@ao/welch.m: Homogenizing error estimation in spectral methods. They all return the sample variance now. We compute always the variance since the Welford algorithm doesn't add any new loop -> removing the 'variance' field

2009-07-21 07:16 hewitson

- * test/: test_ipplot_2.m, test_miir_filter.m, test_miir_redesign.m, testing_xml.m: Fixed tests.

2009-07-21 06:10 mauro

- * classes/@smodel/elementOp.m: Bug fix

2009-07-21 05:56 mauro

- * classes/@smodel/setParams.m: Bug fix

2009-07-21 05:54 mauro

- * classes/@smodel/: setXunits.m, setYunits.m: Changed category to 'helper' so these methods do appear in the Library

2009-07-20 21:08 ingo

- * classes/@ao/ao.m: bug fix: Combine the input plists first before making an access to it.

2009-07-20 20:39 ingo

- * classes/@ao/ao.m: workaround for the plist of the set 'From Values' because the method expect an empty string as the default value for 'type'. I will change the behavior of the ao constructor later --> see MANTIS 55

2009-07-20 20:32 hewitson

- * classes/@smodel/: conj.m, convol_integral.m, det.m, eval.m, inv.m, setXunits.m, setXvals.m, times.m, char.m, diff.m, display.m, double.m, fitfunc.m, inv_laplace_transform.m, minus.m, mrdivide.m, mtimes.m, op.m, plus.m, rdivide.m, setParams.m,

setValues.m, setXvar.m, setYunits.m, simplify.m, smodel.m,
subs.m, sum.m: Plist work on the smodel class.

2009-07-20 20:03 hewitson

* classes/@rational/: rational.m, resp.m: More plist work.

2009-07-20 19:58 ingo

* classes/@plist/eq.m: compare only the default value of a
parameter and not all options.

2009-07-20 19:42 hewitson

* classes/@rational/: char.m, copy.m, display.m, getlowerFreq.m,
getupperFreq.m: some plist work.

2009-07-20 19:41 hewitson

* classes/@ao/cos.m: wrong default option

2009-07-20 19:41 hewitson

* classes/: @ao/spectrogram.m, @mfir/parseFilterParams.m,
@mfir/fromAO.m: If the window is specified as a string (as is
always the case in default plists now), then it is first
converted to a specwin object.

2009-07-20 19:40 hewitson

* classes/@ao/: upsample.m, tfe.m: Syntax error fixed.

2009-07-20 18:49 ingo

* classes/@ao/delay.m: bug fix: add missing bracket.

2009-07-20 16:55 mauro

* classes/@ao/psd.m: Test: introduced 'tran' option as a shortcut
to select a time-interval-based subsection of data to analyze
"Test" because I'd like to hear your comments ...

2009-07-20 16:07 adrien

* classes/@ssm/ssm.m: many changes: -better handling of validation
process -replaced unnecessary two input constructors -removed
deprecated functions simulate2 and ssm2iirpz - added ssm2miir and
ssm2pzmodel -corrected bug in ssm.paramnames, which did not work

in some cases

2009-07-20 16:06 adrien

* classes/@ssm/ssm2miir.m: same message as before

2009-07-20 16:05 adrien

* classes/@ssm/: ssm2iirpz.m, ssm2pzmodel.m, ssmFromMiir.m, ssmFromPzmodel.m: Replaced ssm2iirpz with 2 functions: -ssm2miir -ssm2pzmodel Added unit gestion also in ssm(pzmodel)

2009-07-20 15:59 adrien

* classes/@ssm/simulate.m: one bug corrected regarding the states reduction.

2009-07-20 15:58 adrien

* classes/@ssm/: keepparams.m, subspams.m: simplified code.

Indent corrected once for all.

2009-07-20 15:57 adrien

* classes/@ssm/kalman.m: removed ssm.cellstrfind is added here as a subfunction

2009-07-20 15:56 adrien

* classes/@ssm/double.m: added unit vectors as an output

2009-07-20 15:55 adrien

* classes/@ssmport/: fromStruct.m, ssmport.m, update_struct.m: structure conv. for ssmport. Needed for xmlread for ssm objects.

2009-07-20 15:55 adrien

* classes/@ssmblock/: fromStruct.m, ssmblock.m, update_struct.m: structure conv. for ssmblock. Needed for xmlread for ssm objects.

2009-07-20 15:54 adrien

* classes/@ssmblock/combine.m: A bug fix Required many modifs because I did not understand the code.

2009-07-20 15:12 hewitson

* classes/: @pzmodel/display.m, @pzmodel/mrdivide.m,
@pzmodel/mtimes.m, @pzmodel/setDelay.m, @pzmodel/times.m,
@parfrac/resp.m, @pzmodel/char.m, @pzmodel/fngen.m,
@pzmodel/getlowerFreq.m, @pzmodel/getupperFreq.m,
@pzmodel/pzm2ab.m, @pzmodel/pzmodel.m, @pzmodel/rdivide.m,
@pzmodel/resp.m, @pzmodel/simplify.m: More plist work.

2009-07-20 14:00 hewitson

* classes/@plist/: append.m, getIndexForKey.m, getSetRandState.m,
plist2cmds.m, pset.m, removeKeys.m, setDefaultForParam.m,
setOptionsForParam.m, setSelectionForParam.m, char.m, combine.m,
copy.m, display.m, eq.m, find.m, getDescriptionForParam.m,
getKeys.m, getOptionsForParam.m, getSelectionForParam.m,
isparam.m, nparams.m, plist.m, remove.m, resp.m,
setDescription.m, setDescriptionForParam.m, setName.m, string.m:
More plist work.

2009-07-20 13:36 hewitson

* classes/@parfrac/: char.m, display.m, getlowerFreq.m,
getupperFreq.m, parfrac.m, resp.m, respCore.m: More plist work.

2009-07-20 13:27 ingo

* classes/: @mfir/oldresp.m, @miir/oldresp.m: remove the 'old'
response functions of the filters because they are replaced by
response function in the ltpda_filter class.

2009-07-20 13:24 hewitson

* classes/: @miir/copy.m, @miir/display.m, @miir/miir.m,
@miir/redesign.m, @mfir/mfir.m, @miir/char.m, @miir/setHistin.m:
More plist work.

2009-07-20 13:08 hewitson

* classes/@mfir/: char.m, copy.m, display.m, mfir.m, redesign.m:
Updating plists and help text.

2009-07-20 13:06 miquel

* classes/@ao/conj.m: conj was applied by default to 'x', not to
'y'

2009-07-20 12:37 hewitson

* classes/@ao/: t0.m, tfe.m, timedomainfit.m, times.m, upsample.m, validate.m, var.m, zDomainFit.m, zeropad.m, split.m, table.m, tan.m, tdfit.m, timeshift.m, transpose.m, uminus.m, unwrap.m, whiten1D.m, whiten2D.m, x.m, xcorr.m, xfit.m, xunits.m, y.m, yunits.m: More plist work.

2009-07-20 09:47 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-20 09:15 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-07-20 09:01 mauro

* classes/@LTPDAworkbench/lib.mat: Updated library

2009-07-20 08:46 mauro

* classes/@ltpda_uoh/: string.m, type.m: Changed category to 'internal' so these methods don't appear in the Library UTP relevant?

2009-07-20 06:50 mauro

* classes/: @ao/attachmdl.m, @ao/char.m, @ao/extractm.m, @ao/extractmdl.m, @ao/md5.m, @ltpda_obj/isprop.m: Changed category to 'internal' so these methods don't appear in the Library UTP relevant?

2009-07-19 19:35 miquel

* classes/@ao/resample.m: changed default plist

2009-07-19 13:25 miquel

* classes/@ao/lfiltsubtract.m: changed default plist

2009-07-19 13:13 miquel

* classes/@ao/lftfe.m: corrected bug in the default plist

2009-07-19 12:35 miquel

* classes/@ao/linsubtract.m: corrected typo in the default plist

2009-07-19 12:35 miquel

* classes/@ao/lpsd.m: scale parameter was misssing in the default plist

2009-07-19 10:53 hewitson

* classes/@LTPDAworkbench/parseReadyBlocks.m: Added support for comment-out blocks. Now they are skipped and no commands for these blocks are added to the command list.

2009-07-19 10:52 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-07-18 19:51 hewitson

* classes/@ao/: sign.m, sin.m, sqrt.m, std.m, straightLineFit.m, sum.m, sumjoin.m, svd.m: More plist work.

2009-07-18 19:44 hewitson

* classes/@ao/: sign.m, simplifyYunits.m, sin.m, smallvector_lincom.m, smallvectorfit.m, smoother.m, sort.m, spectrogram.m, spikecleaning.m: More plist work.

2009-07-18 19:14 hewitson

* classes/@ao/: rdivide.m, resample.m, sDomainFit.m, search.m, select.m, setDescription.m, setDx.m, setDy.m, setFs.m, setMdlfile.m, setPlotinfo.m, setT0.m, setX.m, setXunits.m, setY.m, setYunits.m, setZ.m, real.m, rms.m, scale.m, setXY.m: More plist work.

2009-07-18 18:39 hewitson

* classes/@ao/: offset.m, acos.m, angle.m, asin.m, conj.m, cos.m, hypot.m, imag.m, ln.m, log.m, md5.m, mdc1_ifo2acc_fd_utn.m, mdc1_ifo2cont_utn.m, mdc1_ifo2control.m, mdc1_x2acc.m, mean.m, median.m, metropolis2D.m, min.m, minus.m, mode.m, mpower.m, mrddivide.m, mtimes.m, noisegen1D.m, noisegen2D.m, norm.m, normdist.m, nsecs.m, phase.m, polyfit.m, psdconf.m, atan.m, ctranspose.m, log10.m, max.m, mdc1_cont2act_utn.m, mdc1_ifo2acc_fd.m, mdc1_ifo2acc_inloop.m, metropolis1D.m, plus.m, power.m, psd.m: More plist work.

2009-07-18 18:38 hewitson

* classes/@ao/pwelch.m: This has been deprecated for a long time.

Time to remove it.

2009-07-18 14:01 hewitson

- * classes/@LTPDAworkbench/parseReadyBlocks.m: Added support for the new To Workspace blocks.

2009-07-18 14:01 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-07-18 13:50 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-07-18 13:50 hewitson

- * classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_importWBfromObjects.m: Added support on the MATLAB side for importing pipelines from objects, either from file or from the workspace.

2009-07-18 13:49 hewitson

- * classes/@LTPDAworkbench/cb_saveObjects.m: This is the callback that goes with the 'save objects' button on the workbench. Somehow I forgot to commit it earlier.

2009-07-17 20:02 hewitson

- * test/test_login_dialog.m: Test script that demonstrates the use of the new login dialog.

2009-07-17 20:02 hewitson

- * makeToolbox.m: install the new java login dialog jar file.

2009-07-17 20:01 hewitson

- * jar/LoginDialog.jar: New java-based login dialog.

2009-07-17 19:44 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-07-17 19:43 hewitson

- * classes/@LTPDAworkbench/LTPDAworkbench.m: Clear the list of units

and prefixes before adding those from the toolbox.

2009-07-17 17:21 hewitson

- * classes/: @ao/setMdlfile.m, @ssmblock/setName.m, @ssmport/setName.m: New setter methods.

2009-07-17 17:21 hewitson

- * classes/@ltpda_uoh/setProperties.m: Small bug fix for calling this without a plist.

2009-07-17 17:20 hewitson

- * classes/@LTPDAworkbench/parseReadyBlocks.m: Now handles attaching the workbench to all outputs of the blocks configured to do this.

This needs to be checked that we can then upload these objects to the database.

Then we need a way to read out this string and read it back in to the workbench.

2009-07-17 17:19 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-07-17 17:14 mauro

- * classes/@ao/setYunits.m: Changed default value to "", instead of unit("") to uniform with the other methods (and ease usage in the GUI)

2009-07-17 16:25 luigi

- * classes/@matrix/: elementOp.m, matrix.m, inv.m: inverse method for matrix class elementOp updated

2009-07-17 16:04 luigi

- * classes/@matrix/elementOp.m: element operations are not defined for ltpda_filter objects

2009-07-17 13:46 luigi

- * classes/@matrix/: ctranspose.m, matrix.m, transpose.m: transposes and ctranspose methods for matrix class

2009-07-17 13:18 ingo

- * classes/@plist/eq.m: Add exception list for param objects.

2009-07-17 13:17 ingo

- * classes/@minfo/minfo.m: Add new constructor for the string method.

2009-07-17 13:17 ingo

- * classes/@minfo/string.m: Add string method to the toolbox. This is not really necessary but I did this for the sake of completeness.

2009-07-17 12:51 ingo

- * classes/@matrix/matrix.m: add prototype for the size method.

2009-07-17 12:50 ingo

- * classes/@ltpda_uoh/csvexport.m: update header

2009-07-17 12:15 ingo

- * classes/@matrix/size.m: Add new method size which displays the size of the containing objects.

```
>> size(m) -> [2 3]
```

```
>> size(m,1) -> 2
```

```
>> size(m,2) -> 3
```

```
>> size(m, plist('dim', 2)) -> 3
```

2009-07-17 12:03 miquel

- * classes/@ao/metropolis2D.m: bug fix

2009-07-17 11:50 hewitson

- * m/built_in_models/: smodel_model_mdc1_fd_Sdf_imp.m, smodel_model_mdc1_fd_Ssus_imp.m, smodel_model_mdc1_fd_Tdf_imp.m, smodel_model_mdc1_fd_Ti1o12_imp.m, smodel_model_mdc1_fd_Tsus_imp.m, smodel_model_mdc1_fd_df_controller_imp.m, smodel_model_mdc1_fd_df_dynamics_imp.m, smodel_model_mdc1_fd_sus_controller_imp.m, smodel_model_mdc1_fd_sus_dynamics_imp.m: These are MDC1 models which I made awhile ago but forgot to add. They are parameterised by imperfections rather than by absolute parameter values.

2009-07-17 11:44 luigi

- * classes/@matrix/elementOp.m: added a set for the name of the output object

2009-07-17 11:38 ingo

- * classes/@ao/iplot.m: bug fix: Remove the double square brackets of the x-axis if the AO have tsdata.

2009-07-17 11:15 luigi

- * classes/@matrix/elementOp.m: changed to let it hopefully works with all kind of matrix objects

2009-07-17 11:05 hewitson

- * classes/: @ao/fftfilt.m, @smodel/double.m, @smodel/eval.m:
Tracked a bug in the fft filtering which arises if the model can not be numerically evaluated at 0Hz. To handle this, I changed the eval and double methods to test for a NaN appearing in the first bin of the model response. If a NaN appears, then the model is instead evaluated at a very small frequency (eps) which means we only approximate the model response at dc. This is a point for discussion.

2009-07-17 10:17 ingo

- * classes/@matrix/matrix.m: bug fix.

2009-07-17 10:12 ingo

- * classes/@matrix/matrix.m: Collect only ltpda_uoh object for the objs field.

2009-07-17 10:09 ingo

- * classes/@matrix/matrix.m: The objects inside the matrix keep the input shape. >> m = matrix([a,b;c,d]) >> m = matrix(a,b,c,d, plist('shape', [2 2]))

2009-07-17 09:54 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-07-17 09:54 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, lib.mat, mpl2jpl.m:
New library and support for the unit editor.

2009-07-17 09:54 hewitson

* classes/: @ao/ao.m, @paramValue/paramValue.m: Didn't like the list of unit options. This was too restrictive. So now the units (at least in the AO class) are now free strings but set to their proper defaults. We can use the special editor on the GUI for these parameters to give the user lists of available units.

2009-07-16 20:22 ingo

* classes/: @ao/csvGenerateData.m, @ltpda_uoh/csvGenerateData.m, @ltpda_uoh/csvexport.m, @ltpda_uoh/ltpda_uoh.m, @ao/ao.m: Add new method which exports the AO data in a Comma separated file.

2009-07-16 17:00 hewitson

* classes/@ao/fftfilt.m: Bug fix: when I added the history earlier today, the plist was not defined.

2009-07-16 16:47 mauro

* classes/: @ao/ao.m, @unit/unit.m: Implemented (and used) "" (empty) unit as supported.

2009-07-16 15:37 hewitson

* classes/@ao/: LinSubtract.m, lFiltSubtract.m, lcohere.m, lcpd.m, le.m, len.m, lincom.m, linedetect.m, lisovfit.m, ln.m, log.m, log10.m, lpsd.m, lscov.m, lt.m, ltfe.m: And yet more plist work...

2009-07-16 15:34 hewitson

* classes/@LTPDAworkbench/lib.mat: New library file.

2009-07-16 14:03 ingo

* classes/: @msym/msym.m, @smodel/smodel.m: Bug fix: The class msym should convert the expression into a string and not the smodel class because we have forgotten at least one case to convert a number into a string. for example: smodel(plist('expression', 2))

2009-07-16 13:59 hewitson

* classes/@ao/: heterodyne.m, hist.m, hypot.m, ifft.m, imag.m,

interp.m, interpmissing.m, inv.m, iplot.m, join.m: More plist work.

2009-07-16 13:51 luigi

* classes/@matrix/elementOp.m: updated to let it works also with a smodel and a number as inputs

2009-07-16 13:50 luigi

* classes/@matrix/det.m: det method for matrix class. It should be general (not restricted to smodel). It tested it works for smodels, still not tested on other kind of objects

2009-07-16 12:32 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-16 12:21 hewitson

* classes/@ao/ao.m: Uses the TRUE_FALSE static call.

2009-07-16 12:19 hewitson

* classes/@ao/: gapfilling.m, gapfillingoptim.m, ge.m, getdof.m, gt.m: Plist work.

2009-07-16 12:19 hewitson

* classes/@ao/fromDatafile.m: fix the English usage.

2009-07-16 12:19 hewitson

* classes/@paramValue/paramValue.m: add a TRUE_FALSE static option.

2009-07-16 11:48 hewitson

* classes/: @ao/ao.m, @paramValue/paramValue.m: Added and used paramValue.UNIT. Do we want this? This means the user can only choose from the supported units.... But how can they specify prefixes? Perhaps this is not a good idea.....

2009-07-16 11:40 hewitson

* classes/@ao/: firwhiten.m, fixfs.m, fngen.m, fs.m: More plist work.

2009-07-16 11:40 hewitson

* classes/@paramValue/paramValue.m: Added WINDOW and DETREND_ORDER static param values.

2009-07-16 11:14 hewitson

* classes/@ao/: abs.m, filtfilt.m, find.m, firwhiten.m: More plist work. There was a bug in the abs default value. Someone should check! - maybe the UTPs catch this?

2009-07-16 10:54 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-07-16 10:53 hewitson

* classes/@ao/ao.m: Bug fix: got the wrong method name.

2009-07-16 09:38 hewitson

* classes/@ao/ao.m: Syntax error fixed.

2009-07-16 09:29 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-07-16 09:27 hewitson

* classes/@ao/: export.m, extractm.m, extractmdl.m, fft.m, ftfilt.m, filter.m: More plist editing. A few more down, still about 5,000,000,000 to go.

2009-07-16 09:10 mauro

* classes/+utils/@math/fpsder.m: Help link fixed

2009-07-16 09:08 hewitson

* classes/: @ao/ao.m, @paramValue/paramValue.m: Made and use standard paramValue static options for YES_NO and DATA_TYPE.

2009-07-16 06:25 mauro

* classes/@ao/psd.m: More plist editing. One down ...

2009-07-15 22:35 mauro

* classes/@ao/ao.m: Default xunits for: - From pzmodel - From

waveform - From time-series Function are set to 's' because these constructors use sampling frequency and number of seconds. Added a link to parameters description also at the end of the help

2009-07-15 20:00 ingo

- * `html_help/help/ug/trouble_shooting_content.html`: Add trouble shooting for the problem which will user have which have the operating system Windows XP and tries to execute MEX files.

2009-07-15 18:27 ingo

- * `classes/@plist/: getKeys.m, plist.m`: Add `gettet` to get all keys of a single parameter list.

2009-07-15 18:23 hewitson

- * `classes/@ao/`: `cohere.m, consolidate.m, conv.m, convert.m, cos.m, cov.m, cpsd.m, ctranspose.m, delay.m, demux.m, det.m, detrend.m, dft.m, diag.m, diff.m, dispersion.m, display.m, dopplercorr.m, downsample.m, dropduplicates.m, dsmean.m, dx.m, dy.m, eig.m, eqmotion.m, evaluateModel.m, exp.m`: More plist editing. A few down, 5,000,000,000 to go.

2009-07-15 18:08 ingo

- * `classes/@plist/setDescriptionForParam.m`: bug fix: Used the wrong method.

2009-07-15 18:07 ingo

- * `classes/@plist/: getDescriptionForParam.m, getOptionsForParam.m, getSelectionForParam.m`: Add new getter methods.

2009-07-15 18:07 ingo

- * `classes/@plist/plist.m`: Add prototypes for the new getter methods.

2009-07-15 17:53 ingo

- * `classes/@plist/string.m`: Remove the 'description' from the rebuilding of the plists.

2009-07-15 17:26 hewitson

- * `jar/MPipeline.jar`: Updated jar file.

2009-07-15 17:26 hewitson

- * classes/@LTPDAworkbench/: lib.mat, mpl2jpl.m, rebuildLibrary.m: Now the parameter descriptions are properly uploaded to the workbench and the new html formatted parameter descriptions appear as tooltips on the plist table.

2009-07-15 17:02 ingo

- * classes/@matrix/copy.m: bug fix: Initialize 'objs' with empty objects before we copy the objects.

2009-07-15 16:56 hewitson

- * classes/@ao/ao.m: Missing semi-colon.

2009-07-15 16:47 adrien

- * classes/@ssm/simulate.m: Better initialization, and no bug if requested output is forgotten

2009-07-15 16:45 hewitson

- * classes/@ao/: ao.m, conj.m: More formatting, and testing using html tags to make nicer output.

2009-07-15 16:45 hewitson

- * classes/@minfo/tohtml.m: even nicer formatting.

2009-07-15 16:26 hewitson

- * classes/@ao/: complex.m, compute.m, confint.m: More plist conversion.

2009-07-15 16:26 hewitson

- * classes/@minfo/tohtml.m: Nicer formatting of options.

2009-07-15 16:10 hewitson

- * classes/@ao/: angle.m, asin.m, atan.m, atan2.m, attachm.m, attachmdl.m, cat.m, char.m, cohere.m: More plist conversion.

2009-07-15 16:09 hewitson

- * classes/+utils/@prog/cell2str.m: Add a space in cell2str to allow long cell-arrays to break over multiple lines.

2009-07-15 15:50 luigi

- * classes/@matrix/: elementOp.m, matrix.m, minus.m, plus.m, rdivide.m, times.m: first attempt to implement basic matrix operations +,-,*,./ for the matrix class

2009-07-15 15:41 hewitson

- * classes/@ao/ao2m.m: This has been deprecated for some time now, so we can remove it.

2009-07-15 15:37 hewitson

- * classes/@ao/: abs.m, acos.m, angle.m, ao.m: Changed to the new plist format for all sets.

2009-07-15 15:37 hewitson

- * classes/@ao/fromSModel.m: changed the function name and the help

2009-07-15 15:37 hewitson

- * classes/@paramValue/paramValue.m: Two new static methods for creating empty string and empty double param values.

2009-07-15 15:09 adrien

- * classes/@ssm/ssm.m: function to retrieve old paramnames field

2009-07-15 15:07 adrien

- * classes/@ssm/validate.m: validate debug for new paramters

2009-07-15 15:06 adrien

- * classes/@plist/: plist.m, posparam.m: posparam routine is not useful anymore.

2009-07-15 14:31 adrien

- * classes/@ssm/: inputnames.m, inputvarnames.m, outputnames.m, outputvarnames.m, ssm.m, ssnames.m, ssvarnames.m: These small functions -now call the ssmblock subroutine -are put in the ssm file to diminish maintenance -will be delete in the fututre when these calls are no longer used

2009-07-15 13:58 adrien

* classes/@ssm/: reduce_model.m, simulate.m: modifying calls to makePortIndex

2009-07-15 13:57 adrien

* classes/@ssmblock/makePortIndex.m: modifying order so that first argument is the object, and this behaves like a method

2009-07-15 13:33 hewitson

* classes/+utils/+const/@categories/categories.m: Added a new category for 'converter' methods.

2009-07-15 13:30 adrien

* classes/: @ssmblock/makePortIndex.m, @ssmblock/ssmblock.m, @ssm/makePortIndex.m, @ssm/ssm.m: makePortIndex should be a ssmblock class helper

2009-07-15 12:24 hewitson

* classes/@ssm/: addParameters.m, getParameters.m, setParameters.m, setValuesForParams.m: New methods for conveniently handling SSM model parameters.

2009-07-15 12:19 adrien

* classes/@ssm/: cellstrfind.m, ssm.m: this subroutine should not be useful anymore

2009-07-15 12:12 adrien

* classes/@ssm/: buildParamPlist.m, ssm.m: new param plist builder for current ssm models

2009-07-15 11:42 hewitson

* classes/@ssm/: setBlockNames.m, setPortNames.m: Two new convenient setter methods.

2009-07-15 10:56 adrien

* classes/@plist/: embeddedPlistPrune.m, plist.m: method for embedded plist pruning is not useful anymore, as embedded plists are out of the ssm class

2009-07-15 10:24 adrien

* classes/@ssm/buildNestedPlist.m: Old plist constructor helper for inputs/outputs is not useful anymore

2009-07-15 10:10 adrien

* classes/@ssm/validate.m: Bug corrected in the matrix size identification

2009-07-15 10:10 adrien

* classes/@ssmblock/ssmblock.m: new function getNames return block and portnames arrays

2009-07-15 10:09 adrien

* classes/@ssm/ssm.m: default plists up-to-date

2009-07-15 10:09 adrien

* classes/@ssm/assemble.m: forbidden usage corrected

2009-07-15 09:45 hewitson

* classes/@ssmblock/combine.m: We want unique blocks, not unique ports.

2009-07-14 22:46 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-14 19:55 ingo

* classes/: @cdata/applymethod.m, @cdata/applyoperator.m, @cdata/char.m, @cdata/copy.m, @cdata/display.m, @cdata/getDy.m, @cdata/getY.m, @cdata/setDy.m, @cdata/setY.m, @cdata/setYunits.m, @data2D/applymethod.m, @data2D/applyoperator.m, @data2D/char.m, @data2D/getDx.m, @data2D/getDy.m, @data2D/getX.m, @data2D/getY.m, @data2D/setDx.m, @data2D/setDy.m, @data2D/setX.m, @data2D/setXY.m, @data2D/setXunits.m, @data2D/setY.m, @data2D/setYunits.m, @data3D/getZ.m, @data3D/setZ.m, @data3D/setZunits.m, @fsdata/copy.m, @fsdata/display.m, @fsdata/setEnbw.m, @fsdata/setFs.m, @fsdata/setNavs.m, @fsdata/setT0.m, @history/char.m, @history/copy.m, @history/display.m, @history/dotview.m, @history/getNodes.m, @history/getObjectClass.m, @history/hist2dot.m, @history/hist2m.m, @history/plot.m, @history/rebuild.m, @history/string.m, @minfo/char.m, @minfo/copy.m,

@minfo/display.m, @minfo/setArgsmax.m, @minfo/setArgsmin.m,
@minfo/setModifier.m, @minfo/setMversion.m, @minfo/setOutmax.m,
@minfo/setOutmin.m, @minfo/tohtml.m, @param/char.m,
@param/copy.m, @param/display.m, @param/getVal.m, @param/mux.m,
@param/setDesc.m, @param/setKey.m, @param/setKeyVal.m,
@param/setVal.m, @param/string.m, @paramValue/char.m,
@paramValue/copy.m, @paramValue/display.m,
@paramValue/getOptions.m, @provenance/char.m, @provenance/copy.m,
@provenance/display.m, @provenance/string.m, @pz/char.m,
@pz/copy.m, @pz/cp2iir.m, @pz/cz2iir.m, @pz/display.m,
@pz/resp.m, @pz/rp2iir.m, @pz/rz2iir.m, @pz/string.m,
@specwin/char.m, @specwin/copy.m, @specwin/display.m,
@specwin/plot.m, @specwin/string.m, @ssmblock/copy.m,
@ssmblock/display.m, @ssmblock/string.m, @ssmport/copy.m,
@ssmport/display.m, @ssmport/string.m, @time/char.m,
@time/copy.m, @time/display.m, @time/format.m,
@time/getTimezones.m, @time/minus.m, @time/plus.m,
@time/setEpochtime.m, @time/setTime_str.m, @time/setTimeformat.m,
@time/setTimezone.m, @time/string.m, @tsdata/collapseX.m,
@tsdata/copy.m, @tsdata/display.m, @tsdata/fixNsecs.m,
@tsdata/getX.m, @tsdata/growT.m, @tsdata/setFs.m,
@tsdata/setNsecs.m, @tsdata/setT0.m, @unit/copy.m,
@unit/display.m, @unit/eq.m, @unit/factor.m, @unit/ne.m,
@unit/string.m, @unit/tolabel.m, @xydata/copy.m,
@xydata/display.m, @xyzdata/char.m, @xyzdata/copy.m,
@xyzdata/display.m: Remove all 'getInfo' parts from the non user
object methods because this getInfo part is only necessary for
the GUI -> user objects.

2009-07-14 19:41 ingo

* classes/@ltpda_uoh/setProperties.m: bug fix: Replace
"pl.append('internal', 'yes')" with "pl.spet('internal', 'yes')"
because it might be that 'internal' is already a key of the
plist.

2009-07-14 19:37 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-14 18:59 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-07-14 18:58 hewitson

* classes/@LTPDAworkbench/lib.mat: No real changes. Don't know why
cvs thinks they changed.

2009-07-14 18:57 hewitson

* classes/@LTPDAworkbench/parseReadyBlocks.m: Added support for mux and demux.

2009-07-14 18:13 ingo

* classes/: @param/getProperty.m, @param/param.m, @param/setProperty.m, @paramValue/copy.m, @paramValue/display.m, @paramValue/getProperty.m, @paramValue/paramValue.m, @paramValue/setProperty.m, @plist/getPropertyForKey.m, @plist/plist.m, @plist/setPropertyForKey.m: Add new property with the name 'property' to the paramValue class. For this I did the following: 1.) paramValue/display method displays the new properties 2.) Add the new field to the copy method. 3.) created getter and setter methods in the classes: paramValue, param and plist. 4.) The user should use the plist methods: setPropertyForKey(obj, key, propName, val) and getPropertyForKey(obj, key, propName)

2009-07-14 17:27 adrien

* classes/@ssmport/ssmport.m: bug correction for auto-generated port units

2009-07-14 17:27 adrien

* classes/@ssmblock/ssmblock.m: correcting une bug and optimizing another part of the code

2009-07-14 17:26 adrien

* classes/@ssm/ssm.m: slight cleaning up

2009-07-14 17:25 adrien

* classes/@ssm/: reduce_model.m, simulate.m: code cleaning

2009-07-14 17:25 adrien

* classes/@ssm/: assemble.m, validate.m: debugging

2009-07-14 15:53 adrien

* m/built_in_models/: ssm_model_standard_system_noparams.m, ssm_model_standard_system_params.m: removing these ones as they are in the "other CVS". Avoids double maintenance and errors

2009-07-14 14:42 adrien

* classes/@ssmport/ssmport.m: method was added twice!

2009-07-14 14:35 adrien

* classes/@ssmport/ssmport.m: New methods.

2009-07-14 14:30 adrien

* classes/@ssmblock/ssmblock.m: new static methods

2009-07-14 14:23 adrien

* classes/@ssm/: assemble.m, double.m, inputnames.m, inputvarnames.m, makePortIndex.m, outputnames.m, outputvarnames.m, reduce_model.m, simulate.m, ssm.m, ssmFromMiir.m, ssmFromParfrac.m, ssmFromPzmodel.m, ssmFromRational.m, ssmFromss.m, ssnames.m, ssvarnames.m, validate.m: Changes to work with SSMBLOCK class for i/s/o

2009-07-14 13:51 ingo

* classes/: @ao/ao.m, @cdata/cdata.m, @filterbank/filterbank.m, @fsdata/fsdata.m, @history/history.m, @matrix/matrix.m, @mfir/mfir.m, @miir/miir.m, @minfo/minfo.m, @msym/msym.m, @param/param.m, @paramValue/paramValue.m, @parfrac/parfrac.m, @plist/plist.m, @provenance/provenance.m, @pz/pz.m, @pzmodel/pzmodel.m, @rational/rational.m, @smodel/smodel.m, @specwin/specwin.m, @ssm/ssm.m, @ssmblock/ssmblock.m, @ssmport/ssmport.m, @time/time.m, @timespan/timespan.m, @tsdata/tsdata.m, @unit/unit.m, @xydata/xydata.m, @xyzdata/xyzdata.m: Add a new static method 'initObjectWithSize' to all classes. With this method it is possible to create an object of this class with the given size (even zero by zero)

2009-07-14 12:16 hewitson

* classes/@ssmblock/: addPorts.m, combine.m, containsPort.m: Some more useful methods for the ssmblock class.

2009-07-13 19:33 hewitson

* classes/@ssmblock/: getPorts.m, getPortsAtIndices.m, getPortsWithName.m: Some reasonably optimised accessor methods.

2009-07-13 18:41 ingo

* makeToolbox.m: Rename the ltpdamodel class to smodel.

2009-07-13 17:59 ingo

* m/built_in_models/: smodel_model_mdc1_fd_Sdf.m,
smodel_model_mdc1_fd_Ssus.m, smodel_model_mdc1_fd_Tdf.m,
smodel_model_mdc1_fd_Ti1o12.m, smodel_model_mdc1_fd_Tsus.m,
smodel_model_mdc1_fd_df_controller.m,
smodel_model_mdc1_fd_df_dynamics.m,
smodel_model_mdc1_fd_sus_controller.m,
smodel_model_mdc1_fd_sus_dynamics.m, smodel_model_mdc2_act_mat.m,
smodel_model_mdc2_control_mat.m,
smodel_model_mdc2_conversion_mat.m, smodel_model_mdc2_dyn.m,
smodel_model_mdc2_dyn_mat.m, smodel_model_mdc2b_ifo2ifo.m,
smodel_model_mdc2b_ifo2ifo.mu,
smodel_model_mdc2r2_FisMat_i12o12.mu,
smodel_model_mdc2r2_FisMat_i1o1.mu,
smodel_model_mdc2r2_FisMat_i1o12.mu,
smodel_model_mdc2r2_ifo2ifo.m, smodel_model_mdc2r2_ifo2ifo.mu,
smodel_model_mdc2r2_ifo2ifo_match.mu, smodel_model_mdc3_C.m,
smodel_model_mdc3_D.m, smodel_model_mdc3_act_mat.m,
smodel_model_mdc3_control_mat.m,
smodel_model_mdc3_control_mat_v2.m,
smodel_model_mdc3_conversion_mat.m,
smodel_model_mdc3_conversion_mat_v2.m, smodel_model_mdc3_dC.m,
smodel_model_mdc3_dD.m, smodel_model_mdc3_dS.m,
smodel_model_mdc3_dgi.m, smodel_model_mdc3_dyn_mat.m,
smodel_model_mdc3_dyn_mat_v2.m,
smodel_model_mdc3_force_noise_mat.m, smodel_model_mdc3_gi.m,
smodel_model_mdc3_ifo2ifo_mat.m,
smodel_model_mdc3_ifo2ifo_mat_v2.m,
smodel_model_mdc3_ifo2ifo_noise_mat.m,
smodel_model_mdc3_ifo2ifo_noise_mat_v2.m,
smodel_model_mdc3_ifo_noise_mat.m, smodel_model_mdc3_linresp.m,
smodel_model_mdc3_S.m, smodel_model_mdc3_nomresp.m,
smodel_model_mdc3_oi.m, smodel_model_oscillator_fd_tf.m,
smodel_model_oscillator_sine.m, smodel_model_oscillator_step.m,
smodel_model_sinewave.m, smodel_model_squarewave.m,
smodel_model_step.m: Rename the ltpdamodel models to smodel
models.

2009-07-13 17:57 ingo

* classes/: @ao/ao.m, @ao/dispersion.m, @ao/fftfit.m,
@ao/fromLTPDAmodel.m, @ao/fromSModel.m, @ao/metropolis1D.m,
@ao/metropolis2D.m, @ao/tdfit.m, @ao/xfit.m, @matrix/matrix.m,
@smodel/char.m, @smodel/conj.m, @smodel/convol_integral.m,

@smodel/copy.m, @smodel/det.m, @smodel/diff.m, @smodel/display.m,
@smodel/double.m, @smodel/elementOp.m, @smodel/eval.m,
@smodel/fitfunc.m, @smodel/fromDatafile.m,
@smodel/fromExpression.m, @smodel/fromStruct.m, @smodel/inv.m,
@smodel/inv_laplace_transform.m, @smodel/minus.m,
@smodel/mrdivide.m, @smodel/mtimes.m, @smodel/op.m,
@smodel/plus.m, @smodel/rdivide.m, @smodel/setParams.m,
@smodel/setValues.m, @smodel/setXunits.m, @smodel/setXvals.m,
+utils/@helper/ltpda_classes.m, @smodel/setXvar.m,
@smodel/setYunits.m, @smodel/simplify.m, @smodel/smodel.m,
@smodel/subs.m, @smodel/sum.m, @smodel/times.m,
@smodel/update_struct.m: Rename the ltpdamodel class to smodel.

2009-07-13 17:55 ingo

* classes/@filterbank/: filterbank.m, fromFilters.m: small changes
in the comments.

2009-07-13 17:08 hewitson

* makeToolbox.m, classes/+utils/@helper/ltpda_classes.m: added the
two new ssm support classes.

2009-07-13 17:07 hewitson

* classes/: @ssmblock/char.m, @ssmblock/copy.m,
@ssmblock/display.m, @ssmblock/ssmblock.m, @ssmblock/string.m,
@ssmport/char.m, @ssmport/copy.m, @ssmport/display.m,
@ssmport/ssmport.m, @ssmport/string.m: New support class for ssm
models. This is nicer than using nested plists.

2009-07-13 16:01 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-13 16:00 hewitson

* classes/@LTPDAworkbench/: lib.mat, mpl2jpl.m: Better treatment of
single numeric values.

2009-07-13 15:14 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library

2009-07-13 14:51 adrien

* classes/@ssm/isstable.m: try-catch to avoid NaNs

2009-07-13 14:51 adrien

- * classes/@ssm/makePortIndex.m: indexing function to replace cell_array_index

2009-07-13 14:50 adrien

- * classes/@ssm/validate.m: code optimization for faster plist

2009-07-13 14:49 adrien

- * classes/@ssm/assemble.m: correcting small bug

2009-07-13 14:48 hewitson

- * classes/@ao/tdfit.m: Added some error calculation but this needs to be checked to be correct.

2009-07-13 14:44 hewitson

- * jar/MPipeline.jar: Update jar file.

2009-07-13 08:53 hewitson

- * jar/MPipeline.jar: Jar file update.

2009-07-13 08:52 hewitson

- * classes/@LTPDAworkbench/lib.mat: Updated library.

2009-07-12 11:31 hewitson

- * classes/@ao/tdfit.m: A first version of a function to do time-domain fitting. It can fit a set of ltpdamodels to a set of input and output AOs. So far there is no error estimation because it's not so clear how to do that yet: needs some thought.

2009-07-12 10:31 hewitson

- * classes/@ao/xfit.m: Also supports inputs ltpdamodel (smodel) now.

2009-07-12 10:04 hewitson

- * classes/@ao/xfit.m: A new non-linear fitting routine which fits a function of X to the data. This is meant to replace curvefit. It is simplified and just uses fminsearch to do a minimisation. The covariance matrix is computed by estimating the Jacobian of the χ^2 surface around the best fit point. Monte-Carlo tests show

that these error estimates are good (document to come).

So far this fitting method has no limits on the parameters and no weighting.

2009-07-12 10:01 hewitson

- * classes/@ao/export.m: Works with cdata as well now, just exporting a single column.

2009-07-11 18:37 hewitson

- * classes/@tsdata/getX.m: Small bug fix

2009-07-11 15:24 hewitson

- * classes/@ltpda_uoh/setProperties.m: Replace ismethod with try-catch because this is much faster.

2009-07-11 15:23 hewitson

- * classes/@plist/parse.m: replace ismember with the faster any(strcmp)

2009-07-11 14:45 hewitson

- * classes/: @data2D/getX.m, @data2D/getY.m, @tsdata/getX.m: Some optimisation. Firstly I believe we don't need getInfo calls for non-user class methods. If that's right we should remove that from all methods in the non-user classes because it's slow. Also did some other optimisations.

2009-07-10 16:22 hewitson

- * m/helper/mc.m: we need to validate the prefs here as well, at least until the xml bug is fixed.

2009-07-10 15:14 hewitson

- * classes/@LTPDAworkbench/mpl2jpl.m: Just some code cleanup.

2009-07-10 15:13 hewitson

- * jar/MPipeline.jar: Update jar files.

2009-07-10 14:50 hewitson

- * classes/@LTPDAworkbench/: lib.mat, mpl2jpl.m: Plists are properly

put in the library including their options now so that popup menus allow you to choose from a list of options in the plist table on the gui.

2009-07-10 14:08 hewitson

- * classes/: @LTPDAworkbench/lib.mat, @LTPDAworkbench/rebuildLibrary.m, @minfo/tohtml.m: The options for a plist are now displayed in the html tables.

2009-07-10 13:53 hewitson

- * classes/@ao/psd.m: Reformatted the default plist to make it more readable and manageable given the new plist/param constructors.

Also removed the test option/description parts until we get that constructor code implemented.

2009-07-10 13:52 hewitson

- * classes/: @param/getDefaultVal.m, @param/getOptions.m, @param/param.m, @paramValue/getOptions.m, @paramValue/getVal.m, @paramValue/paramValue.m: Two new convenient getters.

2009-07-10 13:52 hewitson

- * classes/@plist/getIndexForKey.m: Somehow I never added this to the CVS; well here it is now.

2009-07-10 13:23 hewitson

- * jar/MPipeline.jar: Update jar file.

2009-07-10 13:22 hewitson

- * classes/@LTPDAworkbench/: lib.mat, rebuildLibrary.m: Changes to allow showing the plist tables on the GUI help dialog.

2009-07-09 21:20 hewitson

- * jar/MPipeline.jar: Jar update.

2009-07-09 21:18 hewitson

- * classes/@LTPDAworkbench/: jpl2mpl.m, lib.mat: to support activation of individual parameters.

2009-07-09 16:55 hewitson

* classes/@filterbank/display.m: small bug fix.

2009-07-09 16:55 hewitson

* makeToolbox.m, classes/+utils/@helper/ltpda_classes.m: Additions for the matrix class.

2009-07-09 16:54 hewitson

* classes/@matrix/: char.m, copy.m, display.m, matrix.m: The beginnings of the new matrix class for testing.

2009-07-09 16:52 mauro

* html_help/help/ug/repo_submit_content.html: Typo fixed

2009-07-09 16:17 mauro

* classes/@ao/psd.m: Begin to implement the parameter value listing (mostly to support drop-down selection of allowed values inside the GUI) To be implemented in all other methods ...

2009-07-09 16:04 hewitson

* jar/MPipeline.jar: Jar update.

2009-07-09 16:04 hewitson

* classes/@LTPDAworkbench/: jpl2mpl.m, lib.mat, mpl2jpl.m: Updates to make the handling of plists better. Now numerical values are kept as strings like in the old behaviour so that we can write expressions as well as numbers.

2009-07-08 18:17 mauro

* classes/@ao/join.m: Updated message

2009-07-08 18:17 mauro

* classes/@ao/phase.m: Added unit handling

2009-07-08 18:16 mauro

* classes/@unit/unit.m: Added 'deg' to the list of supported units

2009-07-06 16:38 ingo

* classes/@ltpda_uoh/addHistory.m: Bug fix: If a 'history-plist' contains a user object (ltpda_obj) then it is only stored the history of this object. The problem was that the command "[p.getVal(:).hist]" doesn't work because the value of a plist is not longer a single value it is now a object. I have removed the brackets with the colon "(:)" and it seems that it works. Also if the value is an array of objects.

2009-07-06 12:20 ingo

* classes/+utils/@helper/xmlread.m: bug fix: is the object type is a struct but the object is empty then create an empty structure.

2009-07-06 12:19 ingo

* classes/+utils/@helper/xmlwrite.m: skip only empty objects inside user-objects (derived from ltpda_obj class) and not longer empty fields inside structures.

2009-07-06 11:09 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-04 13:22 hewitson

* jar/MPipeline.jar: Update jar file.

2009-07-04 13:19 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, lib.mat: Added a callback that allows the user to save the outputs of the selected blocks to a file on disk. The objects are collected together in a cell-array and this array is placed in a plist with the key 'COLLECTION'.

2009-07-04 12:51 hewitson

* classes/@LTPDAprefs/LTPDAprefs.m, m/etc/ltpda_startup.m: A workaround for the problem coming from the new way of saving structs to XML file: empty fields are not saved so the prefs structure is incomplete. I've created a validatePrefs static method which makes sure the prefs struct has all the correct fields. This is just a workaround and we need rather to fix the XML writing so that structs are saved completely.

2009-07-03 15:35 nicola

* classes/@ao/ao.m: Added a deprecation warning whenever old param

keys are used.

2009-07-02 16:34 hewitson

* jar/MPipeline.jar: Update jar files.

2009-07-02 15:45 nicola

* classes/@ao/: ao.m, fromDatafile.m, fromPolyval.m, fromVals.m:
Uniformed parameters names (mantis bug 24).

2009-07-01 14:12 hewitson

* jar/MPipeline.jar: Update jar files.

2009-07-01 13:03 adrien

* classes/@ssm/assemble.m, classes/@ssm/copy.m,
classes/@ssm/double.m, classes/@ssm/findParams.m,
classes/@ssm/getParamValues.m, classes/@ssm/minreal.m,
classes/@ssm/modify.m, classes/@ssm/reduce_model.m,
classes/@ssm/setparams.m, classes/@ssm/simulate.m,
classes/@ssm/sminreal.m, classes/@ssm/ssmFromDescription.m,
classes/@ssm/ssmFromMiir.m, classes/@ssm/ssmFromPzmodel.m,
classes/@ssm/ssmFromRational.m, classes/@ssm/ssmFromss.m,
classes/@ssm/subsparams.m, classes/@ssm/validate.m,
html_help/help/ug/bycategory_content.html,
test/test_ssm/test_ssm_assemble.m,
test/test_ssm/test_ssm_assemble_loop.m,
test/test_ssm/test_ssm_generate_group.m,
test/test_ssm/test_ssm_random_generate.m,
test/test_ssm/test_ssm_simulate.m,
test/test_ssm/xyCouplingTest.m: modified functions to fit the new
class. Not completely debugged.

2009-07-01 13:03 adrien

* classes/@ssm/cell_add.m: display bug fix

2009-07-01 12:59 adrien

* classes/: @plist/embeddedPlistPrune.m, @plist/plist.m,
@plist/posparam.m, @ssm/buildNestedPlist.m,
@ssm/cellArrayPrune.m, @ssm/cell_index.m, @ssm/cell_select.m,
@ssm/keepparams.m: modifications to be able to deal with indexing
in new fields

2009-07-01 12:55 adrien

* classes/@ssm/: inputnames.m, inputvarnames.m, outputnames.m, outputvarnames.m, ssnames.m, ssvarnames.m: These functions allow calls to the old fields. Careful: the old fields do not exist anymore!

2009-07-01 12:54 adrien

* classes/@ssm/: modifparams.m, reduce.m, simulate2.m: These three functions are deprecated

2009-07-01 12:53 adrien

* classes/@ssm/ssm.m: changes on the +new+ ssm class

2009-06-30 20:56 hewitson

* jar/MPipeline.jar: Updated jar files.

2009-06-30 19:21 hewitson

* jar/MPipeline.jar: Updated jar files.

2009-06-30 19:07 ingo

* classes/@paramValue/copy.m: BUG FIX: Make a deep copy if 'options' contains LTPDA objects!

2009-06-30 12:06 ingo

* classes/@ltpda_uoh/report.m: Change the default directory for the necessary report files to the temporary folder. But if a user specify a folder then stores the method the files in the current MATLAB folder (pwd) plus the user folder.

2009-06-29 19:50 nicola

* classes/@ao/lscov.m: Now the procinfo of each output contains only the stdx of the corresponding cdata output.

2009-06-29 10:34 luigi

* m/built_in_models/: ltpdamodel_model_mdc3_S.m, ltpdamodel_model_mdc3_dS.m: updated

2009-06-29 10:24 luigi

* m/built_in_models/ltpdamodel_model_mdc3_S.m: conversion matrix

model

2009-06-29 10:24 luigi

- * m/built_in_models/: ltpdamodel_model_mdc3_C.m, ltpdamodel_model_mdc3_D.m, ltpdamodel_model_mdc3_dC.m, ltpdamodel_model_mdc3_dD.m, ltpdamodel_model_mdc3_dS.m, ltpdamodel_model_mdc3_ifo2ifo_noise_mat.m: - corrected an error in noise model - help updated - params updated in dS

2009-06-26 13:28 ingo

- * classes/@plist/removeKeys.m: New PLIST method which remove multiple keys from a PLIST. For example: pl = removeKeys(pl, 'key'); pl = removeKeys(pl, {keys}); pl = removeKeys(pl, plist('remove', {keys}));

2009-06-26 13:26 ingo

- * classes/@param/getVal.m: I tried to speed up this method.

2009-06-25 18:06 luigi

- * m/built_in_models/: ltpdamodel_model_mdc3_force_noise_mat.m, ltpdamodel_model_mdc3_ifo2ifo_noise_mat.m, ltpdamodel_model_mdc3_oi.m: some bugs fixed, noise models need further debug

2009-06-25 17:25 ingo

- * classes/@ao/phase.m: Leave the error 'dy' empty if the error was empty.

2009-06-25 12:17 luigi

- * m/built_in_models/ao_model_mdc3_input_signals.m: input signals for mdc3

2009-06-25 12:16 luigi

- * m/built_in_models/: ltpdamodel_model_mdc3_C.m, ltpdamodel_model_mdc3_D.m, ltpdamodel_model_mdc3_dC.m, ltpdamodel_model_mdc3_dD.m, ltpdamodel_model_mdc3_dS.m, ltpdamodel_model_mdc3_dgi.m, ltpdamodel_model_mdc3_gi.m, ltpdamodel_model_mdc3_linresp.m, ltpdamodel_model_mdc3_nomresp.m, ltpdamodel_model_mdc3_oi.m: help updated

2009-06-24 18:38 luigi

* m/built_in_models/: ltpdamodel_model_mdc3_C.m,
ltpdamodel_model_mdc3_D.m, ltpdamodel_model_mdc3_dC.m,
ltpdamodel_model_mdc3_dD.m, ltpdamodel_model_mdc3_dS.m,
ltpdamodel_model_mdc3_dgi.m, ltpdamodel_model_mdc3_gi.m,
ltpdamodel_model_mdc3_linresp.m, ltpdamodel_model_mdc3_nomresp.m,
ltpdamodel_model_mdc3_oi.m: a set of built in to get the
linearized response and the nominal response of mdc3 according to
Stefano's note

2009-06-22 19:05 luigi

* m/built_in_models/: ltpdamodel_model_mdc3_control_mat_v2.m,
ltpdamodel_model_mdc3_conversion_mat_v2.m,
ltpdamodel_model_mdc3_dyn_mat_v2.m,
ltpdamodel_model_mdc3_ifo2ifo_mat_v2.m,
ltpdamodel_model_mdc3_ifo2ifo_noise_mat_v2.m: built-in models
with linearized parameters

2009-06-18 18:15 luigi

* classes/: +utils/@math/psd2wf.m, @ao/whiten2D.m: changed default
values

2009-06-18 16:42 miquel

* classes/@ao/metropolis.m: deleting the old version

2009-06-18 16:41 miquel

* classes/@ao/: metropolis1D.m, metropolis2D.m: The metropolis
sampler has been speeded up and splited into two different
methods depending if the problem is single input/single output or
multiple input/multiple output. Also added the possibility of
simulated annealing and the option to give a initial value as
starting point

2009-06-17 17:59 ingo

* classes/@plist/: setDefaultForParam.m, setOptionsForParam.m,
setSelectionForParam.m: new methods

2009-06-17 17:59 ingo

* classes/@plist/plist.m: Update header and prototypes for the new
set..ForParam methods.

2009-06-17 17:57 ingo

* classes/@paramValue/setValIndex.m: Bug fix: in error message.

2009-06-17 17:57 ingo

* classes/@param/param.m: Bug fix: The constructor param('key', {1, {1 2 3}, 0}) didn't worked

2009-06-17 17:56 ingo

* classes/@param/getVal.m: remove getInfo part.

2009-06-17 17:01 ingo

* classes/@paramValue/: setOptions.m, setSelection.m, setValIndex.m, setValIndexAndOptions.m: add setter methods.

2009-06-17 17:01 ingo

* classes/@paramValue/paramValue.m: Add prototypes of the new setter methods.

2009-06-17 17:01 ingo

* classes/@paramValue/getVal.m: remove getInfo part.

2009-06-17 15:32 ingo

* classes/@plist/: setDesc.m, setDescriptionForParam.m: rename the method "setDesc" to "setDescriptionForParam"

2009-06-17 15:21 ingo

* classes/@plist/string.m: Use the getVal method of the param class to get the value. Then it is easier to change the behavior of the 'val' field.

2009-06-17 13:51 nicola

* classes/@ao/iplot.m: Bug fix.

2009-06-17 13:20 ingo

* makeToolbox.m: copy class 'paramValue'

2009-06-17 13:10 ingo

* classes/@param/param.m: The 'val' field is now filled with a

paramValue object.

2009-06-17 13:09 ingo

- * classes/@param/string.m: Use the getVal method of the param class to get the value. Then it is easier to change the behavior of the 'val' field.

2009-06-17 13:09 ingo

- * classes/@param/update_struct.m: update to the new LTPDA version

2009-06-17 13:07 ingo

- * classes/@param/copy.m: update the copy method to the new paramValue class

2009-06-17 13:07 ingo

- * classes/@param/: char.m, display.m: Use the method utils.helper.val2str instead to create the own "if cases"

2009-06-17 13:05 ingo

- * classes/+utils/@mysql/getXdoc.m: get the document builder in one line.

2009-06-17 13:04 ingo

- * classes/+utils/@helper/helper.m: add the new method 'val2str' to the static methods.

2009-06-17 13:04 ingo

- * classes/+utils/@helper/objdisp.m: add a strtrim

2009-06-17 13:03 ingo

- * classes/+utils/@helper/val2str.m: new method which returns a string for each kind of object. For example double, matrix of doubles, char, user objects, symbolic, cells, ...

2009-06-17 13:02 ingo

- * classes/+utils/@helper/xmlwrite.m: 1.) Replace the string '\n' with '<NEW_LINE>' because the database will replace the '\n' with the new line character because the DB value NO_BACKSLASH_ESCAPES is true. 2.) This method didn't write empty fields.

2009-06-17 13:00 ingo

- * classes/+utils/@helper/xmlread.m: Replace the string '\n' with '<NEW_LINE>' because the database will replace the '\n' with the new line character because the DB value NO_BACKSLASH_ESCAPES is true.

2009-06-17 12:58 ingo

- * classes/@paramValue/: char.m, copy.m, display.m, fromStruct.m, getVal.m, paramValue.m, update_struct.m: new class for the value of the PARAM class.

2009-06-17 12:56 ingo

- * classes/@ao/ao.m: Add the method 'findFsMin' to the prototypes.

2009-06-17 12:55 ingo

- * classes/: @ltpda_uoh/addHistory.m, @ltpda_uoh/setProperties.m, @LTPDAworkbench/mpl2jpl.m, @LTPDAworkbench/parseReadyBlocks.m, @modelViewer/buildParamsPanel.m: Use the getVal method of the param class to get the value. Then it is easier to change the behavior of the 'val' field.

2009-06-17 12:54 ingo

- * classes/@ltpda_uo/: bsubmit.m, submit.m, update.m: Update the database methods submit, bsubmit and update to the 'new' value of the plist which contains only the milliseconds of the UTC and not a time object.

2009-06-17 12:53 ingo

- * classes/@plist/: plist.m, update_struct.m: The 'created' field of the plist class is not longer a time object it contains only the milli seconds of the UTC time. This is the same behavior as created time of the user object with history (ltpda_uoh). They get the time with the method 'created' which gets the proctime of the history.

2009-06-17 12:49 ingo

- * classes/@plist/: find.m, parse.m, plist2cmds.m: Use the getVal method of the param class to get the value. Then it is easier to change the behavior of the 'val' field.

2009-06-17 12:48 ingo

- * classes/@plist/: append.m, combine.m, pset.m, remove.m: It is not possible to reset the 'created' field only in the methods which change the plist because there is always a method which changes the plist but it doesn't update in any case the 'created' field.
-> The copy method sets the 'created' field.

2009-06-17 12:43 ingo

- * classes/@param/getVal.m: new method to get the Value of a param object.

2009-06-17 12:40 ingo

- * classes/: @ltpda_uo/setDescription.m, @ltpda_uoh/setDescription.m: Move the setDescription method from the ltpda_uoh class to the ltpda_uo class.

2009-06-17 12:39 ingo

- * classes/: @ltpda_uo/ltpda_uo.m, @ltpda_uoh/ltpda_uoh.m: Move the 'description' field from the ltpda_uoh class to the ltpda_uo class.

2009-06-17 12:36 ingo

- * classes/: @ao/display.m, @filterbank/display.m, @parfrac/display.m, @plist/display.m, @pzmodel/display.m, @rational/display.m: All ltpda user objects (ltpda_uo) displays the 'description' field.

2009-06-17 12:30 ingo

- * classes/: @ao/copy.m, @filterbank/copy.m, @mfir/copy.m, @miir/copy.m, @parfrac/copy.m, @plist/copy.m, @pzmodel/copy.m, @rational/copy.m, @timespan/copy.m: update copy method to the new 'UUID' field.

2009-06-17 11:58 ingo

- * classes/@ao/findFsMin.m: bug fix: Initialize the maximum frequency with 'realmax' instead of 1e30.

2009-06-16 18:24 ingo

- * classes/@ao/findFsMin.m: findFsMin Returns the min Fs of a set of AOs

2009-06-16 18:06 luigi

- * classes/+utils/@math/eigcsd.m: corrected an error in the symbolic part

2009-06-16 17:35 luigi

- * classes/@ao/whiten2D.m: can now preserve the variance of input data

2009-06-16 17:34 luigi

- * classes/+utils/@math/: eigcsd.m, psd2wf.m: some changes to allow the generation of whitening filters capable to preserve the variance of input data

2009-06-16 15:08 nicola

- * classes/@ao/iplot.m: Fixed to support multiple plists, as it sometimes happens in the GUI.

2009-06-16 13:42 nicola

- * classes/@ao/ao.m: Minor fix.

2009-06-16 13:35 adrien

- * classes/@ssm/: ssm.m, ssmFromPzmodel.m, validate.m: class modification. Right now the class is broken, use last tagged version for ssm use.

2009-06-16 13:32 adrien

- * classes/@ssm/: buildNestedPlist.m, buildParamPlist.m: called to build the new fields out of the old format. Modification to *Nested* to handle incomplete information.

2009-06-16 12:34 ingo

- * classes/@plist/fromRepository.m: bug fix: I have no idea what I thought at the last change.

2009-06-13 17:35 hewitson

- * classes/@minfo/tohtml.m: Bug fix: this function outputs a single string.

2009-06-13 17:35 hewitson

- * classes/+utils/@mysql/getAOsInTimeSpan.m: Bug fixes to make this work with the current toolbox version.

We should wrap this (and other high-level queries) in more sensible AO constructor calls so that history is added. I'll think on this.

2009-06-13 17:34 hewitson

- * classes/@ltpda_uoh/fromRepository.m: Can now specify the username and password in the plist, if you want.

2009-06-12 16:05 luigi

- * m/built_in_models/ltpdamodel_model_mdc3_control_mat.m: updated

2009-06-12 16:04 luigi

- * m/built_in_models/ltpdamodel_model_mdc3_ifo2ifo_noise_mat.m: updated with the assumed convention on csd

2009-06-12 15:27 ingo

- * classes/@ao/iplot.m: Bug fix: I removed in the submethod convertXunits the insignificant whitespaces to avoid the warning.

2009-06-12 12:36 hewitson

- * classes/@ssm/: buildNestedPlist.m, ssm.m: The start of the restructuring of the SSM class.

!!!! THIS MEANS THE SSM CLASS IS EFFECTIVELY BROKEN FOR THE NEXT COUPLE OF WEEKS !!!

(but we tagged the cvs before this :))

2009-06-11 21:42 hewitson

- * classes/@LTPDAworkbench/parseReadyBlocks.m: Added support for the 'From Pipeline' blocks. Now it's possible to link pipelines together and run them in sequence from the execution plan.

2009-06-11 21:42 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-06-11 21:40 adrien

- * classes/@unit/char.m: modified to work on an array

2009-06-11 21:40 adrien

- * classes/@ssm/: assemble.m, ssmFromDescription.m, validate.m, cell_select.m, minreal.m, reduce.m, reduce_model.m, simulate.m, sminreal.m, ssm.m: Modified to accomodate units and description files for variables and blocks

2009-06-11 21:37 adrien

- * classes/+utils/@helper/objdisp.m: to display unit fields

2009-06-11 20:45 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-06-11 19:07 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-06-11 19:07 hewitson

- * classes/@LTPDAworkbench/: LTPDAworkbench.m, lib.mat: Removing some debug output. And a new library file.

2009-06-11 17:02 hewitson

- * classes/@ao/: ao.m, fromNDS.m, getNDSchannellist.m: Added NDS1 server support for AO constructor.

2009-06-11 13:42 adrien

- * classes/@ssm/simulate.m: less message spamming

2009-06-11 13:41 adrien

- * classes/@ssm/ssm.m: Debugged default plist

2009-06-11 11:53 hewitson

- * jar/MPipeline.jar: Updated jar file.

2009-06-11 11:52 hewitson

- * classes/@LTPDAworkbench/LTPDAworkbench.m: Now when the user chooses a built-in model, the associated plist for that model is appended to the constructor block plist. So far only ao models have these plists.

2009-06-11 11:15 hewitson

- * classes/: @LTPDAworkbench/LTPDAworkbench.m, @ltpda_uoh/getBuiltInModels.m: Using SSM built-in models on the workbench is now possible with the model selection dialog box.

2009-06-10 18:15 luigi

- * classes/+utils/@math/ndeigcsd.m: updated

2009-06-10 18:12 luigi

- * test/utils/get_2D_test_obj_tf_psd.m, test/utils/test_eigcsd.m, test/test_ao_whiten2D_2.m, classes/+utils/@math/eigcsd.m: updated

2009-06-10 17:51 luigi

- * test/test_ao_whiten2D_2.m: test script to test decorrelating properties of whiten2D

2009-06-10 17:50 luigi

- * classes/@ao/noisegen2D.m: updated

2009-06-10 17:47 luigi

- * classes/+utils/@math/pfallpz.m: improved performance in getting minimum phase system - anyhow not used :)

2009-06-10 17:46 luigi

- * classes/+utils/@math/: psd2tf.m, vdfit.m: updated

2009-06-10 17:45 luigi

- * classes/+utils/@math/psd2wf.m: Corrected a stupid but fundamental error not allowing to get decorrelating filters in 2D case - now seems to work fine

2009-06-10 16:01 ingo

- * classes/: @ao/display.m, @filterbank/display.m, @parfrac/display.m, @plist/display.m, @pzmodel/display.m,

@rational/display.m: displays the field 'UUID'

2009-06-10 12:32 adrien

* test/: test_ao_gap_problems.m, test_ao_gapfillingoptim.m,
test_ssm/NoiseTest.m, test_ssm/test_ssm_all.m,
test_ssm/xyCouplingTest.m: update for test/demo files

2009-06-10 12:32 adrien

* classes/@ssm/ssm2iirpz.m: bog due to obsoloete call

2009-06-10 12:31 adrien

* classes/@ssm/: assemble.m, modiftimestep.m, reduce.m, ssm.m,
ssmFromDescription.m, validate.m: the -conn fileds were removed
new inputisnoise filed to use for correct discretization of the
noise inputs...

2009-06-10 12:25 luigi

* classes/@ao/filter.m: Filter do automatic nitialization only if
explicetely required - the method for filter initialization is
still not satisfactory

2009-06-10 10:20 luigi

* test/utlis/: get_2D_test_obj_tf_psd.m, test_eigcsd.m: test script
for utlis.math.eigcsd

2009-06-10 10:18 luigi

* classes/+utlis/@math/eigcsd.m: corrected an error giving the
wrong phase for the cross-spectra

2009-06-05 18:01 luigi

* m/built_in_models/: ltpdamodel_model_mdc3_act_mat.m,
ltpdamodel_model_mdc3_control_mat.m,
ltpdamodel_model_mdc3_dyn_mat.m,
ltpdamodel_model_mdc3_ifo2ifo_noise_mat.m: changed 2i -> 2.*i
this works fine with mupad if you want to diff

corrected an error in the noise csd model - Actuation was missing

2009-06-03 18:46 nicola

* classes/+utlis/@prog/: convertComString.m, prog.m: Alpha version

of a new function to convert command strings from Matlab to Mathematica or Mupad syntax.

2009-06-03 18:12 luigi

- * classes/@ltpda_filter/: impresp.m, ltpda_filter.m: a method to get impulse response of a filter object

2009-06-03 08:49 mauro

- * m/built_in_models/ltpdamodel_model_oscillator_fd_tf.m: Help updated Applying "internal" switch when setting the description

2009-06-03 08:49 mauro

- * m/built_in_models/: ltpdamodel_model_oscillator_sine.m, ltpdamodel_model_oscillator_step.m, ltpdamodel_model_sinewave.m, ltpdamodel_model_step.m: Applying "internal" switch when setting the description

2009-06-03 08:47 mauro

- * html_help/help/ug/ltpda_training_topic_2_6_content.html: Small text correction

2009-06-02 14:02 ingo

- * classes/@ao/hypot.m: New method for robust computation of the square root of the sum of squares (HYPOT) $c = \sqrt{\text{abs}(a)^2 + \text{abs}(b)^2}$

2009-05-29 10:28 luigi

- * m/built_in_models/ltpdamodel_model_mdc3_control_mat.m: changed gain coefficients

2009-05-29 10:17 anneke

- * classes/@ao/fftfilt.m: implemented ao as input

2009-05-28 15:42 luigi

- * m/built_in_models/: ltpdamodel_model_mdc3_act_mat.m, ltpdamodel_model_mdc3_control_mat.m, ltpdamodel_model_mdc3_conversion_mat.m, ltpdamodel_model_mdc3_dyn_mat.m, ltpdamodel_model_mdc3_force_noise_mat.m, ltpdamodel_model_mdc3_ifo2ifo_mat.m,

ltpdamodel_model_mdc3_ifo2ifo_noise_mat.m,
ltpdamodel_model_mdc3_ifo_noise_mat.m: low and high level
built-in to build TFs and Noise shapes from defined ltpdamodels.

High level functions are: mdc3_ifo2ifo_mat - (for transfer
functions construction) - run by T =
ltpdamodel(plist('built-in', 'mdc3_ifo2ifo_mat'))

mdc3_ifo2ifo_noise_mat - for noise csd models - run by N =
ltpdamodel(plist('built-in', 'mdc3_ifo2ifo_noise_mat'))

Those function are intended just to demonstrate the capability of
the new algebra implemented in ltpdamodel class

2009-05-28 15:29 mauro

* m/built_in_models/ltpdamodel_model_oscillator_fd_tf.m: Updated to
support both s-domain and f-domain calculations. Assumes $s = 2i\pi f$

2009-05-28 14:50 nicola

* classes/@ssm/ssm.m: Uodated default plists.

2009-05-28 11:03 mauro

* m/built_in_models/ltpdamodel_model_oscillator_fd_tf.m: Built-in
models for the frequency-domain transfer function of an
oscillator

2009-05-28 08:39 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_executePlan.m,
runPipeline.m: Can now execute the plan.

The workbench is somewhat disabled during execution of each
pipeline so that the user can not change the active pipeline.

2009-05-28 08:37 hewitson

* jar/MPipeline.jar: Updated jar files.

2009-05-27 16:34 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-05-27 16:29 nicola

* classes/: @miir/oldresp.m, @mfir/oldresp.m: Shouldn't this method be discarded?

2009-05-27 16:11 nicola

* classes/@ao/split.m: Updated help and plists.

2009-05-27 15:09 ingo

* classes/: @ao/ao.m, @filterbank/filterbank.m, @LTPDAworkbench/LTPDAworkbench.m, @ltpda_uoh/fromModel.m, @ltpda_uoh/getBuiltInModels.m, @ltpda_uoh/ltpda_uoh.m, @mfir/mfir.m, @miir/miir.m, @parfrac/parfrac.m, @pzmodel/pzmodel.m, @rational/rational.m, @ssm/ssm.m, @timespan/timespan.m: Change back the access of the method "getBuiltInModels" to a static method.

2009-05-27 14:47 miquel

* m/built_in_models/: ltpdamodel_model_mdc2r2_ifo2ifo.m, ltpdamodel_model_mdc2r2_ifo2ifo_match.mu: built-in model can now return four transfer functions at once and also contains the matched stiffness case (the i1o12 transfer function has one parameter less)

2009-05-27 14:10 hewitson

* jar/MPipeline.jar: Updated jar file.

2009-05-27 13:42 ingo

* classes/@LTPDAprefs/cb_categorySelect.m: bug fix: Fixed the problem if the user have an other timezone as we now supported. Force the user to save the preferences.

2009-05-26 22:36 mauro

* classes/@ao/diff.m: - Help fixed - Minor changes

2009-05-26 22:35 mauro

* classes/: @ltpda_uo/save.m, +utils/@math/fpsder.m: Help fixed

2009-05-26 19:12 hewitson

* jar/MPipeline.jar: Updated jar files for workbench.

2009-05-26 19:11 hewitson

* classes/@LTPDAworkbench/: LTPDAworkbench.m, addBlock.m, cb_display.m, cb_exportWS.m, explore.m, lib.mat, minfo2algo.m, mpl2jpl.m, parseReadyBlocks.m, plot.m, plotHistory.m, rebuildLibrary.m, stepForward.m: Support on the matlab side for the source repackaging. Also, the MATLAB preferences dir is sent to the MainWindow constructor now.

2009-05-26 18:50 ingo

* classes/@history/plot.m: Bug fix: Mask the curly brackets ({} of a plist with a hash (#) because the plot interprets the brackets as a LaTeX command.

2009-05-26 18:24 nicola

* classes/@ao/iplot.m: Updated default plist.

2009-05-26 17:32 luigi

* m/built_in_models/: ltpdamodel_model_mdc2_act_mat.m, ltpdamodel_model_mdc2_control_mat.m, ltpdamodel_model_mdc2_conversion_mat.m, ltpdamodel_model_mdc2_dyn_mat.m: built-in ltpdamodels for the ltp mdc2 system matrices

2009-05-26 16:05 nicola

* classes/@plist/append.m: Minor fix.

2009-05-26 16:02 nicola

* classes/@plist/append.m: Updated for better support of parameters description. Now works:
>> mypl.append({'key','description'},value)

2009-05-26 16:00 nicola

* classes/@param/param.m: Updated for better support of parameter description. Now working also:
>> param({'key','description'},value)

2009-05-26 08:37 mauro

* classes/@ao/eig.m: Help fixed

2009-05-25 18:29 luigi

* m/built_in_models/ltpdamodel_model_mdc2_dyn.m: help updated

2009-05-25 18:22 luigi

* m/built_in_models/ltpdamodel_model_mdc2_dyn.m: built-in model for the mdc2 dynamics matrix

2009-05-25 18:22 ingo

* classes/@ltpda_uo/ltpda_uo.m: Add the field 'UUID' to all user objects which contains a 128 bit Universally Unique Identifier (UUID)

2009-05-25 18:09 ingo

* classes/@ao/simplifyYunits.m: Bug fix: The method unit/char have an other behavior.

2009-05-25 18:08 ingo

* classes/@filterbank/copy.m: use the static method newarray() instead of the empty constructor.

2009-05-25 17:53 miquel

* classes/@ao/metropolis.m: metropolis accepts multiple parameters and can sample parameters with pure imaginary numbers. The inputs are now measured AO, noise AO and an ltpdamodel with the evaluated model.

2009-05-25 17:53 adrien

* classes/@ao/gapfillingoptim.m: PSD based LSQ weighted gap filling routine - updated

2009-05-25 17:46 miquel

* test/test_ao_IFiltSubtract.m: test function for IFiltSubtract

2009-05-25 17:45 miquel

* classes/@ao/IFiltSubtract.m: An AO method that subtracts noise from an input AO. It removes the noise contribution by estimating the transfer function, fitting it and removing it from the original AO in time domain (as in the temperature example in the LTPDA training session)

2009-05-25 17:30 miquel

* test/test_ao_LinSubtract.m: test function for LinSubtract

2009-05-25 17:30 miquel

* classes/@ao/LinSubtract.m: An AO method to subtract linear contributions to a data set. The method filters, splits and subtracts the contribution. The noise contribution can be expressed by the user as function of the input AOs.

2009-05-25 17:11 luigi

* test/test_ltpdamodel_inv.m: test updated

2009-05-25 16:56 luigi

* test/test_ltpdamodel_inv.m: test script for ltpdamodel/inv

2009-05-25 16:22 mauro

* m/built_in_models/: ao_model_oscillator_sine.m, ao_model_oscillator_step.m, ltpdamodel_model_oscillator_sine.m, ltpdamodel_model_oscillator_step.m: Built-in models for the response of an oscillator to step functions and sinewaves. They are based on the knowledge of the system impulse response

2009-05-25 16:21 mauro

* m/built_in_models/ltpdamodel_model_step.m: Built-in models for ltpdamodel step functions.

2009-05-25 16:19 mauro

* m/built_in_models/: ao_model_step.m, ltpdamodel_model_sinewave.m, ltpdamodel_model_squarewave.m: Updated

2009-05-25 16:18 mauro

* classes/@tsdata/tsdata.m: Bug fix

2009-05-25 16:16 nicola

* classes/@ao/ao.m: Updated help and default plist

2009-05-25 16:15 mauro

* classes/@ao/fromDatafile.m: Changed to use utils.prog.yes2true

2009-05-25 16:14 mauro

- * classes/+utils/@prog/: mup2mat.m, prog.m: Utility to convert Mupad stringd into MATLAB strings

2009-05-25 16:07 nicola

- * classes/: @ltpda_filter/resp.m, @ltpda_tf/resp.m, @filterbank/filterbank.m: Updated default plist

2009-05-25 16:06 nicola

- * classes/@timespan/timespan.m: Updated help and default plist

2009-05-25 16:03 nicola

- * classes/: @miir/miir.m, @mfir/mfir.m: Updated default plist

2009-05-25 15:59 nicola

- * classes/@plist/: plist.m, resp.m: Updated default plist

2009-05-25 15:55 nicola

- * classes/: @parfrac/parfrac.m, @parfrac/resp.m, @pzmodel/pzmodel.m, @pzmodel/resp.m, @rational/rational.m, @rational/resp.m: Updated default plist

2009-05-15 18:07 mauro

- * classes/@ao/ao.m: Help fixed

2009-05-15 18:04 mauro

- * m/built_in_models/: ltpdamodel_model_sinewave.m, ltpdamodel_model_squarewave.m: Built-in models for ltpdamodel sinewaves, squarewaves.

2009-05-15 18:03 mauro

- * m/built_in_models/: ao_model_sinewave.m, ao_model_squarewave.m, ao_model_step.m: Built-in models for ao sinewaves, squarewaves, step functions.

2009-05-15 16:59 nicola

- * classes/@repogui/: buildHLQPanel.m, buildMainFig.m, cb_executeQuery.m, cb_importBtn.m: Now 2 high level queries

working.

2009-05-14 16:27 ingo

* classes/@ao/elementOp.m: Now sets this method the error of the AOs. 'plus', 'minus' $dy = \sqrt{dy1^2 + dy2^2}$ 'times', 'divide' $dy = \sqrt{((dy1/y1)^2 + (dy2/y2)^2) * y1*y2}$

2009-05-14 16:20 ingo

* classes/: @miir/oldresp.m, @minfo/tohtml.m: typing error

2009-05-13 11:36 mauro

* m/built_in_models/ao_model_whitenoise.m: Help typo fixed

2009-05-13 11:10 mauro

* m/built_in_models/ao_model_mdc1_fd_df_controller.m: Help fixed

2009-05-12 08:44 mauro

* classes/@ao/resample.m: - Implemented the new "help included in the plist" - UTP updated accordingly

2009-05-11 19:09 nicola

* classes/@repogui/: buildSubmitPanel.m, cb_submit.m, cb_treegui.m: Fixed Mantis bug 395. Now the submit panel shows also the list of LTPDA objs currently in the workspace.

2009-05-11 17:24 mauro

* classes/@ao/ao.m: Default plist for set "From polynomial" updated adding description

2009-05-08 15:48 luigi

* test/utls/test_psdzfit.m: test for utls.math.psdzfit function

2009-05-08 15:47 luigi

* classes/+utls/@math/math.m: updated

2009-05-08 15:46 luigi

* classes/+utls/@math/psdzfit.m: Fit a discrete partial fraction model to a power spectrum correctly

2009-05-08 15:15 miquel

- * test/test_ao_dispersion.m: test

2009-05-08 12:28 miquel

- * m/built_in_models/: ltpdamodel_model_mdc2r2_FisMat_i12o12.mu, ltpdamodel_model_mdc2r2_FisMat_i1o1.mu, ltpdamodel_model_mdc2r2_FisMat_i1o12.mu: auxiliar mupad files for the dispersion method. They basically compute derivatives for the transfer functions

2009-05-08 12:27 miquel

- * test/test_ao_dispersion.m: test file for ao/dispersion

2009-05-08 12:25 miquel

- * classes/@ao/dispersion.m: A new method computing the dispersion function. This is related to the expected variance when measuring a transfer function given an input signal. This first version is based in call to built-in mupad files although a general method could accept a ltpdamodel as input

2009-05-08 11:38 ingo

- * classes/@ltpda_uoh/: fromFile.m, save.m: Remove adding the history from load and save. The save method is now inherited from the ltpda_uo class.

2009-05-07 18:22 nicola

- * classes/+utils/@timetools/getTimezone.m: New time zones added: PST - Pacific Standard Time CST - Central EST - Eastern JST - Japan

2009-05-07 18:03 nicola

- * classes/@repogui/: buildConditions.m, buildHLQPanel.m, cb_executeQuery.m: High Level Queries panel update. The first query is now working.

2009-05-07 14:57 mauro

- * classes/@ao/join.m: Updated minimum number of inputs

2009-05-06 17:34 nicola

- * classes/@time/: getTimezones.m, setTimezone.m: Updated to use utils.timetools.getTimezone, thus limiting the list of supported time zones.

2009-05-06 17:33 nicola

- * classes/+utils/@timetools/: getTimezone.m, timetools.m: New method utils.timetools.getTimezone to get a limited list of supported time zones.

2009-05-04 15:56 nicola

- * classes/@repogui/buildHLQPanel.m: Modified the CVS option to update the \$Id:\$ tag.

2009-05-04 15:54 nicola

- * classes/@repogui/buildHLQPanel.m: no message

2009-05-04 15:45 nicola

- * classes/@repogui/: buildHLQPanel.m, buildMainFig.m, repogui.m: First draft of High Level Queries panel.

2009-05-04 12:36 mauro

- * classes/@ao/join.m: - Added an option 'sameT0' to force the routine not to reset t0 when joining objects (of course, the t0 of all inputs must be same) - Help updated

2009-05-04 11:02 mauro

- * classes/+utils/@prog/prog.m: Forgotten commit to the class file. Sorry.

2009-04-30 16:52 anneke

- * test/smallvector/2008-07-11_12-26/pm3_LAtests.dat: shortened

2009-04-30 16:51 anneke

- * classes/@ao/smallvec_coef.m: modified to work on errors

2009-04-30 16:40 anneke

- * test/smallvector/test_smallvectorfit.m: removed user input

2009-04-30 16:00 anneke

- * classes/@ao/smallvec_coef.m, classes/@ao/smallvector_lincom.m, classes/@ao/smallvectorfit.m, test/smallvector/test_smallvectorfit.m, test/smallvector/2008-07-11_12-26/pm3_LAtests.dat: high level linear fit for opd noise/small vector noise model+ function for computing small vector coefficients + test data +test function

2009-04-29 15:05 mauro

- * classes/@ao/: psd.m, xspec.m: Updated to use the yes2true utility (this may help in automated System Testing)

2009-04-29 15:03 mauro

- * classes/+utils/@prog/yes2true.m: Utility to convert: - strings containing 'yes'/'no' into boolean true/false - strings containing 'true'/'false' into boolean true/false - double containing ≥ 1 into boolean true - double containing ≤ 0 into boolean false

2009-04-29 14:20 mauro

- * classes/@ao/lincom.m: Help fixed

2009-04-28 11:57 ingo

- * classes/@unit/char.m: Shows units with [s][Hz] as [s Hz]

2009-04-27 21:24 mauro

- * classes/@ao/scale.m: Bug fix

2009-04-27 14:41 hewitson

- * classes/@LTPDAworkbench/rebuildLibrary.m: Committed wrong version.

2009-04-27 14:31 hewitson

- * classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_rebuildLibrary.m, rebuildLibrary.m: Small changes to allow the library rebuilding to be executed from the command-line by the static method

LTPDAworkbench.cb_rebuildLibrary

2009-04-27 12:55 miquel

* m/built_in_models/ltpdamodel_model_mdc2r2_ifo2ifo.mu: uses w instead of $2\pi f$

2009-04-27 12:46 hewitson

* classes/@LTPDAworkbench/MPipeline.jar: These are now in the jar folder.

2009-04-27 10:36 hewitson

* classes/@LTPDAworkbench/cb_exportWS.m: When exporting to workspace, use the copy metho directly instead of the copy constructor. This avoids an additional (unexpected) history step.

2009-04-27 10:33 mauro

* classes/@ao/scale.m: Changed: - the behavior of the 'yunits' parameter to be the yunits of the scale factor, rather than of the output ao. This is consistent with the default case yunits = '' which makes nothig - changed the default value of the 'factor' to 1 - help updated UTP relevant!

2009-04-25 09:44 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library.

2009-04-24 09:55 miquel

* m/built_in_models/ltpdamodel_model_mdc2r2_ifo2ifo.m: now using 'w' as x variable

2009-04-24 09:54 miquel

* m/built_in_models/: ltpdamodel_model_mdc2b_ifo2ifo.mu, ao_model_mdc2b_fd_H_delay.m, ao_model_mdc2b_fd_df_controller.m, ao_model_mdc2b_fd_h1_delay.m, ao_model_mdc2b_fd_h2_delay.m, ao_model_mdc2b_fd_sus_controller.m, ltpdamodel_model_mdc2b_ifo2ifo.m: first models for the MDC2b release. These models reproduce the model in S2-UTN-TN-3045v2.0

2009-04-24 09:11 hewitson

* jar/MPipeline.jar: Updated jar file to better handle built-in models from all user classes.

2009-04-24 09:10 hewitson

- * classes/@LTPDAworkbench/LTPDAworkbench.m: Preparations to make built-in models work for all user classes.

2009-04-23 18:03 luigi

- * test/test_ao_fromCSD.m: added 3 dimensional test case

2009-04-23 18:03 luigi

- * classes/@ao/fromCSD.m: corrected a bug in the multidimensional filters ordering

2009-04-23 16:06 luigi

- * test/test_ao_fromCSD.m: added the 2Dim case

2009-04-23 16:06 luigi

- * classes/@filterbank/filterbank.m: moved the properties from private to public it is more comfortable to work with it...

2009-04-23 16:04 luigi

- * classes/@ao/fromCSD.m: update - I am still not able to let addHistory work in the $N > 1$ dim case

2009-04-23 13:15 luigi

- * test/test_ao_fromCSD.m: a first version for the test of the ao constructor fromCSD

2009-04-23 13:14 luigi

- * classes/@ao/: ao.m, fromCSD.m: A first step toward a N-dimensional noise generator. A new method for the ao class fromCSD allowing to generate noise data series with the given cross spectral density matrix. Noise is directly generated by the ao call as already happens for the frenklin noise generator

2009-04-23 12:46 luigi

- * classes/@ao/filter.m: Now ao/filter accept also a filterbank object at the input

2009-04-23 12:11 luigi

- * test/utlis/: test1_csd2tf.m, test2_csd2tf.m, test_2dim_vcfite.m, test_2dim_vdfite.m, test_autocfit.m, test_autodfit.m,

test_ndeigcsd.m: some test scripts for utils.math functions

2009-04-23 11:57 luigi

* classes/+utils/@math/math.m: updated list of functions

2009-04-23 11:56 luigi

* classes/+utils/@math/: csd2tf.m, ndeigcsd.m: utils functions for N-dim noise generation

2009-04-23 11:19 mauro

* classes/@ao/: fromPolyval.m, ao.m: - introduced the possibility to create also xydata and fsdata ao from polynomial coefficients
- now coefficients can be: - a vector of numbers - a single ao with a vector of numbers - a vector of aos with coefficients (in this last case the unit handling/checking is done thoroughly) - default plist in ao constructor updated accordingly - UTP updated accordingly - ao help needs update!

2009-04-22 13:07 ingo

* classes/@plist/: plist2cmds.m, string.m: Bug fix: Mask single quotes (') with two quotes (") inside a string.

2009-04-22 11:31 hewitson

* m/built_in_models/ltpdamodel_model_mdc1_fd_Ti1o12.m: Added the model for Ti1o12.

2009-04-22 10:39 hewitson

* classes/@ao/corr.m: A new method that computes the sample correlation matrix using Pearson's product-moment method.

2009-04-22 10:03 hewitson

* classes/@ao/hist.m: Added link to parameter set.

2009-04-22 10:02 hewitson

* classes/@ao/normdist.m: New method to compute a normal distribution PDF from the data. This can be combined with ao/hist to make a histogram of the data with an overlying equivalent normal distribution.

2009-04-21 22:27 mauro

* classes/@ao/polyfit.m: Help updated

2009-04-21 22:14 mauro

* classes/@ao/lincom.m: Extended to work also with xydata

2009-04-21 22:12 mauro

* classes/@ao/lscov.m: Help and UTP updated

2009-04-21 22:08 mauro

* classes/@ao/: cohere.m, cpsd.m, tfe.m: Help updated

2009-04-21 18:53 ingo

* makeToolbox.m: move the saving of the path behind the installing of the help.

2009-04-21 18:31 ingo

* makeToolbox.m: add '../help/ug' to default path.

2009-04-21 18:18 ingo

* classes/@minfo/tohtml.m: Update the parameter table to the look of all other help pages.

2009-04-21 18:16 ingo

* classes/@ao/psd.m: open the parameter table in the help browser and not in the web browser.

2009-04-21 16:56 mauro

* classes/@ao/polyfit.m: - Now the polyfit method only accepts a single input AO, so to keep simple the shape of the outputs - Help updated - UTP#01 updated to match the default plist

2009-04-21 12:17 luigi

* test/: test_ao_sDomainFit_1.m, test_ao_sDomainFit_2.m: test updated to the new changes on fit tolerance conditioning

2009-04-21 12:16 luigi

* classes/@ao/zDomainFit.m: help updated

2009-04-21 12:16 luigi

- * classes/@ao/sDomainFit.m: Major update in tolerance parameters. Now fit accuracy is controlled by the Magnitude Squared Error value and variation. Tolerance parameter names were changed, look at the help of the functions and at the test script for further details. This update is utp relevant.

2009-04-21 12:15 luigi

- * classes/+utils/@math/: autocfit.m, vcfit.m: Major update in order to check fit accuracy with the Mean Squared Error and Relative variation of the MSE, new tolerance params are added

2009-04-21 11:35 mauro

- * classes/@ao/: cohere.m, cpsd.m, psd.m, tfe.m: Implemented the new "help included in the plist", but I left the "old style" parameter description at the beginning of the file. UTP updated accordingly

2009-04-21 09:49 hewitson

- * classes/@ao/fftfit.m: Some slight changes so that the input model is not modified.

2009-04-20 18:02 ingo

- * m/: ao_models/ao_model_mdc1_fd_i1o1_dGdf.m,
ao_models/ao_model_mdc1_fd_i1o1_dOmega1.m,
ao_models/ao_model_mdc2_fd_dynamics.m,
ao_models/ao_model_mdc2_fd_i1o12.m,
ao_models/ao_model_mdc2_fd_i1o12_dDelta.m,
ao_models/ao_model_mdc2_fd_i1o12_dGdf.m,
ao_models/ao_model_mdc2_fd_i1o12_dGsus.m,
ao_models/ao_model_mdc2_fd_i1o12_dOmega1.m,
ao_models/ao_model_mdc2_fd_i1o12_dOmega2.m,
built_in_models/ao_model_mdc1_fd_i1o1_dGdf.m,
built_in_models/ao_model_mdc1_fd_i1o1_dOmega1.m,
built_in_models/ao_model_mdc2_fd_dynamics.m,
built_in_models/ao_model_mdc2_fd_i1o12.m,
built_in_models/ao_model_mdc2_fd_i1o12_dDelta.m,
built_in_models/ao_model_mdc2_fd_i1o12_dGdf.m,
built_in_models/ao_model_mdc2_fd_i1o12_dGsus.m,
built_in_models/ao_model_mdc2_fd_i1o12_dOmega1.m,
built_in_models/ao_model_mdc2_fd_i1o12_dOmega2.m: Move the AO-models to the folder ../m/built_in_models

2009-04-20 16:31 luigi

- * test/MDC2/: test_ao_noisegen2D_mdc2.m, test_mdc2_filtimpresp.m, test_mdc2_noisegen_accuracy_v1_1.m, test_mdc2_noisegen_accuracy_v2.m, test_mdc2_noisegen_accuracy.m: test updated

2009-04-20 16:31 luigi

- * test/: test_ao_noisegen1D.m, test_ao_noisegen2D.m, test_ao_whiten1D.m, test_ao_whiten2D.m, test_ao_zDomainFit_1.m, test_ao_zDomainFit_2.m, test_ao_zDomainFit_3.m: test updated the the new changes on fit tolerance conditioning

2009-04-20 16:30 luigi

- * classes/@ao/: noisegen1D.m, noisegen2D.m, whiten1D.m, whiten2D.m, zDomainFit.m: Major upate in tolerance parameters. Now fit accuracy is controlled by the Magnitude Squared Error value and variation. Tolerance parameter names were changed, look at the help of the functions and at the test script for further details. This update is utp relevant.

2009-04-20 16:25 luigi

- * classes/+utils/@math/: autodfit.m, psd2tf.m, psd2wf.m, stopfit.m, vdfit.m: Major update in order to check fit accuracy with the Mean Squared Error and Relative variation of the MSE, new tolerance params are added

2009-04-20 16:11 hewitson

- * makeToolbox.m: Removed the references to ltpdv2

2009-04-20 16:00 ingo

- * classes/@minfo/tohtml.m: Substitutes '\n' with '
</br>' to create an line break in HTML.

2009-04-20 13:03 hewitson

- * classes/@ao/fftfilt.m: Some more bug fixing on the algorithm, but I'm still not sure it is correct.

2009-04-20 12:10 miquel

- * classes/@ao/metropolis.m: some more work in the metropolis method

but still not finished. Now inputs are data, noise and model and the methods evaluates the likelihood internally

2009-04-20 12:08 miquel

- * classes/@ao/welch.m: bug fix

2009-04-20 11:46 miquel

- * m/built_in_models/: ao_model_mdc2r2_fd_ifo2ifo.m, ao_model_mdc2r2_fd_ltpnoise.m: update built-in models

2009-04-20 09:56 hewitson

- * classes/@ao/fftfilt.m: Bug fix: uses the two-sided fft to make sure we get the same length of data out as in.

2009-04-20 08:57 hewitson

- * classes/@ao/fftfilt.m: First version of the fft filter method. Far from complete.

2009-04-17 18:20 mauro

- * classes/@ao/psd.m: Implemented the new "help included in the plist" for ao/psd, but I left the "old style" parameter description at the beginning of the file. Comments are welcome ... UTP updated accordingly

2009-04-17 13:57 ingo

- * classes/@ltpda_uoh/ltpda_uoh.m: Set the access of 'getBuiltInModels' to 'public'

2009-04-17 13:54 ingo

- * classes/@history/dotview.m: Add two new commands: 1.) dotview(h, filename) 2.) dotview(h) The second command creates a temporary pdf-file which is deleted after an input prompt.

2009-04-17 13:09 ingo

- * classes/+utils/@helper/: xmlread.m, xmlwrite.m: reshape an char-array into a row for saving and reshape it back for reading.

2009-04-17 12:33 mauro

- * classes/@ao/: lcohere.m, lxspect.m, mltfe.m: Introduced

calculation of complex coherence It's accessible via the 'Scale' parameter, by choosing between 'C' (complex coherence, default) or 'MS' (magnitude-squared coherence) UTP fixed accordingly

2009-04-17 12:11 ingo

- * classes/: @param/display.m, @plist/display.m: display the description which are concatenated with 'strvcat' in several lines. It is also possible to force a linebreak with '\n'

2009-04-16 22:51 hewitson

- * makeToolbox.m: installs the new filterbank class.

2009-04-16 22:51 hewitson

- * classes/+utils/@helper/ltpda_classes.m: Adds the new filterbank class.

2009-04-16 22:50 hewitson

- * classes/@filterbank/: addFilters.m, char.m, copy.m, display.m, filterbank.m, fromFilters.m: The beginnings of the new filter-bank class.

2009-04-16 22:26 mauro

- * classes/@ao/: polyfit.m, lscov.m: Default is now that the output is a vector of AOs, each containing one parameter UTP fixed accordingly

2009-04-16 14:40 hewitson

- * classes/@ao/table.m: Updated to also display errors.

2009-04-16 14:39 hewitson

- * jar/DataTable.jar: Update of the jar file for the data table.

2009-04-16 12:04 nicola

- * classes/@ao/: ao.m, ao2m.m: Help updated.

2009-04-14 12:42 mauro

- * classes/@ao/lincom.m: Bug fixed in gathering coefficients history

2009-04-08 17:08 mauro

* html_help/help/ug/: coherence_content.html, cpsd_content.html, psd_content.html, transfer_content.html: Updated

2009-04-08 15:18 miquel

* classes/@ao/welch.m: psd computes now the statistical variance using Welford's algorithm (the same as West's but without weights) to compute mean and variance in one pass.

2009-04-08 12:42 mauro

* classes/@ao/polyfit.m: - Added a parameter 'vector_out' to have a vector of AOs as an output. This is useful for instance in case the fitted coefficients have different units. Default is set to false. Notice 1: in case of an input with M objects, with the 'vector_out' the output will be a matrix of $M \times (N+1)$ elements Notice 2: inputting a matrix of AOs is now illegal. - Help updated accordingly - UTP updated accordingly

2009-04-08 12:34 luigi

* test/test_ao_confint.m: test updated

2009-04-08 11:37 luigi

* test/MDC2/: test_mdc2_filtimpresp.m, test_mdc2_noisegen_accuracy.m, test_mdc2_noisegen_accuracy_v1_1.m, test_mdc2_noisegen_accuracy_v2.m: updated test scripts for - accuracy checking - impulse response of noisegen filters

2009-04-08 11:12 hewitson

* m/built_in_models/: ltpdamodel_model_mdc1_fd_Sdf.m, ltpdamodel_model_mdc1_fd_Ssus.m, ltpdamodel_model_mdc1_fd_Tdf.m, ltpdamodel_model_mdc1_fd_Tsus.m, ltpdamodel_model_mdc1_fd_df_controller.m, ltpdamodel_model_mdc1_fd_df_dynamics.m, ltpdamodel_model_mdc1_fd_sus_controller.m, ltpdamodel_model_mdc1_fd_sus_dynamics.m: The MDC1 TFs as ltpdamodel built-in models.

2009-04-07 19:45 ingo

* test/: test_ao_cohere.m, test_ltpda_cohere.m, test_ltpda_cpsd.m, test_ltpda_ltf.m, test_ltpda_tfe.m, test_ltpdamodel.m, test_miir_filtfilt.m: Update the test methods to the new behavior

of lcohere, lcpsd, ltfe, ...

2009-04-07 19:16 ingo

* classes/+utils/@helper/ltpda_classes.m: Add 'ltpda_tf' class

2009-04-07 19:11 ingo

* classes/@ao/mean.m: Use for setting 'fs' the data method instead of the AO method.

2009-04-07 19:07 ingo

* classes/: @data2D/applyoperator.m, @cdata/applyoperator.m: Set 'y' direct insted with the setter method

2009-04-07 19:07 ingo

* classes/@ltpda_uoh/index.m: Set the 'name' direct insted with the setter method

2009-04-07 19:06 ingo

* classes/@miir/: mkbandpass.m, mkbandreject.m, mkhighpass.m, mklowpass.m: Set the filter properties direct insted with the setter methods.

2009-04-07 19:04 ingo

* classes/@plist/: fromFile.m, fromRepository.m: Set the 'creator' direct insted with the setter method

2009-04-07 19:02 ingo

* classes/@pzmodel/: rdivide.m, times.m: Set the name direct insted with the setter method

2009-04-07 19:02 ingo

* classes/@pzmodel/fngen.m: Use the setter methods of the data class instead of the AO class.

2009-04-07 17:01 ingo

* classes/@ao/: abs.m, angle.m, applymethod.m, applyoperator.m, complex.m, confint.m, consolidate.m, conv.m, cos.m, cov.m, ctranspose.m, curvefit.m, curvefit2.m, delay.m, detrend.m, dft.m, diff.m, dopplercorr.m, downsample.m, dropduplicates.m, dsmean.m,

elementOp.m, eqmotion.m, evaluateModel.m, exp.m, fft.m, filter.m, filtfilt.m, find.m, firwhiten.m, fixfs.m, fngen.m, fromComplexDatafile.m, fromDataInMAT.m, fromDatafile.m, fromGEOserver.m, gapfilling.m, getdof.m, heterodyne.m, hist.m, ifft.m, interp.m, interpmissing.m, inv.m, join.m, lincom.m, linedetect.m, lisovfit.m, ln.m, log.m, log10.m, lpsd.m, lscov.m, lxspect.m, max.m, mean.m, median.m, melementOp.m, min.m, mode.m, noisegen1D.m, noisegen2D.m, offset.m, phase.m, polyfit.m, psd.m, psdconf.m, resample.m, rms.m, sDomainFit.m, scale.m, select.m, sign.m, sin.m, smoother.m, sort.m, spectrogram.m, spikecleaning.m, split.m, sqrt.m, std.m, straightLineFit.m, sumjoin.m, tan.m, timedomainfit.m, timeshift.m, transpose.m, upsample.m, var.m, whiten1D.m, whiten2D.m, xcorr.m, xspect.m, zDomainFit.m, zeropad.m: 1.) Don't use the setter method if it is possible to set the property direct. For example obj.name = 'new name' instead of obj.setName('new name', 'internal') 2.) Use the setter methods of the data classes instead of the AO classes. For example: obj.data.setY(new_y) instead of obj.setY(new_y, 'internal')

2009-04-07 15:57 mauro

* classes/@ao/detrend.m: Now the coefficients of the subtracted trend are included in the procinfo

2009-04-07 15:56 mauro

* classes/@ao/lscov.m: Minor update

2009-04-07 11:35 luigi

* classes/@ao/zDomainFit.m: display a warning if $\max(f) > f_s/2$ because the function is not able to fit in such a case

2009-04-07 09:22 anneke

* m/ao_models/: ao_model_mdc2_fd_dynamics.m, ao_model_mdc2_fd_i1o12.m, ao_model_mdc2_fd_i1o12_dDelta.m, ao_model_mdc2_fd_i1o12_dGdf.m, ao_model_mdc2_fd_i1o12_dGsus.m, ao_model_mdc2_fd_i1o12_dOmega1.m, ao_model_mdc2_fd_i1o12_dOmega2.m: built-in models for derivatives of i1o12 transfer function

2009-04-07 08:28 mauro

* classes/@ao/lincom.m: - Added the possibility to input coefficients as a vector of AOs (last input) - Added the possibility to input coefficients as a vector of AOs included in

the plist, with the key 'COEFFS' - It also handles list/vectors of data inputs - Help updated accordingly - UTP updated accordingly

2009-04-07 08:25 mauro

* classes/@ao/lscov.m: - Added a parameter 'vector_out' to have a vector of AOs as an output. This is useful for instance in case the fitted coefficients have different units. Default is set to false. - Help updated accordingly - UTP updated accordingly

2009-04-06 17:32 hewitson

* classes/@ao/ltpda_fitChiSquare.m: A simple change to make this curvefit work with complex data. We no longer need to fit `abs(model)` to `abs(data)`.

2009-04-06 17:00 hewitson

* classes/@data2D/applymethod.m: Do not pass the errors through the same method. I can't think of one example where this is correct. Instead we need to explicitly propagate the errors in the AO methods, or set the errors to zero at the outputs if we don't want to propagate the errors.

2009-04-06 16:59 hewitson

* classes/@ao/: angle.m, phase.m: Both of these compute correctly the errors given the input errors.

2009-04-06 16:58 hewitson

* classes/@ao/mltfe.m: In the first error bin, we should use the magnitude of the TF to give our 100% error.

2009-04-06 16:10 hewitson

* classes/@ao/: lxspect.m, mltfe.m: The transfer function is computed with West's algorithm now and the `dy` field contains the statistical standard deviation.

2009-04-06 11:50 ingo

* m/etc/ltpda_startup.m: Update to the new directory of the built-in models.

2009-04-06 11:37 miquel

* m/built_in_models/: ltpdamodel_model_mdc2r2_ifo2ifo.m,
ltpdamodel_model_mdc2r2_ifo2ifo.mu: built-in models for the
ltpdamodel class. Returns the symbolic expression of the transfer
function from an input ifo signal to an output ifo. Parameter
'index' selects one of the four possible transfer function

2009-04-06 11:34 miquel

* m/built_in_models/ao_model_mdc2r2_fd_ifo2ifo.m: changed name of
the output aos

2009-04-03 16:30 ingo

* classes/: @LTPDAprefs/LTPDAprefs.m,
@LTPDAprefs/buildPrefsPlist.m, @LTPDAprefs/cb_categorySelect.m,
@ssm/ssmFromBuiltinSystem.m: Use only one input field in the
LTPDAprefs GUI in order to add built-in paths.

2009-04-03 16:28 ingo

* classes/@ltpda_uoh/: fromModel.m, getBuiltinModels.m: Add missing
files for the built-in constructors.

2009-04-03 16:06 ingo

* makeToolbox.m: Update this file to the new built-in folder for
all LTPDA models [./m/built_in_models]

2009-04-03 15:57 ingo

* classes/: @ao/ao.m, @ao/fromModel.m, @ao/getBuiltinModels.m,
@ltpda_uoh/ltpda_uoh.m, @mfir/mfir.m, @miir/miir.m,
@parfrac/parfrac.m, @pzmodel/pzmodel.m, @rational/rational.m,
@ssm/getBuiltinModels.m, @ssm/ssm.m, @ssm/ssmFromBuiltinSystem.m,
@timespan/timespan.m: Moved 'fromModel.m' and
'getBuiltinModels.m' to the ltpda_uoh class and add for all
sub-classes the built-in constructor.

2009-04-03 15:51 ingo

* m/: ao_models/ao_model_mdc1_fd_Sdf.m,
ao_models/ao_model_mdc1_fd_Ssus.m,
ao_models/ao_model_mdc1_fd_Tdf.m,
ao_models/ao_model_mdc1_fd_Tsus.m,
ao_models/ao_model_mdc1_fd_df_controller.m,
ao_models/ao_model_mdc1_fd_dynamics.m,
ao_models/ao_model_mdc1_fd_i1o12.m,
ao_models/ao_model_mdc1_fd_sus_controller.m,

ao_models/ao_model_mdc1_input_noises.m,
ao_models/ao_model_mdc2r2_fd_ifo2ifo.m,
ao_models/ao_model_mdc2r2_fd_ifo2ifo.mu,
ao_models/ao_model_mdc2r2_fd_ltpnoise.m,
ao_models/ao_model_mdc2r2_fd_ltpnoise.mu,
ao_models/ao_model_mdc2r3_fd_ifo2ifo.m,
ao_models/ao_model_mdc2r3_fd_ltpnoise.m,
ao_models/ao_model_whitenoise.m,
built_in_models/ao_model_mdc1_fd_Sdf.m,
built_in_models/ao_model_mdc1_fd_df_controller.m,
built_in_models/ao_model_mdc1_fd_dynamics.m,
built_in_models/ao_model_mdc1_fd_i1o12.m,
built_in_models/ao_model_mdc1_fd_Ssus.m,
built_in_models/ao_model_mdc1_fd_Tdf.m,
built_in_models/ao_model_mdc1_fd_Tsus.m,
built_in_models/ao_model_mdc1_fd_sus_controller.m,
built_in_models/ao_model_mdc1_input_noises.m,
built_in_models/ao_model_mdc2r2_fd_ifo2ifo.m,
built_in_models/ao_model_mdc2r2_fd_ifo2ifo.mu,
built_in_models/ao_model_mdc2r2_fd_ltpnoise.m,
built_in_models/ao_model_mdc2r2_fd_ltpnoise.mu,
built_in_models/ao_model_mdc2r3_fd_ifo2ifo.m,
built_in_models/ao_model_mdc2r3_fd_ltpnoise.m,
built_in_models/ao_model_whitenoise.m,
built_in_models/ssm_model_standard_system_noparams.m,
built_in_models/ssm_model_standard_system_params.m,
ssm_models/ssm_model_standard_system_noparams.m,
ssm_models/ssm_model_standard_system_params.m: Move all built-in
models into one folder '..m/built_in_models'

2009-04-03 13:41 hewitson

- * classes/@ao/curvefit2.m: Explicitely write errors to dy field.
The assumption is that the errors are symetric and so only the
upper value is used.

2009-04-03 09:53 hewitson

- * classes/@LTPDAworkbench/lib.mat: Updated library.

2009-04-02 18:01 nicola

- * classes/@ao/iplot.m: Typos and comments.

2009-04-02 17:38 nicola

- * m/gui/ao_browser/ltpda_explorer.m: Now using iplot instead of
plot to show AO contents.

2009-04-02 17:37 nicola

* classes/@ao/iplot.m: Now accepting as a parameter the handle of the figure where to plot.

2009-04-02 14:29 mauro

* html_help/help/ug/: coherence_content.html, cpsd_content.html, l_coherence_content.html, l_cpsd_content.html, l_psd_content.html, l_transfer_content.html, sigproc_intro_content.html, transfer_content.html: Updated/fixed links

2009-04-02 10:45 hewitson

* classes/@ao/mdc1_ifo2control.m: Added a parameter to switch on and off the actuator delays since these were not included in MDC2 models.

2009-04-01 17:55 ingo

* classes/+utils/@helper/xmlread.m: Add the number types: uint32, and uint64

2009-04-01 17:00 ingo

* classes/@ao/split.m: split also 'dx' and 'dy' for the split-type 'samples'

2009-04-01 16:44 ingo

* classes/@ao/split.m: split also 'dx' and 'dy' for the split-type 'times' and 'frequency'

2009-04-01 16:00 anneke

* m/ao_models/: ao_model_mdc1_fd_i1o1_dGdf.m, ao_model_mdc1_fd_i1o1_dOmega1.m: built-in models for derivatives of i1o1 transfer function

2009-04-01 15:07 ingo

* classes/@ao/: lpsd.m, lxspecc.m: Bug fix: remove pl.pset of 'Olap' because now have the if-command a 'else'.

2009-04-01 14:22 mauro

* classes/@ao/lxspec.m: -) The t0 is set for the output ao if it is the same for both the two inputs tsdata ao -) Bug fixed in simplifying units

2009-04-01 14:13 ingo

* classes/@ao/: ao.m, fromLTPDAmode.m: Add constructor: from LTPDA model

2009-04-01 13:34 ingo

* classes/@ao/select.m: Selects also the 'dx' and 'dy' values.

2009-04-01 13:33 ingo

* classes/@cdata/: cdata.m, getDy.m: Add the method getDy

2009-04-01 13:33 ingo

* classes/@cdata/copy.m: Add the field 'dy'

2009-04-01 12:19 mauro

* classes/@ao/: lpsd.m, lcpsd.m: Default plists updated

2009-04-01 08:44 mauro

* classes/@ao/lxspec.m: Help fixed

2009-03-31 19:40 nicola

* classes/@ao/ao.m: Help update.

2009-03-31 13:50 miquel

* classes/@pzmodel/fromLISO.m: bug fix

2009-03-30 21:42 ingo

* classes/@msym/msym.m: Add the method eq() and the constructor for structures(read from XML)

2009-03-30 21:37 ingo

* classes/@unit/simplify.m: Using the command:
>> eval(['1e' num2str(N)])
instead of power(10, N) because power(10, -24) is not the same as 1e-24

2009-03-30 21:31 ingo

- * classes/@msym/msym.m: Remove the msym-class which is inside the ltpdamodel class

2009-03-30 16:55 nicola

- * classes/@ao/ao.m: Updated help.

2009-03-30 15:30 nicola

- * classes/@ao/ao.m: Made 'real/imag' default complex type. Other minor fixes.

2009-03-30 15:13 mauro

- * classes/@ao/xspec.m: The t0 is set for the output ao if it is the same for both the two inputs tsdata ao

2009-03-30 15:12 mauro

- * classes/@pzmodel/pzmodel.m: Help fixed

2009-03-30 10:55 luigi

- * classes/@ao/eqmotion.m: added the possibility to avoiding the smoothing of the data in the thrd term at the second member of the equation of motion

2009-03-30 08:59 mauro

- * classes/@ao/: cohere.m, cpsd.m, tfe.m: Introduced the 'navs' key. Default plists changed accordingly

2009-03-30 08:58 mauro

- * classes/@ao/xspec.m: o) Introduced the 'navs' key: if set, the Nfft is calculated, based on the dataset length and window overlap. If the key is left empty, or to a value ≤ 1 , it is ignored and the calculation is performed in the "usual" way. o) Help fixed o) Nfft = 0 allowed o) small bug fix on handling Nfft < 0

2009-03-30 08:56 mauro

- * classes/@ao/welch.m: Help fixed

2009-03-30 08:55 mauro

* classes/@ao/psd.m: Also true/false or 'true'/'false' are legal to set the variance Help fixed

2009-03-28 09:50 mauro

* classes/@ao/psd.m: Solved conflict in evaluating the Nfft value when navs is set by user

2009-03-27 20:33 miquel

* classes/@ao/: lpsd.m, lxspecc.m: corrected bug: The 'olap' was treated different if it came by default of it was setted by the user. Now lpsd(a1) = lxspecc(a1,a1) up to numerical precision

2009-03-27 16:40 hewitson

* jar/DataTable.jar: The table viewer for the ao/table method.

2009-03-27 16:40 hewitson

* classes/@ao/table.m: A new method which displays the data from the AO in a table.

2009-03-27 15:49 mauro

* classes/@ao/psd.m: Added description to default plist

2009-03-27 15:49 luigi

* classes/@ao/confint.m: some bugs fixed

2009-03-27 15:48 luigi

* classes/+utils/@math/jr2cov.m: bugs fixed

2009-03-27 15:48 mauro

* classes/@ao/ao.m: Help fixed

2009-03-27 15:42 hewitson

* classes/@ao/ao.m: Added a link which opens the parameter report in the web browser.

2009-03-27 15:42 hewitson

* classes/@minfo/tohtml.m: A new method which converts an minfo object to html which can be displayed with the web function:

```
>> web(ao.getInfo.tohtml)
```

2009-03-27 14:29 hewitson

* jar/: MPipeline.jar, mysql-connector-java-5.1.6-bin.jar: Jar files are now stored in a more central location.

2009-03-27 14:28 hewitson

* classes/+utils/@mysql/: mysql-connector-java-5.0.6-bin.jar, mysql-connector-java-5.1.2-beta-bin.jar, mysql-connector-java-5.1.6-bin.jar: Moved to the jar folder.

2009-03-27 14:28 hewitson

* makeToolbox.m: Installs the jar files into a single directory. This is a more maintainable approach and keeps all LTPDA jar files (currently only 2) in one place.

2009-03-27 14:27 hewitson

* m/etc/ltlda_startup.m: Now adds all jar files in the 'jar' folder instead of individually.

2009-03-27 13:25 luigi

* test/test_ao_eqmotion.m: test script for ao/eqmotion

2009-03-27 13:23 luigi

* classes/@ao/eqmotion.m: a method to solve numerically a standard second order linear equation of motion

2009-03-27 11:49 hewitson

* test/test_ltpdamodel.m: Updated test script to call curvefit2.

2009-03-27 10:22 hewitson

* classes/@ao/curvefit2.m: A temporary new version of curvefit which works with the new ltpdamodel objects. This will disappear after testing.

2009-03-27 09:42 ingo

* classes/@cdata/display.m: Display the new field 'dy'

2009-03-26 17:26 luigi

* classes/+utils/@math/math.m: updated

2009-03-26 17:26 luigi

* classes/+utils/@math/: getjacobian.m, jr2cov.m: - function to calculate jacobian of a given function with finite difference method - get covariance matrix for fit coefficients from jacobian and fit residuals

2009-03-26 17:23 luigi

* classes/@ao/confint.m: calculate confidence levels also for fit parameters (to be tested...)

2009-03-26 17:20 hewitson

* m/ao_models/: ao_model_mdc1_fd_Sdf.m, ao_model_mdc1_fd_df_controller.m, ao_model_mdc1_fd_i1o12.m, ao_model_mdc1_fd_Ssus.m, ao_model_mdc1_fd_Tdf.m, ao_model_mdc1_fd_Tsus.m, ao_model_mdc1_fd_dynamics.m: Speeding up the models a bit.

2009-03-26 17:17 luigi

* classes/@ao/: curvefit.m, ltpda_fitChiSquare.m: added some fields in the gof field of the proinfo - jac function Jacobian matrix (useful for calculation of confint) - fit residuals (useful for calculation of confint)

2009-03-26 16:04 hewitson

* classes/@data2D/applymethod.m: Apply the same method to the errors.

2009-03-26 16:04 hewitson

* classes/@ao/mltfe.m: Take care of numerical problems when coherence is ≥ 1 in estimating the errors.

2009-03-26 16:04 hewitson

* classes/@LTPDAworkbench/lib.mat: Updated library

2009-03-26 15:44 mauro

- * classes/@ao/cohere.m: Changed the name of the parameter allowing to choose between Magnitude-Squared Coherence and Complex Coherence to be: 'Type'

2009-03-26 14:44 ingo

- * classes/@ao/: filter.m, whiten1D.m: Adjust the key-word for the procinfo to the key-word for the input. For example the key-word for ao/filter is 'filter' and this word should be used for the procinfo!!!

2009-03-26 14:00 ingo

- * classes/@ao/find.m: Add some comments

2009-03-26 14:00 ingo

- * classes/@cdata/: cdata.m, setDy.m: Add 'dy' to the cdata class

2009-03-26 13:59 ingo

- * classes/@plist/getSetRandState.m: Bug fix: 'uint32' and not 'uint'

2009-03-26 13:38 ingo

- * classes/@plist/getSetRandState.m: Bug fix: The 'State' must be from type 'uint32'

2009-03-26 13:12 ingo

- * classes/: @ao/fromFSfcn.m, @ao/fromFcn.m, @ao/fromPzmodel.m, @ao/fromTSfcn.m, @ao/fromWaveform.m, @ao/fromXYFcn.m, @ao/whiten1D.m, @ao/whiten2D.m, @plist/getSetRandState.m: Use the method plist/getSetRandState (PLIST class) to get or set the random state from a plist.

2009-03-26 13:09 ingo

- * classes/@plist/: plist2cmds.m, string.m: Creates more dimensional structures.

2009-03-26 13:07 ingo

- * classes/: @ltpda_obj/eq.m, @plist/eq.m: Bug fix: Error in the display of the not equal fields.

2009-03-26 13:03 ingo

- * classes/@ao/mltfe.m: Add semicolon

2009-03-26 13:03 ingo

- * classes/@ao/lxspec.m: Keep the data-shape of the first AO

2009-03-26 13:02 ingo

- * classes/@ao/: lcohere.m, lcpsd.m: It is not longer necessary to index the output because the output is always only one object.

2009-03-26 11:47 hewitson

- * classes/@ao/find.m: Now treats the dx and dy vectors.

2009-03-26 11:32 miquel

- * classes/@ao/welch.m: corrected a bug making the tfe phase having the wrong sign

2009-03-26 11:31 miquel

- * classes/@ao/psd.m: corrected typo

2009-03-26 10:04 miquel

- * test/: test_ao_cpsd.m, test_ao_lcpsd.m: updated to the new behaviour of cross spectral estimators

2009-03-26 09:48 miquel

- * test/: test_ao_ltf.m, test_ao_tfe.m: update including variance

2009-03-26 09:42 miquel

- * classes/@ao/: lxspec.m, mltfe.m, welch.m: reformatting and renaming variables

2009-03-26 09:06 miquel

- * m/ao_models/ao_model_mdc2r3_fd_ifo2ifo.m: return zeros if transfer function is empty

2009-03-26 07:54 mauro

- * classes/@ao/xspec.m: Introduced calculation of complex coherence

2009-03-26 07:54 mauro

- * classes/@ao/cohere.m: Introduced calculation of complex coherence
It's accessible via the 'Scale' parameter

2009-03-26 07:51 mauro

- * classes/@ao/welch.m: Introduced calculation of complex coherence

2009-03-25 23:04 miquel

- * classes/@ao/: lxspecc.m, mltfe.m: changed the name of the variable
err to dev

2009-03-25 23:03 miquel

- * classes/@ao/welch.m: added variance computation for psd. The
current implementation is only valid for stationary noise and
large num. of samples. Still under test.

2009-03-25 21:31 miquel

- * classes/@ao/psd.m: added a field to compute the variance, default
set to yes

2009-03-25 21:29 miquel

- * classes/@ao/xspec.m: changed the name of the variable from err to
dev

2009-03-25 18:39 nicola

- * test/aorepo_proto_test/: repo_test_func.m, repo_test_rand_objs.m:
Now reporting also the objects size (both xml and binary).

2009-03-25 17:17 luigi

- * classes/@ao/: confint.m, getdof.m: added a note in the help The
methods work only with the direct output of the corresponding
parent method (Eg. psd) if you have processed data you will get
an error

2009-03-25 17:05 luigi

- * test/MDC2/test_mdc2_noisegen_accuracy.m: updated to the latest
version and added some plot functionality

2009-03-25 17:02 luigi

* classes/@ao/: confint.m, getdof.m: modified to adapt to the latest changes

2009-03-25 13:42 ingo

* classes/@ao/: cohere.m, cpsd.m: It is not longer necessary to index the output because the output is always only one object.

2009-03-25 13:41 ingo

* classes/@ao/xspec.m: Change the shape of the error ('err') of the input is a row-vector.

2009-03-25 12:10 hewitson

* classes/@ao/mdc1_ifo2acc_fd.m, classes/@ao/mdc1_ifo2acc_inloop.m, classes/@ao/mdc1_x2acc.m, m/ao_models/ao_model_mdc1_fd_Sdf.m, m/ao_models/ao_model_mdc1_fd_Ssus.m, m/ao_models/ao_model_mdc1_fd_Tdf.m, m/ao_models/ao_model_mdc1_fd_Tsus.m, m/ao_models/ao_model_mdc1_fd_dynamics.m: Some updates to make the definition of stiffness consistent across the models.

2009-03-24 18:05 ingo

* classes/+utils/@math/: autocfit.m, autodfit.m, psd2tf.m, psd2wf.m: Use the method 'utils.helper.msg' instead of 'disp'

2009-03-24 18:02 ingo

* classes/: @ao/copy.m, @cdata/copy.m, @fsdata/copy.m, @history/copy.m, @mfir/copy.m, @miir/copy.m, @minfo/copy.m, @param/copy.m, @parfrac/copy.m, @plist/copy.m, @provenance/copy.m, @pz/copy.m, @pzmodel/copy.m, @rational/copy.m, @ssm/copy.m, @time/copy.m, @timespan/copy.m, @tsdata/copy.m, @unit/copy.m, @xydata/copy.m, @xyzdata/copy.m, @specwin/copy.m: 1.) update the copy methods to all new properties. For example the proeprty 'description' is moved to the ltpda_uoh class or data2D have the new properties 'dx' and 'dy' 2.) Use the built-in static method 'newarray' to create an empty object. 3.) Copy the i-/o- units objects. 3.) Clone the java-timezone object.

2009-03-24 11:31 luigi

* test/MDC1/test_mdc1_conv2acc_utn.m: mdc1 with utn algorithms

2009-03-24 11:29 luigi

- * test/MDC2/test_mdc2_noisegen_accuracy.m: test script to evaluate the accuracy of the noise generation procedure - make an average on several independent noise realizations - calculate confidence bounds for psd and mscohere (of the average) - calculate mean chi square of the psd and mscohere

2009-03-23 19:52 hewitson

- * test/test_ltpdamodel.m: A simple demonstration script for the new ltpdamodel user class.

2009-03-23 19:51 hewitson

- * makeToolbox.m: Now installs the two new prototype classes.

2009-03-23 19:51 hewitson

- * classes/+utils/@helper/ltpda_classes.m: Added the two new prototype classes.

2009-03-23 19:51 hewitson

- * classes/+utils/@prog/cell2str.m: Bug fix for the case where the cell-array is empty.

2009-03-23 19:49 hewitson

- * classes/@msym/msym.m: Very simple symbolic expression class which works directly in MATLAB with no symbolic toolbox necessary. It's only useful for making symbolic expressions then substituting and evaluating. No high precision arithmetic; no fancy manipulation or simplification.

2009-03-23 09:22 anneke

- * html_help/help/ug/franklin_ng_content.html: removed broken links

2009-03-20 18:39 ingo

- * classes/: @ao/ao.m, @cdata/cdata.m, @data2D/data2D.m, @data3D/data3D.m, @fsdata/fsdata.m, @history/history.m, @ltpda_data/ltpda_data.m, @ltpda_filter/ltpda_filter.m, @ltpda_nuo/ltpda_nuo.m, @ltpda_obj/ltpda_obj.m, @ltpda_tf/ltpda_tf.m, @ltpda_uoh/ltpda_uoh.m, @ltpda_uo/ltpda_uo.m, @mfir/mfir.m, @miir/miir.m, @minfo/minfo.m,

@param/param.m, @parfrac/parfrac.m, @plist/plist.m,
@provenance/provenance.m, @pz/pz.m, @pzmodel/pzmodel.m,
@rational/rational.m, @specwin/specwin.m, @ssm/ssm.m,
@time/time.m, @timespan/timespan.m, @tsdata/tsdata.m,
@unit/unit.m, @xydata/xydata.m, @xyzdata/xyzdata.m: Update the
headers of all constructor to the current 'properties' and public
'methods'

2009-03-20 18:37 ingo

* classes/@ao/: fromComplexDatafile.m, fromDatafile.m: small bug
fix

2009-03-20 18:12 luigi

* test/test_ao_confint.m: test script for ao/confint

2009-03-20 18:01 luigi

* classes/@ao/confint.m: some updates

2009-03-20 17:58 luigi

* classes/@ao/getdof.m: a method to get the degrees of freedom of a
spectral estimation

2009-03-20 16:04 miquel

* classes/@ao/mltfe.m: 1) changed to make it work computing the
transfer function estimate only once 2) the function accepts as a
input the number of averages as computed by ltf_plan 3) error is
returned as complex value instead of in polar form

2009-03-20 15:59 miquel

* classes/@ao/lxspec.m: 1) errors are stored in the dy field 2)
number of averages is passed to mltfe because it is needed to
compute the error 3) removed loop over aos

2009-03-20 15:55 miquel

* classes/@ao/xspec.m: the relative error is multiplied by the
abs(tfe) to get the absolute error

2009-03-20 15:52 miquel

* classes/@ao/ltfe.m: 1) this method (as all the rest of cross
spectral estimators: tfe, cpsd/lcpsd ,cohere/lcohere) returns one

output ao. 2) default value to compute variance is yes 3) added desc field to default plist

2009-03-20 10:55 anneke

* classes/@ao/lscov.m: added possibility of giving covariance matrix to the fit. parameter key: 'cov'

2009-03-20 09:49 miquel

* classes/@ao/: lcohere.m, lcpd.m, ltfe.m: these methods only accept two aos as input now.

2009-03-19 20:46 ingo

* html_help/help/ug/images/objects_class_diagram.png: update image of our class diagram

2009-03-19 20:11 miquel

* classes/@ao/cohere.m: corrected a typo

2009-03-19 20:11 ingo

* html_help/help/ug/: ao_create_content.html, bycategory_content.html, coherence_content.html, cpsd_content.html, cross_content.html, downsample_content.html, gapfill_content.html, interp_content.html, l_coherence_content.html, l_cpsd_content.html, l_psd_content.html, l_transfer_content.html, ltpda_training_topic_2_3_content.html, objects_intro_content.html, objects_working_content.html, parfrac_content.html, plist_intro_content.html, rational_content.html, repo_what_is_content.html, resample_content.html, sigproc_diff_content.html, sigproc_polyfit_content.html, sigproc_spec_content.html, spikeclean_content.html, transfer_content.html, upsample_content.html: update broken links 1. Instead to reference direct to internet webside I'm using the MATLAB browser '<http://google.de>' - 'matlab:web('<http://www.google.de>)' Not each user have defined his default web-browser in 'docopt' 2. Instead to reference to the 'old' ug/classes/@ao/abs.m file I'm using 'matlab:doc('ao/abs')'

2009-03-19 20:03 miquel

* classes/@ao/welch.m: returns error as an complex array, not in polar form as before.

2009-03-19 20:02 miquel

- * classes/@ao/xspec.m: 1) removed loop over aos since only two inputs are now accepted. 2) variance is right now calculated only for the tfe case 3) returns tfe errors in the dy field. It returns the absolute error, not the relative as done before.

2009-03-19 19:56 miquel

- * classes/@ao/: cohere.m, cpsd.m, tfe.m: these methods only accept two aos as inputs now. added description field to default plist. tfe default value for variance is 'yes'

2009-03-19 18:46 luigi

- * classes/@ao/lxspec.m: added some parameters to the procinfo

2009-03-19 18:45 luigi

- * classes/@ao/confint.m: a method to calculate confidence levels for psd, lpsd, mscohere, mslcohere...

2009-03-19 15:37 ingo

- * classes/@history/hist2m.m: add a 'strtrim' to the plist-command

2009-03-19 15:36 ingo

- * classes/@pzmodel/fromLISO.m: Throw an error (with error message) if the file doesn't exist.

2009-03-19 15:35 ingo

- * classes/@plist/: plist2cmds.m, string.m: We have to add the description of the param-object to the output.

2009-03-19 15:34 ingo

- * classes/@plist/eq.m: Checks if the param-objects are the same. The order of the param-objects doesn't matter.

2009-03-19 11:40 mauro

- * classes/@ao/psd.m: The 'navs' option now works only if 'Nfft' is set to ≤ 0 , to explicitly avoid conflicts (if the user sets 'Nfft', it takes priority)

2009-03-19 11:18 ingo

- * classes/@unit/unit.m: update the regular expression. The following pattern matches with this regular expression:
'm^(12/3)' 's^-1/2' 'm^-.55' 'm^12.345'

2009-03-18 17:37 mauro

- * classes/@ao/psd.m: Bug fixed: an overlap value of 0 is legal (it means non-overlapping windows)

2009-03-18 17:31 mauro

- * classes/@ao/: cohere.m, lcohere.m: Help updated

2009-03-18 17:30 mauro

- * html_help/help/ug/: coherence_content.html, images/cohere_1.png, images/cohere_2.png, l_coherence_content.html, images/l_cohere_1.png, images/l_cohere_2.png: Updated User Manual entry

2009-03-18 17:10 mauro

- * classes/@ao/psd.m: Introduced the 'navs' key: if set, the Nfft is calculated, based on the dataset length and window overlap. If the key is left empty, or to a value ≤ 1 , it is ignored and the calculation is performed in the "usual" way.

2009-03-18 16:37 ingo

- * classes/@ao/: mpower.m, power.m: Add exponent to default plist.

2009-03-18 15:00 miquel

- * test/test_ao_metropolis.m: test script for the metropolis sampler

2009-03-18 14:59 miquel

- * classes/@ao/metropolis.m: a first version of a method to sample probability distribution functions using a markov chain

2009-03-18 14:01 miquel

- * m/ao_models/ao_model_mdc2r2_fd_ifo2ifo.m: added default value to index parameter

2009-03-18 10:34 mauro

* html_help/help/ug/: cpsd_content.html, l_cpsd_content.html, l_psd_content.html, psd_content.html: Minor fix

2009-03-18 10:33 mauro

* html_help/help/ug/: transfer_content.html, images/transfer_1.png, images/transfer_2.png, images/transfer_3.png, images/transfer_4.png, l_transfer_content.html, images/l_transfer_1.png, images/l_transfer_2.png: Updated User Manual entry. Ready for single output version Updated figures

2009-03-17 21:16 ingo

* classes/@unit/unit.m: Create from the token-struct a unit object.

2009-03-17 21:12 ingo

* classes/@unit/unit.m: update the regular expression.

2009-03-17 20:29 ingo

* classes/@unit/unit.m: Now, supports the constructor a string with a division. For example unit('s/m') or unit('1/m')

2009-03-17 18:49 nicola

* classes/@repogui/exp_struct_icons/: analysis_object.gif, c_data.gif, cell_icon.gif, char_icon.gif, double_icon.gif, fs_data.gif, history.gif, logic_icon.gif, obj_icon.gif, plist.gif, struct_icon.gif, structarray_icon.gif, ts_data.gif, unknown_icon.gif, xy_data.gif: Images used by the repogui tree structure.

2009-03-17 18:47 nicola

* classes/@repogui/: buildConnectPanel.m, buildMainFig.m, buildSubmitPanel.m, cb_connect.m, cb_mainfigClose.m, cb_submit.m, cb_treogui.m, repogui.m, setWorkspaceObjsList.m: First batch of updates: - the submit panel now offers an external tree structure to browse and select variables to submit (multiple selection is allowed). - colors removed and appearance uniformed. - some fixes.

2009-03-17 18:43 miquel

* m/ao_models/: ao_model_mdc2r2_fd_ifo2ifo.m, ao_model_mdc2r3_fd_ifo2ifo.m: added support for input ao as

frequency added 'index' field to select one of the four transfer frequencies added description to default plist

2009-03-17 18:41 miquel

* m/ao_models/: ao_model_mdc2r2_fd_ltpnoise.m,
ao_model_mdc2r3_fd_ltpnoise.m: added support for input ao as frequency

2009-03-17 18:28 ingo

* classes/@ao/export.m: MANTIS bug 0000323: Update H1 line and description of this method.

2009-03-17 18:14 ingo

* html_help/help/ug/: class_desc_ao_content.html,
class_desc_fsdata_content.html, class_desc_mfir_content.html,
class_desc_miir_content.html, class_desc_param_content.html,
class_desc_parfrac_content.html, class_desc_plist_content.html,
class_desc_pzmodel_content.html,
class_desc_rational_content.html, class_desc_ssm_content.html,
class_desc_timespan_content.html, class_desc_tsdata_content.html,
class_desc_xydata_content.html, class_desc_xyzdata_content.html:
Update the the class description to the new fields:
ltpda_uoh/description param/desc data2D/dx data2D/dy

2009-03-17 18:07 ingo

* html_help/help/create_class_desc/property_descriptions.txt: New description for: ltpda_uoh.description provenance.control_version param.desc data2D.dx data2D.dy

2009-03-17 17:52 ingo

* html_help/help/ug/: bycategory_content.html,
class_desc_ao_content.html, class_desc_cdata_content.html,
class_desc_fsdata_content.html, class_desc_history_content.html,
class_desc_mfir_content.html, class_desc_miir_content.html,
class_desc_minfo_content.html, class_desc_param_content.html,
class_desc_parfrac_content.html, class_desc_plist_content.html,
class_desc_provenance_content.html, class_desc_pz_content.html,
class_desc_pzmodel_content.html,
class_desc_rational_content.html,
class_desc_specwin_content.html, class_desc_ssm_content.html,
class_desc_time_content.html, class_desc_timespan_content.html,
class_desc_tsdata_content.html, class_desc_unit_content.html,
class_desc_xydata_content.html, class_desc_xyzdata_content.html:

Set special command for the constructor: doc('unit') and not doc('unit/unit')

2009-03-17 17:45 ingo

* html_help/help/ug/: additional_progs_content.html, images/LTPDAlauncher.png, images/LTPDAprefs_ExtProg.png: MANTIS bug 0000315: Update 3rd-party software. Set the preferences with the LTPDAprefs Panel.

2009-03-17 16:11 mauro

* html_help/help/ug/: l_cpsd_content.html, l_psd_content.html: Updated reference

2009-03-17 14:01 ingo

* classes/: @ao/fromProcinfo.m, @ao/fromPzmodel.m, @ao/fromSpecWin.m, @ao/fromVals.m, @mfir/fromA.m, @mfir/fromAO.m, @mfir/fromPzmodel.m, @mfir/fromStandard.m, @miir/fromAB.m, @miir/fromLISO.m, @miir/fromParfrac.m, @miir/fromPzmodel.m, @miir/fromStandard.m, @parfrac/fromPzmodel.m, @parfrac/fromRational.m, @parfrac/fromResidualsPolesDirect.m, @pzmodel/fromLISO.m, @pzmodel/fromPolesAndZeros.m, @pzmodel/fromRational.m, @rational/fromCoefficients.m, @rational/fromParfrac.m, @rational/fromPzmodel.m, @timespan/fromTimespanDef.m: Set properties from input plist.

2009-03-17 07:15 mauro

* classes/@ao/: lpsd.m, psd.m: Help updated

2009-03-17 07:14 mauro

* html_help/help/ug/: l_psd_content.html, psd_content.html, images/cpsd_2.png, images/psd_1.png, images/psd_2.png: Updated User Manual entry.

2009-03-17 07:13 mauro

* html_help/help/ug/: cpsd_content.html, l_cpsd_content.html, images/l_cpsd_2.png: Updated User Manual entry. Ready for single output version

2009-03-16 20:39 ingo

* classes/@ao/fromProcinfo.m: Add new method which returns for a given key-name the value of the procinfo -plist

2009-03-16 20:12 miquel

- * classes/@ao/: dropduplicates.m, fixfs.m, interpmissing.m: added description to default plists of methods used by consolidate

2009-03-16 20:11 miquel

- * classes/@ao/consolidate.m: the user can now set the parameters for the methods inside consolidate. (dropduplicates,interpmissing,fixfs). Also added description field in default plist

2009-03-16 20:03 ingo

- * classes/@ssm/ssm.m: Remove the 'description' field from the ssm constructor because this class inherited this field from the ltpda_uoh class.

2009-03-16 19:53 ingo

- * classes/@plist/: plist.m, setDesc.m, setDescription.m: Add the public methods setDesc and setDescription to the plist class. setDesc is necessary for the setProperties method because the property is only called 'desc'

2009-03-16 19:51 ingo

- * classes/@param/: param.m, setDesc.m: Add the public method 'setDesc' to the param class.

2009-03-16 19:50 ingo

- * classes/@ao/cov.m: Update to the header

2009-03-16 19:48 ingo

- * classes/@ao/gapfilling.m: Remove 'old' comments

2009-03-16 17:23 luigi

- * classes/@ao/: sDomainFit.m, zDomainFit.m: changed some ao assignment inside the functions

2009-03-16 16:58 luigi

- * classes/@ao/: whiten1D.m, whiten2D.m: chaged parse with combine in the procinfo assignment because it is faster

2009-03-16 16:55 luigi

- * classes/@ao/psdconf.m: changed to fractional confidence to percentage confidence removed embedded aos construction - ao are constructed step by step

2009-03-16 15:30 luigi

- * classes/@ao/: whiten1D.m, whiten2D.m: changed procinfo assignment to preserve input data procinfos

2009-03-16 12:58 ingo

- * classes/: @parfrac/display.m, @pzmodel/display.m, @rational/display.m: display the new property 'description'

2009-03-16 12:55 ingo

- * classes/: @param/copy.m, @param/display.m, @param/param.m, @plist/plist.m: Add the fields 'desc' to the param class and add for this new constructor to the param class and plist class. The new constructors are: param(key, value, description) plist({key, desc}, val) plist({key1, desc}, val1, key2, val2, {key3, desc}, val3, ...)

2009-03-16 12:52 ingo

- * classes/: @ao/ao.m, @ltpda_uoh/ltpda_uoh.m, @ltpda_uoh/setDescription.m: Move the property 'description' from the AO class to the ltpda_uoh class.

2009-03-16 12:50 ingo

- * classes/: @ao/dx.m, @ao/dy.m, @ao/setDx.m, @ao/setDy.m, @data2D/data2D.m, @data2D/getDx.m, @data2D/getDy.m, @data2D/setDx.m, @data2D/setDy.m: Add new fields 'dx' and 'dy' to the data2D class with their getter and setter methods.

2009-03-16 12:49 ingo

- * classes/: @fsdata/display.m, @tsdata/display.m, @xydata/display.m: display the new fields 'dx' and 'dy'

2009-03-16 11:05 luigi

- * classes/@ao/psdconf.m: change to avoid non-fsdata at input

2009-03-16 11:00 luigi

- * classes/@ao/psdconf.m: changes to avoid multiple aos inputs, to better handle processed data and to avoid modifier action

2009-03-16 10:44 anneke

- * classes/@ao/lscov.m: corrected example in help header: removed stdx from output since it does not exist anymore

2009-03-16 10:32 anneke

- * html_help/help/ug/ao_create_content.html: corrected help for fraklin's noise generator: corrected paper citation and added citation of Gerhards TN

2009-03-16 07:08 mauro

- * classes/@ao/: welch.m, xspec.m: Now the 'variance' key can also be set by true/false or 'true'/'false'

2009-03-16 07:04 mauro

- * classes/@ao/: fromComplexDatafile.m, fromDatafile.m: Now the 'robust' key can also be set by true/false or 'true'/'false'

2009-03-16 07:02 mauro

- * classes/@ltpda_uoh/fromRepository.m: Now the 'binary' key can also be set by true/false or 'true'/'false'

2009-03-13 18:49 luigi

- * classes/@ao/psdconf.m: a method to calculate confidence levels for power spectral densities calculated with psd and lpsd

2009-03-13 09:20 mauro

- * classes/@ao/: ltfe.m, tfe.m: Help updated and harmonized Minor reformatting of the default plist

2009-03-13 09:17 mauro

- * html_help/help/ug/sigproc_intro_content.html: Wrong links fixed

2009-03-13 09:17 mauro

- * classes/@ao/lcohere.m: Help fixed Minor reformatting of default

plist

2009-03-13 09:16 mauro

* classes/@ao/cohere.m: Help fixed Some reformatting Removed one (so far) not used parameter

2009-03-13 09:15 mauro

* classes/@ao/: cpsd.m, lcpd.m, lpsd.m, psd.m: Help fixed Some reformatting

2009-03-12 14:36 mauro

* classes/@ao/: cpsd.m, lcpd.m: Help updated and harmonized

2009-03-12 14:35 mauro

* classes/@ao/: lpsd.m, psd.m: Help fixed Some reformatting

2009-03-12 14:35 ingo

* html_help/help/create_class_desc/create_methods_desc.m: Create a special link for the constructors.

2009-03-12 14:10 mauro

* classes/@ao/: lpsd.m, psd.m: Help updated and harmonized

2009-03-12 14:04 ingo

* html_help/help/ug/: class_desc_ao_content.html,
class_desc_cdata_content.html, class_desc_fsdata_content.html,
class_desc_history_content.html, class_desc_mfir_content.html,
class_desc_miir_content.html, class_desc_minfo_content.html,
class_desc_param_content.html, class_desc_parfrac_content.html,
class_desc_plist_content.html,
class_desc_provenance_content.html, class_desc_pz_content.html,
class_desc_pzmodel_content.html,
class_desc_rational_content.html,
class_desc_specwin_content.html, class_desc_ssm_content.html,
class_desc_time_content.html, class_desc_timespan_content.html,
class_desc_tsdata_content.html, class_desc_unit_content.html,
class_desc_xydata_content.html, class_desc_xyzdata_content.html:
Update documentation: The link of a method shows the
doc('class/method') information

2009-03-12 14:02 ingo

* [html_help/help/create_class_desc/create_methods_desc.m](#): Use the `doc('class/method')` command to display the method help

2009-03-12 13:35 ingo

* [classes/@unit/simplify.m](#): Bug fix

2009-03-12 12:58 ingo

* [classes/](#): [@cdata/cdata.m](#), [@data2D/applymethod.m](#), [@fsdata/fsdata.m](#), [@history/history.m](#), [@ltpda_filter/resp.m](#), [@ltpda_tf/resp.m](#), [@ltpda_uoh/report.m](#), [@mfir/fromAO.m](#), [@mfir/fromStandard.m](#), [@mfir/parseFilterParams.m](#), [@miir/fromStandard.m](#), [@minfo/minfo.m](#), [@param/param.m](#), [@provenance/provenance.m](#), [@pz/pz.m](#), [@pz/resp.m](#), [@pzmodel/rdivide.m](#), [@pzmodel/simplify.m](#), [@pzmodel/times.m](#), [@specwin/string.m](#), [@ssm/assemble.m](#), [@ssm/bode.m](#), [@ssm/copy.m](#), [@ssm/double.m](#), [@ssm/findParams.m](#), [@ssm/fromStruct.m](#), [@ssm/getParamValues.m](#), [@ssm/kalman.m](#), [@ssm/minreal.m](#), [@ssm/modifparams.m](#), [@ssm/modiftimestep.m](#), [@ssm/modify.m](#), [@ssm/reduce.m](#), [@ssm/reduce_model.m](#), [@ssm/resp.m](#), [@ssm/setparams.m](#), [@ssm/simulate.m](#), [@ssm/simulate2.m](#), [@ssm/sminreal.m](#), [@ssm/ssm2dot.m](#), [@ssm/ssm2iirpz.m](#), [@ssm/ssm2miir.m](#), [@ssm/ssm2pzmodel.m](#), [@ssm/ssm2rational.m](#), [@ssm/ssm2ss.m](#), [@ssm/subsparams.m](#), [@tsdata/tsdata.m](#), [@unit/unit.m](#), [@xydata/xydata.m](#), [@xyzdata/xyzdata.m](#), [@ao/convert.m](#), [@ao/ctranspose.m](#), [@ao/delay.m](#), [@ao/diff.m](#), [@ao/evaluateModel.m](#), [@ao/fft.m](#), [@ao/filter.m](#), [@ao/fixfs.m](#), [@ao/fngen.m](#), [@ao/fromComplexDatafile.m](#), [@ao/fromDatafile.m](#), [@ao/fromFSfcn.m](#), [@ao/fromGEOserver.m](#), [@ao/fromVals.m](#), [@ao/fromWaveform.m](#), [@ao/heterodyne.m](#), [@ao/join.m](#), [@ao/lisovfit.m](#), [@ao/lpsd.m](#), [@ao/lxspec.m](#), [@ao/max.m](#), [@ao/mdc1_ifo2acc_fd_utn.m](#), [@ao/min.m](#), [@ao/mlpsd_m.m](#), [@ao/mlpsd_mex.m](#), [@ao/mltfe.m](#), [@ao/psd.m](#), [@ao/sDomainFit.m](#), [@ao/simplifyYunits.m](#), [@ao/smooth.m](#), [@ao/sort.m](#), [@ao/spectrogram.m](#), [@ao/transpose.m](#), [@ao/welch.m](#), [@ao/welchscale.m](#), [@ao/xspec.m](#), [@ao/zDomainFit.m](#): Make all set-names and all values of a key-value pair (if used in a 'case' command) case insensitive.

2009-03-12 11:03 mauro

* [html_help/help/ug/ltpda_training_topic_3_5_content.html](#): Typo fixed

2009-03-12 10:42 mauro

* [classes/@ltpda_uoh/index.m](#): Default plist now has 'I' and 'J'

keys Updated help UTP relevant!

2009-03-12 10:38 mauro

- * classes/@unit/simplify.m: Modified to properly handle the simplification when prefixes need to be preserved

2009-03-12 10:36 mauro

- * classes/@unit/sqrt.m: Bug fix

2009-03-12 10:35 mauro

- * test/test_ao_simplifyYunits.m: Added more tests on the simplification preserving prefixes. Checks also sqrt

2009-03-09 23:03 miquel

- * test/LTPDA_training/topic_4_bandpass.lwb: workbench for topic 4 bandpass example

2009-03-09 15:32 hewitson

- * test/LTPDA_training/: topic_2.lwb, topic_3.lwb: Further workbenches for exercises of topics 2 and 3.

2009-03-09 10:50 miquel

- * html_help/help/ug/ltpda_training_topic_4_5_content.html: typo

2009-03-09 10:23 mauro

- * html_help/help/ug/images/ltpda_training_1/topic3/:
PSD_1_flowchart.dot, PSD_2_flowchart.dot, PSD_3_flowchart.dot,
TFE_1_flowchart.dot: Flowcharts for Session 3: .dot files

2009-03-09 10:21 mauro

- *
html_help/help/ug/images/ltpda_training_1/topic3/TFE_1_flowchart.png:
Updated to reflect the text of the topic (now using a miir,
rather than pzmodel + miir)