Change Log for LTPDA Toolbox v2.5

M Hewitson 10-02-12

Introduction

This version of LTPDA is 2.5. This document lists the changes since V2.4.

This version requires MATLAB 2010a or above.

The main focus of this release has been on improvements in time-series handling, bug fixing and underlying code improvements. In addition, the LTPDA repository underlying database structure has changed in this release, and the client-side functionality has been adapted to work with both the old repositories and new repositories. There have also been some fairly major changes to the toolbox, so keep reading to find out what they are! In addition, a significant number of bugs and change requests have been addressed.

New features and major changes

1. A check is made on the plist parameters passed to methods now. If the user specifies a key which is not in the default plist described in the method documentation, a warning is issued. In addition, for parameters which have a specified set of possible values, an error will be thrown if the user tries to use a value not in the set.

2. The repository connection manager has had a major overhaul with new settings in the LTPDA preferences for setting password expiry times and default repositories.

3. A new utility function is available for creating new methods in extension modules. See help on `utils.modules.makeMethod` for details.

4. The `matrix/mcmc` method can now handle priors and can do annealing with a thermostat.

5. The `ao/filtfilt` method can now do frequency-domain filtering.

6. The matrix class has a number of new methods which simply call the same method on the internal objects. For example:

```
m = matrix(ao.randn(10,10), ao.randn(10,10));
p = psd(m)
```

calls `ao/psd` on each of the internal AOs in the matrix.

7. The LTPDA user-manual now has a Functions section which lists all class methods, organised by class and category.

8. The `ao/split` method supports now a parameter `offset` whose value is an array of start/stop offsets to split by. Positive offsets are relative to the first sample. Negative offsets are taken from the end of the vector. For example [10 -10] removes 10 seconds from the beginning and end of the vector. An end time of 0 indicates the end of the vector.

9. The rules for adding and subtracting objects were updated:

   a) for xydata objects, the x axes should match
   b) for tsdata objects, the nsecs and fs should match (evenly sampled data)
   c) for tsdata objects, the x axes should match modulo the toffset (unevenly sampled data)"

10. It's now possible to create a cdata AO using an existing AO as input. Here are some examples:

```
a1 = ao.randn(2,2);
a2 = ao(plist('vals', a1)) % a2.y == a1.y
a3 = ao(plist('vals', a1, 'axis', 'x')) % a3.y == a1.x
```

11. The matrix and collection classes can now be nested. For example, you can do:

```
m1 = matrix(ao.randn(10,10), ao.randn(10,10));
m2 = matrix(ao.randn(10,10), ao.randn(10,10));
m  = matrix(m1, m2);
```
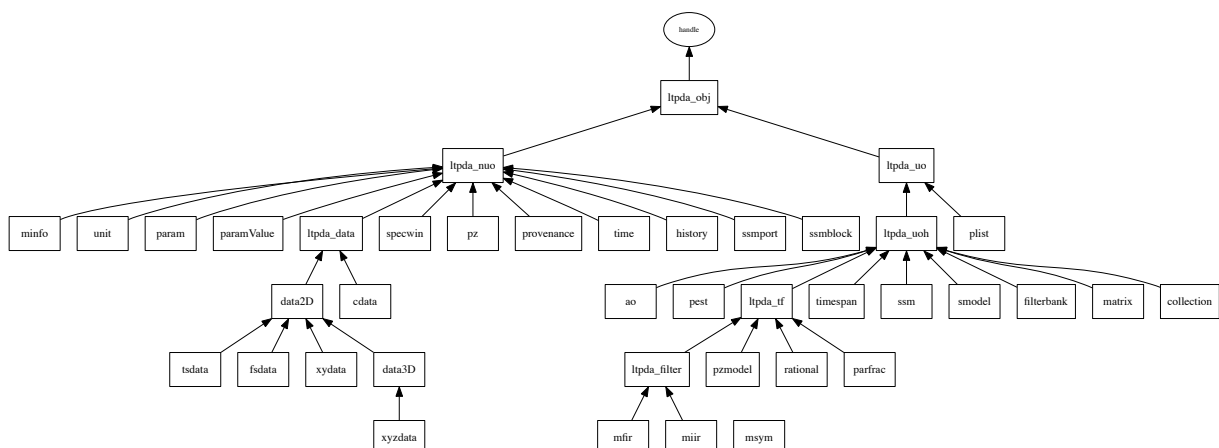
In previous versions of LTPDA, these calls would just copy the input matrix objects. Now these 'copy constructors' are removed and building of nested matrix and collection objects works.

12. LTPDA includes a useful function for listing all the plist keys for constructors. For example:
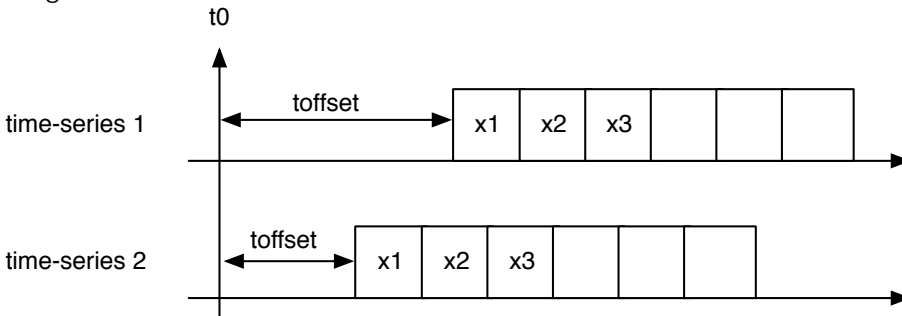
```
>> keys('ao')
```

13. For the curious user, you can generate a class diagram (assuming you have graphviz installed) by doing:

```
utils.helper.make_class_diagram(false) % don't show class methods
utils.helper.make_class_diagram(true) % show class methods
```


Changes to time-series data handling

In previous versions of LTPDA, time-series AOs (which contain a `tsdata` object) had two degrees-of-freedom for describing the absolute position of the data in time. These were the 't0' property which was used to specify the absolute time of the first sample, and then value of the first *x* sample (for evenly sampled data, this was always 0). In this version of LTPDA the property 't0' has a new meaning. Now it refers to a reference time and a new property has been added to the `tsdata` class which encodes the time between this reference time and the first *x* sample. As such, it is now possible to have two time-series which have the same reference time (the same 't0') but which have their data actually starting at different absolute times. An example is depicted in the following diagram:

This `toffset` property is mostly handled automatically by the toolbox, but it is possible for the user to set this value using the `ao/setToffset` method. The following situations can occur:

1) Setting `toffset` via `ao/setToffset` means the data will be shifted in time.
2) Setting the reference time via `ao/setReferenceTime` means the data stays where it is, the reference time (`t0`) is changed, and the `toffset` is updated accordingly.
3) Changing the reference time vi `ao/setT0` means the data moves in time because `t0` is update but `toffset` retains its value.

To adapt to this change, the `ao/timeshift` method no longer behaves as it did. Instead, now it adjusts the `toffset` by the relative amount given. Note: This method does no fancy interpolation it just shifts the start time of the first sample by the given amount relative to t0.

For backwards compatibility, we do the following steps on saving and loading of objects:
- before saving, t0 = t0 + toffset
- after loading, t0 = t0 - toffset

This means objects created with older versions of the toolbox are handled as if the `toffset` is zero, and older versions of the toolbox should be able to read objects created with toolbox versions >= 2.5.

New class methods

1. `matrix/dispersion` computes the dispersion function of an (`smodel`) system given the matrix of input signals.

2. `ao/qqplot` is a method to do the quantile-quantile plot with confidence intervals.

3. `matrix/modelselect` is method to compute the Bayes factors for an array of input models (ssm or matrix models are supported).

4. `ssm/getPortNamesForBlocks` returns a list of port names for a given block. This can be useful for preparing plists for methods like `ssm/simulate` and `ssm/bode`.

5. `ssm/viewDetails` shows a documentation page containing details of the given state-space model. It lists the inputs, outputs, states and parameters.

6. `matrix/unpack` can be used to conveniently extract the objects from within a matrix object. Internally this calls `matrix/getObjectAtIndex` to ensure proper history tracking.

7. The ao class now has some useful static constructors providing frequently used fundamental physical constants:

```
kb = ao.kb;        G = ao.G;    c = ao.c;    e = ao.e;
e0 = ao.epsilon0; h = ao.h;  mu0 = ao.mu0;
```

Methods removed

1. `ssm/getMatrixSelection` was deprecated since Aug 2010.
2. `ssm/noiseSpectrum` was deprecated since Aug 2010.
3. `ssm/setBlockDescriptions` was deprecated since Aug 2010.
4. `ssm/setBlockNames` was deprecated since Aug 2010.
5. `ssm/setBlockProperties` was deprecated since Aug 2010.
6. `ssm/setPortUnits` was deprecated since Aug 2010.
7. `ssm/setPortNames` was deprecated since Aug 2010.
8. `ssm/setPortDescriptions` was deprecated since Aug 2010.
9. `matrix/MultiChannelNoise` was removed and replaced by `matrix/mchNoisegenFilter`.
10. The matrix class constructor 'from CPSD' was removed and replaced by `matrix/mchNoisegen`.

Other Minor Changes of Note

1. `ssm` methods `CPSD` and `PSD` were renamed to `cpsd` and `psd`.
2. `ssm/keepParameters` is now deprecated and will be removed in a future release. Use `ssm/subsParameters` instead.
3. `ao/filter` and `ao/filfilt` no longer support the additional output for returning the filter with its history filled. Instead the filter is returned in the procinfo.
4. The syntax `utils.const.physics.c` to obtain values of frequently used fundamental physical constants now returns an AO object, with units and descriptions
5. Spectral windows are now treated (from user's point of view), merely via their name and length. All the other properties are calculated internally, when needed, based on the window definition.
6. Operations like adding and subtracting objects with different units, but equivalent to the same SI units, are now supported. For example:

```
a1 = ao(1, plist('yunits', 'N'));
a2 = ao(2, plist('yunits', 'kg m s^-2'));
a3 = a1 + a2;
a4 = a2 + a1;
```

MANTIS Issues Resolved

0000555	Bug Report	Robot does not generate plot for ao with data type 'fsdata'.
0000561	Bug Report	Plot not generated for some of the fsdata type objects
0000536	Change Request	matrix wrappers for common ao methods

[0000534](#)	Bug Report	iplot automatic ranging failing with two transfer functions
[0000538](#)	Bug Report	setFs does not update nsecs
[0000552](#)	Bug Report	Gnuplot interface uses Linux specific code to execute gnuplot, does not work on windows.
[0000551](#)	Bug Report	The wrong columns are plotted for data with error bars in gnuplot interface.
[0000554](#)	Bug Report	Missing install.php
[0000540](#)	Bug Report	split treats aos with and without .data.x vector differently
[0000535](#)	Bug Report	ao/convert doesn't retain units etc
[0000548](#)	Bug Report	iplotyy() mixes up left and right y-axis labels/yunits
[0000537](#)	Bug Report	iplotyy does not work
[0000549](#)	Bug Report	linewidths key for iplot not working
[0000558](#)	Bug Report	Erratic behaviour of split and consolidate
[0000541](#)	Bug Report	consolidate does not work as expected
[0000556](#)	Bug Report	Default value for marker size is too small
[0000545](#)	Change Request	ao(file,plist('type','tsdata','fs',fs,...) should automatically set xunits to s

Complete CVS Changes

2012-02-10 08:43 mauro

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

2012-02-09 22:21 mauro

    * classes/+utils/+const/@physics/physics.m: Rather than removing
    these, let's change them so that they give ao outputs.

2012-02-09 22:11 mauro

    * classes/@ao/ao.m: Added static, convenient constructor of an AO
    containing the value of some popular physical constants, like kB
    = ao.kB. The values, units, description and other info are
    inherited from the factory plist_model_physical_constants

2012-02-09 22:07 mauro

    * classes/@ao/fromParameter.m: Inherit the 'desc' field from the
    input, if present, and set it as the output object 'description'

2012-02-09 21:42 mauro

    * classes/@ao/fromParameter.m: In the case of paramValue, we lose
    the information about the parameter name. As a workaround, we
    support passing the name via the input plist

2012-02-09 21:41 mauro

    * m/built_in_models/plist/plist_model_physical_constants.m: Added

more convenient versions of common physical constants

2012-02-09 17:12 ingo

    * classes/@matrix/: clearObjHistories.m, matrix.m: Add a new
      protected method which clears the history of the inside objects.

2012-02-09 17:11 ingo

    * classes/@matrix/: lincom.m, lscov.m: Add a warning that this
      method may change in future releases because I'm not sure if the
      history and/or the output object is correct.

2012-02-09 17:10 ingo

    * classes/@matrix/fromInput.m: - make sure that we copy the inside
      objects to be sure that don't modify the originals. - clear the
      history of the inside objects.

2012-02-09 16:17 hewitson

    * classes/@ao/fromParameter.m: Bug fix: we can't use find() on the
      input plist because it collapses any paramValue we input. Use
      getParamValueForParam instead.

2012-02-09 16:14 ingo

    * classes/: @collection/generateConstructorPlist.m,
      @filterbank/generateConstructorPlist.m, @matrix/crb.m,
      @matrix/dispersion.m, @matrix/generateConstructorPlist.m,
      @matrix/spsdSubtraction.m, @mfir/generateConstructorPlist.m,
      @miir/generateConstructorPlist.m,
      @parfrac/generateConstructorPlist.m,
      @pest/generateConstructorPlist.m,
      @pzmodel/generateConstructorPlist.m,
      @rational/generateConstructorPlist.m,
      @smodel/generateConstructorPlist.m,
      @ssm/generateConstructorPlist.m,
      @timespan/generateConstructorPlist.m: Changed the class name of
      the minfo object to the correct class name.

2012-02-09 15:34 ingo

    * classes/+utils/@prog/prog.m: Changed the category from 'util' to
      'ltpda'

2012-02-09 15:33 mauro

    * m/built_in_models/plist/plist_model_physical_constants.m: Added
      Boltzmann's constant kB

2012-02-09 15:33 ingo

    * classes/@ao/noisegen2D.m: bug fix: typo of the command 'erro' ->
      'error'

2012-02-09 11:23 hewitson

    * classes/@ao/: ao.m, fromVals.m: Added support to 'from values'
      for giving AOs rather than numerical values. Added a plist key
      'axis' to specify which data to take for the y values of the new
      AO. For example:

      a1 = ao.randn(2,2); a2 = ao(plist('vals', a1)) % a2.y == a1.y a3
      = ao(plist('vals', a1, 'axis', 'x')) % a3.y == a1.x

This allows constructing AOs from existing AOs without having big
numerical vectors in the history.

2012-02-09 10:18 hewitson

* classes/@ltpda_uo/retrieve.m: We should make a transaction entry
  for both XML and binary retrieve, not just XML retrieve. Moved
  the code fragment below the if clause.

2012-02-08 21:02 mauro

* classes/@ao/: acos.m, asin.m, atan.m, cos.m, diff.m, intersect.m,
  linfit.m, lscov.m, polynomfit.m, sin.m, svd_fit.m, tan.m:
  Re-categorized

2012-02-08 17:31 ingo

* mkAllDoc.m: Not longer needed because we use createDocumentation
  instead.

2012-02-07 17:45 ingo

* classes/@matrix/lscov.m: Changed the category.

2012-02-07 17:44 ingo

* classes/@matrix/lincom.m: New lincom method for the matrix class.
  This method calls lincom of the AO class.

2012-02-07 17:20 ingo

* classes/@matrix/lscov.m: New lscov method for the matrix class.
  This method calls lscov of the AO class.

2012-02-07 13:22 hewitson

* classes/: @collection/collection.m, @matrix/matrix.m: Remove the
  copy constructor from these meta object classes so as to allow
  making matrices of matrices, and collections of collections.

2012-02-07 13:18 hewitson

* classes/@matrix/unpack.m: A convenience method to call
  getObjectAtIndex based on the output variables specified by the
  user.

2012-02-07 11:29 felipe

* classes/@matrix/filtfilt.m: [no log message]

2012-02-06 18:45 ingo

* html_help/help/createDocumentation/+docHelper/:
  getMetaFcnFromClAndFcn.m, getMetaMethList.m, getMetaPropList.m:
  Use a helper method to get the meta-properties and meta-method
  objects from a meta.class objects because MATLAB have changed the
  properties of a meta.class object.

2012-02-06 18:44 ingo

* html_help/help/createDocumentation/+createFuncByCat/mkMain.m: Use
  lower letters for the classes.

2012-02-06 18:44 ingo

* html_help/help/createDocumentation/+createFuncByCat/mkMainHtml.m:

Make sure that the 'html' folder exist. otherwise create it..

2012-02-06 18:43 ingo

    *

    html_help/help/createDocumentation/+createClassDesc/create_property_desc.m:
    Use a helper method to get the meta-properties objects from a
    meta.class objects because MATLAB have changed the properties of
    a meta.class object.

2012-02-06 17:40 luigi

    * classes/@matrix/: MultiChannelNoise.m, fromCSD.m, matrix.m:
    obsolate method fromCSD and MultiChannelNoise are removed they
    are substituted by mchNoisegenFilter and mchNoisegen, which are
    public methods of the matrix class

2012-02-06 17:31 luigi

    * classes/@matrix/linfitsvd.m: fixed some messages displayed at the
    command line

2012-02-06 16:50 mauro

    * classes/@ao/bicohere.m: Code harmonization Cosmetics

2012-02-05 18:24 hewitson

    * test/pipelines/test_fir_filtering.lwb: Updated to get the filter
    from the procinfo rather than directly from the output.

2012-02-05 16:56 hewitson

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

2012-02-05 16:39 hewitson

    * classes/@LTPDAworkbench/mpl2jpl.m: Make sure we always convert a
    matlab string to a java string. Otherwise single character matlab
    strings get converted to a java Character, not to a String.

    This fixes MANTIS bug 344.

2012-02-05 13:06 hewitson

    * classes/@LTPDAworkbench/rebuildLibrary.m: Generate another
    category called "Properties" and add blocks for all public
    properties of the user class.

2012-02-05 13:06 hewitson

    * classes/@LTPDAworkbench/parseBlocks.m: Possible solution to the
    missing public getters for class properties. Normally we use
    standard MATLAB accessors but on the workbench that doesn't work.
    So we need to handle this differently. If the name of block being
    executed is a property of the class of the block then we use a
    different syntax in the output commands. There is a restriction
    here that such blocks must have the same number of inputs and
    outputs so we can generate one command per input/output pair.
    This is because it's not possible to know how to group the
    outputs (cell-array, array, ?).

2012-02-04 15:40 hewitson

    * test/: test_ao_cohere.m, test_ao_cpsd.m, test_ao_tfe.m,
    test_filter_edges.m, test_fir_filter.m, test_ltpda_cohere.m,

test_ltpda_cpsd.m, test_ltpda_ltfe.m, test_ltpda_tfe.m,
test_ltpda_xcorr.m, test_miir_filter.m, test_miir_filtfilt.m,
test_miir_redesign.m: Updated to the new behaviour of filter and
filtfilt

2012-02-04 15:39 hewitson

    * classes/@ao/: filter.m, filtfilt.m: Updated the help text to
      describe the procinfo and remove the additional output.

2012-02-04 06:48 hewitson

    * classes/@ao/filter.m: Bug fix: typo in the output variable name.

2012-02-03 17:04 hewitson

    * classes/@ao/split.m: Try to capture the fact that if the input
      data is evenly sampled, then the output data will be evenly
      sampled when using 'times' or 'offsets' so we store the original
      fs and set it again to avoid rounding errors during all the
      growing and collapsing of x. Not a nice solution but the current
      implementation is stopping people from working.

      To Be Discussed.

2012-02-03 17:03 hewitson

    * classes/@ao/: filter.m, filtfilt.m: Use setoutputs which means
      drop the old behaviour of returning the filter object in the
      second output. Return it in the procinfo instead where it was
      already stored in one case. This makes these methods more uniform
      with the rest of the ao methods such that

      [out1, out2] = filter(in1, in2)

      can now work.

2012-02-03 15:34 nikos

    * classes/: @matrix/modelselect.m, @pest/mcmcPlot.m: fix typo & add
      more information n the procinfo of the output object

2012-02-02 16:25 hewitson

    *
      classes/tests/models/@ltpda_builtin_models_ssm_utp/test_descriptions.m:
      Added a test for all ssm models which checks that descriptions
      are present for all: 1) input and output blocks 2) input and
      output ports 3) parameters

2012-02-02 16:22 luigi

    * classes/@matrix/mchNoisegen.m: added a check to avoid multiple
      inputs fixed the history basic utp added

2012-02-02 15:43 luigi

    * classes/@matrix/mchNoisegenFilter.m: added a check to avoid
      multiple inputs basic utp created

2012-02-02 09:46 hewitson

    * classes/tests/ssm/@test_ssm_reorganize/test_getInfo.m: Don't look
      for the set 'none'.

2012-02-02 09:46 hewitson

* classes/@ssm/reorganize.m: The set 'none' should not be in the
set list. Passing 'none' means I don't want any sets.

2012-02-02 09:19 mauro

* classes/@ao/elementOp.m: Added rules: 1) for xydata objects, the
x axes should match 2) for tsdata objects, the nsecs and fs
should match (evenly sampled data) 3) for tsdata objects, the x
axes should match modulo the toffset (unevenly sampled data)
Cosmetics

2012-02-02 09:10 mauro

* classes/@ao/sort.m: Code harmonization

2012-02-02 00:24 mauro

* classes/@tsdata/setX.m: Bug fix: we have to skip this step in the
case of setting empty content via data2D.setX

2012-02-02 00:03 mauro

* classes/@tsdata/: fixNsecs.m, setX.m: Support cases (rare, I
hope) where we set x (and then nsecs, fs) to values like random
numbers

2012-02-01 23:45 mauro

* classes/@tsdata/tsdata.m: The call to tsdata.fixNsecs is now
implicit in tsdata.setX and tsdata.setFs

2012-02-01 23:44 mauro

* classes/+utils/@helper/eq2eps.m: Support differently sized object
input

2012-02-01 17:07 hewitson

* html_help/help/ug/ltpda_training_2_topic_4_1_content.html:
Starting on topic 4.

2012-02-01 16:59 hewitson

*
html_help/help/ug/images/ltpda_training_2/Topic4/loop_diagram.png:
simple loop diagram to show what we mean by guidance inputs.

2012-02-01 15:41 mauro

* classes/@ao/: find.m, interp.m: Since we call setXY that calls
setX, the setting of fs is no more needed

2012-02-01 15:37 mauro

* classes/@ao/: downsample.m, removeVal.m: Removed unnecessary call
to setFs, since it's done by setX

2012-02-01 15:36 mauro

* classes/@tsdata/setX.m: This method should also update the
sampling rate. The nsecs is updated inside setFs.

2012-02-01 15:22 hewitson

* html_help/help/ug/ltpda_training_2_topic_2_1_content.html:

Further content.

2012-02-01 15:14 mauro

* m/etc/: class_method_template.m, user_fcn_template.m: These are
  now superseeded by +utils/@modules/method_template.m

2012-02-01 15:03 hewitson

*
  html_help/help/ug/images/ltpda_training_2/Topic2/ssm_structure.png:
  image showing the ssm structure.

2012-02-01 15:02 hewitson

* html_help/help/ug/: gui_constructor_content.html,
  gui_explorer_content.html, gui_specwin_content.html,
  images/constructor_helper.png, images/constructor_helper_eg1.png,
  images/explorer.png: Updated images and text.

2012-02-01 15:02 hewitson

* html_help/help/ug/ltpda_training_2_topic_2_1_content.html: More
  text and an image added.

2012-02-01 15:02 hewitson

* html_help/help/ug/images/: LTPDAprefs.png,
  LTPDAprefs_ExtProg.png, specwin_viewer.png: Updated images

2012-02-01 15:01 hewitson

*
  html_help/help/ug/images/ltpda_training_1/topic5/ltpda_training_5_1_1.gif:
  Unneeded image.

2012-02-01 15:01 hewitson

* html_help/help/ug/: c++.png, down.png, fortran.png, hp.png,
  left.png, mex.png, right.png, sgi.png, simulinkicon.gif,
  solaris.png, images/LisaPFicon.gif, images/block_overview.png,
  images/class_structure.jpg, images/class_structure.png,
  images/cpsd_3.png, images/importpanel_1.png, images/l_cpsd_2.png,
  images/l_cpsd_3.png, images/login.png, images/ltpdagui_1.png,
  images/ltpdagui_2.png, images/model_1.png, images/model_2.png,
  images/outputpanel_1.png, images/parampanel_1.png,
  images/parampanel_2.png, images/parampanel_3.png,
  images/parampanel_4.png, images/parampanel_5a.png,
  images/parampanel_5b.png, images/parampanel_6.png,
  images/parampanel_7.png, images/parampanel_8.png,
  images/sample_variance.png, images/sigproc_5.png,
  images/sigproc_6.png, images/transfer_3.png,
  images/transfer_4.png, alpha.png, linux.png, up.png, windows.png,
  images/State_space_fichiers/ded369dccf40f97ec26f60ee84d39356.png,
  images/ltpda_training_1/topic2/ifotemp_conso.png,
  images/ltpda_training_1/topic2/re2.png,
  images/ltpda_training_1/topic3/IFO_PSD_2.png,
  images/ltpda_training_1/topic3/PSD_3_plot_plist.png,
  images/ltpda_training_1/topic3/TFE_result_2.png,
  images/ltpda_training_1/topic3/ifo_T_PSD_1_pipeline.png,
  images/ltpda_training_1/topic3/workbench_PSD2_save.png,
  images/ltpda_training_1/topic4/BandPassEx5.png,
  images/ltpda_training_1/topic4/ClosedLoopOLG_delay.png,
  images/ltpda_training_1/topic4/ClosedLoop_OLG_delay.png,
  images/ltpda_training_1/topic4/ClosedLoop_resp_delay.png,
  images/ltpda_training_1/topic5/ltpda_training_5_1_6.png,

images/ltpda_training_1/topic5/ltpda_training_5_4_2.png,
images/ltpda_training_1/topic5/ltpda_training_5_4_4.png,
images/ltpda_training_1/topic5/ltpda_training_5_5_2.png,
images/ltpda_training_1/topic5/ltpda_training_5_5_3.png: These
images are no longer needed.

2012-02-01 14:42 mauro

* classes/@ao/split.m: The setNsecs step is performed inside
collapseX

2012-02-01 14:34 mauro

* classes/@ao/zeropad.m: Bug fix: the case 'pre' needs update of
the toffset Code harmonization

2012-02-01 14:28 hewitson

* m/gui/pzmodel_designer/pzmodel_helper.m: Bug fix. This was using
a very old call to ltpda prefs.

2012-02-01 14:09 hewitson

* html_help/help/ug/: gui_gltpda_1_content.html,
gui_gltpda_2_content.html, gui_gltpda_4_content.html,
gui_gltpda_5_content.html, gui_gltpda_7_content.html,
gui_gltpda_content.html, param_create_content.html,
gui_gltpda_3_content.html, gui_gltpda_6_content.html,
pzmodel_pz_content.html: I believe these files are no longer
needed.

2012-02-01 13:05 hewitson

* html_help/help/ug/: ltpda_training_2_topic_1_1_content.html,
ltpda_training_2_topic_2_1_content.html: Starting to add some
text.

2012-02-01 13:02 hewitson

*
html_help/help/ug/images/ltpda_training_2/Topic1/method_help_eg1.png:
Image for topic 1 of training session 2.

2012-02-01 12:40 hewitson

* classes/@LTPDAModelBrowser/LTPDAModelBrowser.m: Updated to use
the utility for showing model information.

2012-02-01 12:39 hewitson

* m/built_in_models/ssm/ssm_model_SIMPLE_PENDULUM.m: A simple
pendulum example model.

2012-02-01 12:29 luigi

* classes/: @matrix/linfitsvd.m, @ssm/parameterDiff.m: linfit
updated parameterDiff now use subsParameters instead of
keepParameters

2012-02-01 12:22 hewitson

* classes/@ssm/subsParameters.m: Support the case of substituting
all parameters in the callerIsMethod case. This allows
subsParameters to be a direct replacement of keepParameters (now
deprecated) when being called inside methods.

2012-02-01 11:46 hewitson

    * classes/@ao/: fromTSfcn.m, fromVals.m, fromXYFcn.m, fromXYVals.m,
      fromFSfcn.m, fromFcn.m: Handle setting the user-supplied errors.

2012-02-01 11:46 hewitson

    * classes/@ao/ao.m: Add the 'dx' and 'dy' keys to the appropriate
      default plists.

2012-02-01 11:45 hewitson

    * classes/@data3D/setErrorsFromPlist.m: A useful method to set the
      x, y, and z errors from the given plist. The method looks for
      'dx', 'dy' and 'dz' keys and sets the values to the dx, dy and dz
      fields respectively of the data object. Some checks are
      performed, and single values are replicated to apply to each
      value of the corresponding data vector.

2012-02-01 11:44 hewitson

    * classes/@data2D/setErrorsFromPlist.m: A useful method to set the
      x and y errors from the given plist. The method looks for 'dx'
      and 'dy' keys and sets the values to the dx and dy fields
      respectively of the data object. Some checks are performed, and
      single values are replicated to apply to each value of x and y.

2012-02-01 11:43 hewitson

    * classes/@ltpda_data/setErrorsFromPlist.m: A useful method to set
      the y errors from the given plist. The method looks for a 'dy'
      key and sets the values to the dy field of the data object. Some
      checks are performed, and single values are replicated to apply
      to each value of y.

2012-02-01 10:44 mauro

    * classes/@ao/interp.m: Removed a comment I think does not apply

2012-02-01 10:44 mauro

    * classes/@ao/: find.m, select.m: Remove the call to fixNsecs

2012-02-01 10:40 mauro

    * classes/@ao/sumjoin.m: I am not sure what's the expected behavior
      now in the toffset era Use time.double rather than accessing
      utc_epoch_milli Code re-organization Remove the call to fixNsecs
      Help updated

2012-02-01 10:37 mauro

    * classes/@plist/applyDefaults.m: Add a parameter to decide what to
      do in the case the user input parameters not belonging to the
      default plist. This, in the future, might turn into a user
      preference ...

2012-02-01 10:27 mauro

    * classes/@tsdata/setX.m: Make sure we adjust the nsecs property
      after this action. This allows removing the step from
      'higher-level' methods

2012-02-01 10:26 mauro

    * classes/@ao/setXY.m: I think it should be possible to set empty

values. Arguable, I know. Help made more precise.

2012-02-01 10:24 mauro

   * classes/@tsdata/: tsdata.m, setFs.m: Replace this piece of code
     with a call to a function that makes exactly the same thing.

2012-02-01 10:23 mauro

   * classes/@tsdata/collapseX.m: Adjust the number of seconds in all
     cases. This has some utility because it might be we don't always
     use setX.

2012-02-01 10:22 mauro

   * classes/@tsdata/fixNsecs.m: Cosmetics. Added comments.

2012-02-01 10:07 hewitson

   * makeToolbox.m: Add some more granularity for skipping/switching
     on/off different parts of the document building.

2012-02-01 10:06 hewitson

   * html_help/help/createDocumentation/createDocumentation.m: Add
     some options to skip the heavy parts.

2012-02-01 10:00 hewitson

   * html_help/help/funcbycat/html/: ao_SETS.html, ao_atan2.html,
     ao_eqmotion.html, ao_fixfs.html, ao_fromProcinfo.html,
     ao_plot.html, ao_round.html, ao_update.html, ao_whiten1D.html,
     ao_x.html, collection_SETS.html,
     filterbank_generateConstructorPlist.html, filterbank_submit.html,
     filterbank_update.html, matrix_get.html,
     mfir_getBuiltInModels.html, mfir_string.html, mfir_submit.html,
     miir_getBuiltInModels.html, miir_getDefaultPlist.html,
     miir_ne.html, miir_setA.html, miir_setHistin.html,
     miir_setIunits.html, parfrac_buildplist.html,
     parfrac_getDefaultPlist.html, parfrac_setOunits.html,
     pest_SETS.html, pest_VEROUT.html, pest_display.html,
     pest_setDy.html, pest_setProcinfo.html, plist_FROM_MAT_FILE.html,
     plist_bsubmit.html, plist_getInfo.html,
     plist_getOptionsForParam.html, plist_getParamValueForParam.html,
     plist_main_funcByCat.html, plist_pset.html, pzmodel_SETS.html,
     pzmodel_load.html, pzmodel_resp.html, pzmodel_setIunits.html,
     pzmodel_setName.html, smodel_conj.html, smodel_eval.html,
     smodel_main_funcByCat.html, smodel_mtimes.html,
     ssm_buildplist.html, ssm_cpsdForCorrelatedInputs.html,
     ssm_getInfo.html, timespan_getBuiltInModels.html,
     timespan_getDefaultPlist.html, timespan_update.html,
     ao_conv.html, ao_generateConstructorPlist.html, ao_get.html,
     ao_interp.html, ao_isprop.html, ao_mcmc_td.html,
     ao_noisegen2D.html, ao_setName.html, ao_setY.html, ao_var.html,
     collection_requirements.html, filterbank_viewHistory.html,
     matrix_filter.html, matrix_report.html, matrix_setPlotinfo.html,
     mfir_getDefaultPlist.html, miir_getInfo.html, parfrac_SETS.html,
     parfrac_ne.html, parfrac_report.html, parfrac_save.html,
     parfrac_submit.html, pest_computePdf.html, pest_eq.html,
     plist_WELCH_PLIST.html, plist_load.html,
     plist_setDefaultForParam.html, pzmodel_getlowerFreq.html,
     pzmodel_rebuild.html, pzmodel_report.html, pzmodel_setZeros.html,
     pzmodel_simplifyUnits.html, rational_csvexport.html,
     rational_simplifyUnits.html, smodel_eq.html, smodel_fourier.html,
     smodel_inv.html, smodel_load.html, smodel_report.html,
     smodel_retrieve.html, ssm_initObjectWithSize.html,

timespan_csvexport.html, timespan_initObjectWithSize.html,
ao_ctranspose.html, ao_ge.html, ao_heterodyne.html,
ao_kstest.html, ao_mean.html, ao_spcorr.html, ao_svd.html,
collection_collection.html, collection_initObjectWithSize.html,
collection_setDescription.html, collection_update.html,
filterbank_VEROUT.html, matrix_bsubmit.html, mfir_bsubmit.html,
mfir_setProcinfo.html, parfrac_creator.html,
parfrac_requirements.html, pest_buildplist.html,
pest_setDescription.html, pest_setYunits.html,
plist_TO_REPOSITORY_PLIST.html, plist_buildplist.html,
plist_setOptionsForParam.html, pzmodel_char.html,
pzmodel_getBuiltInModels.html, rational_getDefaultPlist.html,
smodel_VEROUT.html, ssm_setPlotinfo.html, timespan_eq.html,
timespan_get.html, timespan_getInfo.html, timespan_setEndT.html,
ao_diff.html, ao_dsmean.html, ao_dz.html, ao_fngen.html,
ao_mtimes.html, ao_nsecs.html, ao_save.html, ao_sin.html,
collection_VEROUT.html, collection_char.html,
collection_main_funcByCat.html, collection_setName.html,
filterbank_load.html, matrix_isprop.html,
matrix_mchNoisegen.html, mfir_retrieve.html, mfir_setOunits.html,
pest_csvexport.html, pest_isprop.html, plist_combine.html,
plist_plist.html, plist_retrieve.html,
plist_setDescriptionForParam.html, pzmodel_save.html,
pzmodel_viewHistory.html, smodel_setName.html,
smodel_setPlotinfo.html, smodel_setYunits.html, ssm_eq.html,
ssm_generateConstructorPlist.html, ssm_settlingTime.html,
ssm_ssm2rational.html, timespan_display.html,
timespan_isprop.html, ao_eq.html, ao_fftfilt.html,
ao_firwhiten.html, ao_lincom.html, ao_or.html, ao_setX.html,
ao_std.html, collection_buildplist.html,
collection_generateConstructorPlist.html, collection_ne.html,
filterbank_setOunits.html, mfir_get.html, mfir_setHistout.html,
miir_setName.html, parfrac_index.html, parfrac_retrieve.html,
parfrac_setIunits.html, pest_find.html,
pest_getDefaultPlist.html, pest_index.html, pest_setChain.html,
plist_SETS.html, plist_initObjectWithSize.html,
pzmodel_csvexport.html, pzmodel_generateConstructorPlist.html,
pzmodel_get.html, pzmodel_rdivide.html, pzmodel_setPlotinfo.html,
pzmodel_string.html, rational_setMdlfile.html, ssm_CPSD.html,
ssm_PSD.html, ssm_getParameters.html, ssm_parameterDiff.html,
ssm_retrieve.html, ssm_save.html, ssm_submit.html,
timespan_created.html, timespan_setMdlfile.html, ao_char.html,
ao_intersect.html, ao_mcmc.html, ao_plus.html, ao_submit.html,
ao_timeaverage.html, ao_uminus.html, collection_setProcinfo.html,
collection_string.html, filterbank_bsubmit.html,
filterbank_char.html, filterbank_save.html,
filterbank_setName.html, matrix_SETS.html, matrix_char.html,
miir_setPlotinfo.html, miir_submit.html, pest_setPdf.html,
pest_tdChi2.html, plist_getSelectionForParam.html,
plist_isprop.html, plist_ne.html,
pzmodel_initObjectWithSize.html, pzmodel_setMdlfile.html,
rational_setDescription.html, rational_setPlotinfo.html,
smodel_addAliases.html, smodel_laplace.html,
ssm_cpsdForIndependentInputs.html, ssm_created.html,
ssm_modifyTimeStep.html, ao_getInfo.html, ao_inv.html,
ao_log10.html, ao_report.html, ao_setXY.html, ao_svd_fit.html,
ao_tan.html, collection_csvexport.html,
filterbank_getBuiltInModels.html, filterbank_main_funcByCat.html,
filterbank_setIunits.html, filterbank_setMdlfile.html,
matrix_nrows.html, mfir_resp.html, miir_SETS.html,
miir_VEROUT.html, miir_requirements.html, miir_setB.html,
pest_getBuiltInModels.html, pest_retrieve.html,
plist_AXIS_2D_PLIST.html, plist_FROM_REPOSITORY_PLIST.html,
plist_MULTILINEAR_FIT_PLIST.html, plist_merge.html,
plist_setName.html, pzmodel_simplify.html, rational_display.html,
rational_requirements.html, rational_retrieve.html,

smodel_get.html, smodel_linearize.html, smodel_type.html,
ssm_append.html, ssm_setMdlfile.html, timespan_viewHistory.html,
ao_bicohere.html, ao_dx.html, ao_lisovfit.html, ao_resample.html,
ao_table.html, ao_timeshift.html, ao_whiten2D.html, ao_xfit.html,
collection_get.html, collection_retrieve.html,
matrix_generateConstructorPlist.html, matrix_load.html,
matrix_tdfit.html, miir_eq.html,
miir_generateConstructorPlist.html, parfrac_eq.html,
parfrac_getlowerFreq.html, pest_rebuild.html,
pest_viewHistory.html, plist_AXIS_1D_PLIST.html,
pzmodel_requirements.html, rational_isprop.html,
rational_resp.html, rational_update.html, smodel_bsubmit.html,
smodel_setXvals.html, smodel_ztrans.html, ssm_bode.html,
ssm_creator.html, ssm_setProcinfo.html, timespan_buildplist.html,
timespan_submit.html, ao_bin_data.html, ao_fft.html,
ao_initObjectWithSize.html, ao_log.html, ao_main_funcByCat.html,
ao_randn.html, ao_scatterData.html, ao_setDescription.html,
collection_addObjects.html, matrix_getObjectAtIndex.html,
matrix_inv.html, matrix_modelselect.html, mfir_save.html,
mfir_setIunits.html, miir_bsubmit.html, miir_display.html,
miir_isprop.html, miir_miir.html, parfrac_setName.html,
pest_setCov.html, plist_ltp_parameters.html, plist_remove.html,
plist_subset.html, pzmodel_created.html, pzmodel_tomfir.html,
rational_ne.html, smodel_assignalias.html,
smodel_setMdlfile.html, ssm_subsParameters.html, ao_acos.html,
ao_angle.html, ao_ao.html, ao_cdfplot.html, ao_complex.html,
ao_conj.html, ao_detrend.html, ao_integrate.html,
ao_linedetect.html, ao_offset.html, ao_scale.html,
collection_type.html, filterbank_ne.html, matrix_iplot.html,
matrix_main_funcByCat.html, matrix_setName.html,
mfir_setPlotinfo.html, mfir_update.html, miir_setOunits.html,
parfrac_getupperFreq.html, pest_combineExps.html,
pest_submit.html, plist_AXIS_3D_PLIST.html,
plist_getDefaultPlist.html, plist_plist2cmds.html,
pzmodel_setPoles.html, pzmodel_update.html,
rational_getupperFreq.html, ssm_displayProperties.html,
ssm_rebuild.html, ssm_setPortProperties.html, timespan_ne.html,
ao_creator.html, ao_demux.html, ao_tdfit.html, ao_tfe.html,
ao_xcorr.html, collection_rebuild.html,
collection_setObjectAtIndex.html, filterbank_index.html,
matrix_index.html, mfir_main_funcByCat.html, mfir_redesign.html,
mfir_requirements.html, miir_created.html, miir_index.html,
parfrac_csvexport.html, parfrac_initObjectWithSize.html,
parfrac_resp.html, pest_char.html,
pest_generateConstructorPlist.html, pest_main_funcByCat.html,
pest_setPlotinfo.html, plist_find.html, rational_buildplist.html,
smodel_rebuild.html, smodel_setAliasValues.html,
smodel_simplify.html, ssm_addParameters.html,
ssm_setPortNames.html, ssm_ssm.html, timespan_retrieve.html,
ao_cat.html, ao_consolidate.html, ao_delay.html,
ao_dopplercorr.html, ao_lpsd.html, ao_yunits.html,
collection_creator.html, collection_nobjs.html,
filterbank_eq.html, mainFuncByCat.html, matrix_csvexport.html,
mfir_ne.html, miir_get.html, miir_redesign.html,
miir_simplifyUnits.html, miir_string.html, miir_viewHistory.html,
parfrac_setProcinfo.html, parfrac_simplifyUnits.html,
pzmodel_retrieve.html, pzmodel_setProcinfo.html,
rational_creator.html, smodel_getBuiltInModels.html,
smodel_viewHistory.html, ssm_findParameters.html, ssm_get.html,
timespan_setDescription.html, timespan_setName.html,
ao_asin.html, ao_cohere.html, ao_filter.html, ao_index.html,
ao_normdist.html, ao_times.html, filterbank_display.html,
filterbank_type.html, matrix_plus.html, matrix_save.html,
matrix_simplify.html, matrix_spsdSubtraction.html,
mfir_index.html, mfir_isprop.html, mfir_viewHistory.html,
pest_setYforParameter.html, plist_FROM_BUILT_IN.html,

plist_char.html, plist_parse.html, plist_simplify.html,
plist_string.html, pzmodel_fngen.html, pzmodel_isprop.html,
rational_save.html, rational_viewHistory.html, smodel_det.html,
smodel_display.html, smodel_generateConstructorPlist.html,
smodel_setXvar.html, ssm_index.html, ao_gnuplot.html,
ao_interpmissing.html, ao_power.html, ao_smoother.html,
ao_sum.html, collection_getObjectsOfClass.html,
collection_load.html, filterbank_SETS.html,
filterbank_rebuild.html, matrix_fixfs.html,
matrix_mchNoisegenFilter.html, matrix_setMdlfile.html,
matrix_split.html, mfir_rebuild.html, miir_csvexport.html,
parfrac_getBuiltInModels.html, parfrac_viewHistory.html,
pest_report.html, plist_append.html, plist_get.html,
plist_setSelectionForParam.html, pzmodel_tomiir.html,
rational_SETS.html, smodel_initObjectWithSize.html, ssm_ne.html,
ssm_setBlockDescriptions.html, ssm_setBlockProperties.html,
ssm_steadyState.html, timespan_double.html, ao_corr.html,
ao_dropduplicates.html, ao_filtSubtract.html, ao_getdof.html,
ao_linSubtract.html, ao_spectrogram.html, ao_transpose.html,
collection_setObjs.html, collection_setPlotinfo.html,
filterbank_buildplist.html, filterbank_get.html,
matrix_conj.html, matrix_fft.html,
matrix_initObjectWithSize.html, matrix_retrieve.html,
miir_report.html, pest_getInfo.html, plist_SAVE_OBJ_PLIST.html,
pzmodel_setDescription.html, pzmodel_times.html,
rational_VEROUT.html, rational_char.html, smodel_getInfo.html,
smodel_rdivide.html, smodel_setTrans.html, smodel_submit.html,
smodel_subs.html, ssm_setName.html, ssm_ssm2ss.html,
timespan_rebuild.html, timespan_timespan.html, ao_created.html,
ao_max.html, ao_removeVal.html, ao_requirements.html,
ao_retrieve.html, ao_validate.html,
collection_getBuiltInModels.html, filterbank_report.html,
matrix_linearize.html, matrix_psd.html, matrix_type.html,
mfir_getInfo.html, mfir_load.html, miir_type.html,
pest_setCorr.html, pest_setY.html, plist_TSDATA_PLIST.html,
plist_VEROUT.html, plist_save.html, plist_setMdlfile.html,
pzmodel_VEROUT.html, rational_bsubmit.html, rational_get.html,
smodel_plus.html, smodel_setXunits.html, ssm_bodecst.html,
ssm_dotview.html, ssm_keepParameters.html, timespan_save.html,
ao_average.html, ao_bilinfit.html, ao_cov.html,
ao_downsample.html, ao_dy.html, ao_find.html, ao_hypot.html,
ao_linfit.html, ao_setMdlfile.html, ao_string.html,
ao_xunits.html, filterbank_getInfo.html, matrix_creator.html,
matrix_matrix.html, matrix_rdivide.html, miir_setMdlfile.html,
pest_creator.html, pest_setDof.html, plist_DOTVIEW_PLIST.html,
plist_getKeys.html, rational_main_funcByCat.html,
rational_report.html, rational_setName.html, smodel_char.html,
smodel_creator.html, smodel_op.html, ssm_setParameters.html,
ssm_setParams.html, ssm_viewHistory.html,
timespan_setStartT.html, timespan_type.html, ao_convert.html,
ao_ifft.html, ao_ltfe.html, ao_sDomainFit.html,
collection_getDefaultPlist.html, collection_report.html,
filterbank_retrieve.html, matrix_display.html, mfir_creator.html,
mfir_eq.html, mfir_initObjectWithSize.html, mfir_type.html,
parfrac_VEROUT.html, parfrac_created.html, parfrac_rebuild.html,
parfrac_type.html, pest_initObjectWithSize.html,
pest_setNames.html, pest_update.html, rational_getInfo.html,
rational_rational.html, rational_rebuild.html,
smodel_getDefaultPlist.html, smodel_mrdivide.html,
smodel_requirements.html, smodel_setValues.html,
smodel_smodel.html, ssm_kalman.html, ssm_main_funcByCat.html,
timespan_VEROUT.html, ao_det.html, ao_fs.html,
ao_getDefaultPlist.html, ao_lcohere.html, ao_phase.html,
ao_psd.html, ao_quasiSweptSine.html, ao_setDy.html,
ao_setYunits.html, filterbank_created.html,
filterbank_initObjectWithSize.html, matrix_string.html,

matrix_times.html, matrix_transpose.html, miir_buildplist.html,
miir_rebuild.html, plist_eq.html, plist_isparam.html,
plist_submit.html, rational_setIunits.html, smodel_ifourier.html,
ssm_csvexport.html, ssm_duplicateInput.html, ssm_getParams.html,
ssm_isprop.html, ssm_sMinReal.html, ssm_simulate.html,
timespan_main_funcByCat.html, ao_VEROUT.html, ao_and.html,
ao_buildplist.html, ao_dft.html, ao_eig.html, ao_le.html,
ao_median.html, ao_setFs.html, ao_setToffset.html,
ao_sinewave.html, ao_spikecleaning.html,
filterbank_setPlotinfo.html, matrix_mcmc.html, matrix_minus.html,
matrix_setProcinfo.html, mfir_buildplist.html, mfir_setGd.html,
miir_impresp.html, miir_setDescription.html,
parfrac_parfrac.html, pest_get.html, pest_string.html,
pzmodel_pzmodel.html, pzmodel_setDelay.html,
smodel_csvexport.html, smodel_save.html, smodel_times.html,
ssm_bsubmit.html, ssm_removeEmptyBlocks.html, ssm_type.html,
timespan_load.html, timespan_string.html, ao_confint.html,
ao_cos.html, ao_display.html, ao_getBuiltInModels.html,
ao_imag.html, ao_simplifyYunits.html, ao_split.html,
ao_type.html, ao_viewHistory.html, collection_eq.html,
collection_index.html, collection_removeObjectAtIndex.html,
filterbank_csvexport.html, matrix_getDefaultPlist.html,
miir_load.html, miir_retrieve.html, parfrac_update.html,
pest_load.html, plist_DATABASE_CONNECTION_PLIST.html,
plist_LINEAR_FIT_PLIST.html, pzmodel_creator.html,
pzmodel_getInfo.html, smodel_double.html,
smodel_setParameters.html, ssm_getPortNamesForBlocks.html,
ssm_setBlockNames.html, ssm_setPortDescriptions.html,
timespan_generateConstructorPlist.html, ao_crbound.html,
ao_diag.html, ao_mode.html, ao_noisegen1D.html, ao_polyfit.html,
ao_search.html, ao_setDx.html, ao_sign.html,
collection_identifyInsideObjs.html, collection_save.html,
matrix_buildplist.html, matrix_eq.html, mfir_display.html,
miir_char.html, miir_initObjectWithSize.html,
parfrac_bsubmit.html, parfrac_display.html,
parfrac_generateConstructorPlist.html,
plist_getBuiltInModels.html, plist_shouldIgnore.html,
pzmodel_buildplist.html, pzmodel_display.html,
pzmodel_mtimes.html, rational_getlowerFreq.html,
rational_string.html, smodel_addParameters.html, ssm_SETS.html,
ssm_assemble.html, ssm_getDefaultPlist.html,
timespan_report.html, timespan_setProcinfo.html, ao_double.html,
ao_lt.html, ao_min.html, ao_psdconf.html, ao_rdivide.html,
ao_setReferenceTime.html, ao_sumjoin.html, ao_zeropad.html,
collection_getObjectAtIndex.html, filterbank_filterbank.html,
filterbank_getDefaultPlist.html, matrix_det.html,
matrix_rotate.html, mfir_report.html, mfir_setMdlfile.html,
miir_resp.html, parfrac_setDescription.html, parfrac_string.html,
pest_eval.html, pest_setDyForParameter.html,
pest_setYunitsForParameter.html, plist_MCH_FIT_PLIST.html,
pzmodel_eq.html, pzmodel_getDefaultPlist.html,
pzmodel_index.html, rational_submit.html, smodel_setParams.html,
timespan_bsubmit.html, timespan_char.html, timespan_creator.html,
ao_atan.html, ao_join.html, ao_lscov.html, ao_md5.html,
ao_real.html, ao_sineParams.html, ao_t0.html, ao_z.html,
filterbank_setDescription.html, matrix_crb.html,
matrix_getBuiltInModels.html, matrix_linlsqsvd.html,
matrix_resample.html, parfrac_getInfo.html, parfrac_load.html,
parfrac_setMdlfile.html, plist_LPSD_PLIST.html,
plist_getIndexForKey.html, pzmodel_bsubmit.html,
rational_created.html, rational_getBuiltInModels.html,
rational_initObjectWithSize.html, rational_setOunits.html,
smodel_diff.html, smodel_hessian.html, smodel_minus.html,
ssm_isStable.html, ssm_update.html, ssm_viewDetails.html,
timespan_index.html, ao_y.html, ao_zDomainFit.html,
collection_getInfo.html, collection_setMdlfile.html,

filterbank_creator.html, matrix_mtimes.html, mfir_impresp.html, miir_creator.html, parfrac_setPlotinfo.html, plist_mfind.html, pzmodel_getupperFreq.html, smodel_convol_integral.html, smodel_created.html, smodel_setDescription.html, ssm_VEROUT.html, ssm_ssm2miir.html, ssm_ssm2pzmodel.html, ssm_string.html, timespan_SETS.html, timespan_setPlotinfo.html, ao_compute.html, ao_cpsd.html, ao_csvexport.html, ao_ecdf.html, ao_exp.html, ao_gapfilling.html, ao_iplot.html, ao_map3D.html, ao_setXunits.html, ao_spsd.html, ao_spsdSubtraction.html, filterbank_addFilters.html, filterbank_setProcinfo.html, filterbank_string.html, matrix_requirements.html, matrix_setDescription.html, matrix_update.html, matrix_viewHistory.html, mfir_VEROUT.html, mfir_char.html, mfir_generateConstructorPlist.html, miir_setHistout.html, miir_setProcinfo.html, pest_bsubmit.html, pest_save.html, pzmodel_setOunits.html, rational_eq.html, rational_index.html, rational_type.html, smodel_setAliasNames.html, ssm_getBuiltInModels.html, ssm_requirements.html, ssm_simplify.html, ao_filtfilt.html, ao_lcpsd.html, ao_load.html, ao_norm.html, ao_polynomfit.html, ao_rebuild.html, ao_rms.html, ao_select.html, ao_setPlotinfo.html, ao_sort.html, filterbank_requirements.html, matrix_VEROUT.html, matrix_fftfilt.html, matrix_submit.html, mfir_simplifyUnits.html, miir_save.html, miir_update.html, parfrac_isprop.html, pest_mcmcPlot.html, pest_pest.html, pest_setChi2.html, pest_setMdlfile.html, plist_getDefaultAxisPlist.html, pzmodel_mrdivide.html, pzmodel_ne.html, rational_load.html, smodel_index.html, smodel_isprop.html, ssm_double.html, ssm_resp.html, ssm_respcst.html, ao_delayEstimate.html, ao_evaluateModel.html, ao_gt.html, ao_linlsqsvd.html, ao_ln.html, ao_rotate.html, ao_setProcinfo.html, ao_sqrt.html, ao_upsample.html, ao_zunits.html, collection_bsubmit.html, collection_created.html, collection_submit.html, mfir_SETS.html, mfir_setDescription.html, pest_created.html, pest_setModels.html, pest_setName.html, plist_FROM_PLIST.html, plist_getSetRandState.html, plist_setDescription.html, pzmodel_type.html, smodel_fitfunc.html, smodel_ilaplace.html, smodel_ne.html, smodel_setProcinfo.html, smodel_simplifyUnits.html, timespan_requirements.html, ao_gapfillingoptim.html, ao_hist.html, ao_mpower.html, collection_display.html, collection_isprop.html, filterbank_resp.html, matrix_ctranspose.html, matrix_getInfo.html, matrix_linfitsvd.html, matrix_ncols.html, matrix_rebuild.html, mfir_mfir.html, miir_main_funcByCat.html, pest_ne.html, plist_nparams.html, plist_update.html, pzmodel_main_funcByCat.html, pzmodel_setGain.html, rational_generateConstructorPlist.html, rational_setProcinfo.html, smodel_SETS.html, smodel_buildplist.html, smodel_clearAliases.html, smodel_iztrans.html, smodel_update.html, ssm_char.html, ssm_optimiseForFitting.html, ssm_report.html, ssm_setPortUnits.html, ssm_ssm2dot.html, ao_abs.html, ao_buildWhitener1D.html, ao_export.html, ao_minus.html, ao_qqplot.html, ao_setZ.html, ao_setZunits.html, ao_toffset.html, ao_unwrap.html, collection_viewHistory.html, matrix_ne.html, matrix_osize.html, matrix_setObjs.html, mfir_setA.html, mfir_setName.html, parfrac_char.html, pest_requirements.html, plist_EMPTY_PLIST.html, plist_FROM_XML_FILE.html, plist_display.html, plist_getDescriptionForParam.html, pzmodel_submit.html, smodel_setAliases.html, smodel_string.html, smodel_sum.html, ssm_display.html, ssm_load.html, ssm_reorganize.html, ssm_setDescription.html, ao_bsubmit.html, ao_len.html, ao_mrdivide.html, ao_ne.html, ao_setT0.html, filterbank_isprop.html, matrix_created.html, matrix_dispersion.html, mfir_created.html, mfir_csvexport.html, parfrac_get.html, parfrac_main_funcByCat.html, pest_type.html,

plist_removeKeys.html: These don't need to be in the cvs but can be generated locally in makeToolbox.

2012-01-31 22:43 mauro

* html_help/help/ug/: constructor_examples_ao_content.html, constructor_examples_mfir_content.html, constructor_examples_miir_content.html, constructor_examples_parfrac_content.html, constructor_examples_rational_content.html: Updated constructor examples

2012-01-31 22:31 mauro

* classes/: @miir/miir.m, @parfrac/parfrac.m: Help updated

2012-01-31 22:12 mauro

* classes/@matrix/tdfit.m: Cosmetics

2012-01-31 22:11 mauro

* classes/: @ao/ao.m, @plist/plist.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true UTP updated accordingly

2012-01-31 21:41 mauro

* classes/@matrix/tdfit.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true

2012-01-31 21:34 mauro

* classes/@ao/xfit.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true

2012-01-31 21:23 mauro

* classes/@ao/filter.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true UTPs updated accordingly

2012-01-31 21:16 mauro

* classes/@ao/join.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true UTPs updated accordingly

2012-01-31 21:15 mauro

* classes/@ao/gapfilling.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true

2012-01-31 21:07 mauro

* classes/@ao/heterodyne.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true UTP updated accordingly

2012-01-31 21:05 mauro

* classes/@ao/: tdfit.m, bin_data.m: Change YES/NO to TRUE/FALSE. Back-compatibility is provided by using utils.prog.yes2true

2012-01-31 20:49 mauro

* classes/+utils/@modules/method_template.m: Change the default to
  the (more typically used) TRUE_FALSE paramValue

2012-01-31 20:48 mauro

    * classes/@param/setDefaultOption.m: Added support for situations
      where the parameter is a true/false but the user likes to input
      'yes'/'no'

2012-01-31 12:24 hewitson

    * classes/@ssm/subsParameters.m: 1) Move callerIsMethod below the
      info call check 2) Use applyDefaults. We don't support this
      'naked' plist input any more. 3) Support a new 'all' value for
      the 'names' key. 4) Use setoutputs 5) Set default value to 'all'
      and more description.

2012-01-31 12:22 hewitson

    * classes/@ssm/simulate.m: Use applyDefaults.

2012-01-31 12:18 hewitson

    * classes/@ssm/keepParameters.m: Add a deprecation warning to this.
      This is replaced by subsParameters.

2012-01-31 12:18 hewitson

    * classes/tests/ssm/@test_ssm_subsParameters/: test_getInfo.m,
      test_preserves_plotinfo.m, test_ssm_subsParameters.m,
      test_substitute.m: Tests for subsParameters.

2012-01-31 11:53 hewitson

    * classes/@ssm/simulate.m: Removed an unnecessary (I think)
      try-catch statement.

2012-01-31 11:51 hewitson

    * classes/tests/ssm/@test_ssm_simulate/: test_ao_input.m,
      test_covariance_input.m, test_cpsd_input.m: Some further tests
      for simulate with different inputs.

2012-01-31 11:15 hewitson

    * classes/@ao/wosa.m: 1) Change the calculation of the number of
      overlapping samples to improve accuracy 2) Merge the 'tfe' case
      with the 'cohere' and 'mscohere' cases. 3) Improve some
      comments.

2012-01-31 08:42 hewitson

    * classes/@ssm/simulate.m: Some cosmetics. Move the 'lastX' state
      to the procinfo. Use setouputs to standardise the output.

2012-01-31 08:31 hewitson

    * classes/@ssm/: bode.m, bodecst.m, cpsd.m,
      cpsdForCorrelatedInputs.m, psd.m: Make sure we pass the correct
      subset of plist keys to the reorganize() method.

2012-01-31 08:30 hewitson

    * classes/@ssm/addParameters.m: Revert back to using
      collect_objects rather than applyDefaults because this method by
      design has unknown parameters in the plist. The method needs some

rethinking at some point.

2012-01-30 16:41 hewitson

* classes/@ssm/simulate.m: 1) remove the deprecated tini plist key
support 2) make sure we pass the correct plist subset to
reorganize 3) changed two default plist key values to empty
doubles

2012-01-30 16:39 hewitson

* classes/@ssm/ssm.m: Removed the declaration of the old
modelHelper script.

2012-01-30 16:39 hewitson

* classes/@history/copy.m: Bug fix: the objectClass field was not
being copied.

2012-01-30 16:39 hewitson

* classes/tests/ssm/@test_ssm_bode/test_bode_all_inputs_outputs.m:
.x returns a column, linspace doesn't, so reshape.

2012-01-30 16:38 hewitson

* classes/tests/ssm/@test_ssm_addParameters/test_add_plist.m: Bug
fix: the plist constructor in the wrong place.

2012-01-30 16:38 hewitson

* classes/tests/@ltpda_uoh_method_tests/: test_displayMethodInfo.m,
test_history.m, test_rebuild.m: Further tests for ltpda_uoh
methods.

2012-01-30 16:37 hewitson

*
classes/tests/ssm/@test_ssm_addParameters/test_ssm_addParameters.m:
Add a test plist.

2012-01-30 16:37 hewitson

* classes/tests/ssm/@test_ssm_simulate/: test_getInfo.m,
test_preserves_plotinfo.m, test_ssm_simulate: First unit tests
for simulate.

2012-01-30 15:56 hewitson

* classes/@time/time.m: Some code hardening. Handle time([]) as
time().

2012-01-30 15:52 hewitson

* classes/@ssm/modelHelper_introScript.m: This is no longer used.

2012-01-30 15:42 hewitson

* classes/@ssm/: setPortDescriptions.m, setPortNames.m,
setPortUnits.m: These have been deprecated since Aug 2010. Time
to remove it.

2012-01-30 15:40 hewitson

* classes/@ssm/: setBlockNames.m, setBlockProperties.m: This has
been deprecated since Aug 2010. Time to remove it.

2012-01-30 15:38 hewitson

> * classes/@ssm/noiseSpectrum.m: This has been deprecated since
>   April 2010. Time to remove it.

2012-01-30 15:36 hewitson

> * classes/@ssm/: getMatrixSelection.m, setBlockDescriptions.m: This
>   has been deprecated since Aug 2010. Time to remove it.

2012-01-30 15:34 hewitson

> * classes/@ssm/reorganize.m: Modernisation: 1) Use callerIsMethod
>   instead of 'internal' 2) Use applyDefaults 3) Use setoutputs 4)
>   Bug fix in minfo constructor

2012-01-30 15:33 hewitson

> * classes/tests/ssm/@test_ssm_reorganize/: test_getInfo.m,
>   test_preserves_plotinfo.m, test_ssm_reorganize.m: Tests for
>   ssm/reorganize.

2012-01-30 15:07 hewitson

> * classes/@ssm/cpsdForCorrelatedInputs.m: Modernisation:
>
>   1) Use callerIsMethod instead of the old 'internal' call 2) Use
>   setoutputs 3) Use applyDefaults. 4) Accept plist key 'f' rather
>   than f1, f2, nf.

2012-01-30 15:06 hewitson

> * classes/tests/ssm/@test_ssm_cpsdForCorrelatedInputs/:
>   test_ao_input.m, test_covariance_input.m, test_cpsd_input.m,
>   test_getInfo.m, test_preserves_plotinfo.m,
>   test_pzmodel_ao_input.m, test_ssm_cpsdForCorrelatedInputs.m: Unit
>   tests for cpsdForCorrelatedInputs. Some of these don't pass yet
>   due to a usage error or a bug, I can't tell which.

2012-01-30 14:49 hewitson

> * classes/@ssm/bodecst.m: Modernisation:
>
>   1) Output is now a matrix to be inline with other ssm methods 2)
>   Use callerIsMethod instead of the old 'internal' call 3) Use
>   setoutputs 4) Use applyDefaults.

2012-01-30 14:48 hewitson

> * classes/tests/ssm/@test_ssm_bodecst/:
>   test_bode_all_inputs_outputs.m, test_getInfo.m,
>   test_preserves_plotinfo.m, test_ssm_bodecst.m: Unit tests for
>   ssm/bodecst

2012-01-30 14:39 hewitson

> * classes/@ssm/bode.m: Some modernising. Remove the old UI method
>
>   bode(sys, 'key1', val1, 'key2', val2)
>
>   We don't support this 'exposed' plist anywhere else, so we
>   shouldn't here either.

2012-01-30 14:38 hewitson

* classes/@ssm/ssm.m: change PSD and CPSD method names to lower
  case.

2012-01-30 14:36 hewitson

    * classes/tests/ssm/@test_ssm_bode/:
      test_bode_all_inputs_outputs.m, test_getInfo.m,
      test_preserves_plotinfo.m, test_ssm_bode.m: Some unit tests for
      ssm/bode.

2012-01-30 14:21 hewitson

    * classes/@ssm/assemble.m: Use callerIsMethod and setoutputs.

2012-01-30 14:21 hewitson

    * classes/@ssm/append.m: Put the validate step inside the
      ~callerIsMethod.

2012-01-30 14:19 hewitson

    * classes/tests/ssm/@test_ssm_assemble/: test_getInfo.m,
      test_preserves_plotinfo.m, test_ssm_assemble.m: Tests for
      ssm/assemble.

2012-01-30 14:15 hewitson

    * classes/@ssm/append.m: Modernised.

2012-01-30 14:15 hewitson

    * classes/tests/ssm/@test_ssm_append/: test_getInfo.m,
      test_preserves_plotinfo.m, test_ssm_append.m: Tests for
      ssm/append

2012-01-30 13:57 hewitson

    * classes/@ssm/addParameters.m: Various fixes and improvements
      while making unit tests.

2012-01-30 13:57 hewitson

    * classes/tests/ssm/@test_ssm_addParameters/: test_add_keyval.m,
      test_add_plist.m, test_getInfo.m, test_ssm_addParameters.m: unit
      tests for ssm/addParameters.

2012-01-30 13:56 hewitson

    * classes/+utils/@modules/method_unittest_template.m: Unit tests
      for new methods should inherit the ltpda_uoh_method_tests class.

2012-01-30 13:56 hewitson

    * classes/tests/@ltpda_uoh_method_tests/ltpda_uoh_method_tests.m:
      Make sure the configPlist starts life as a plist. This simplifies
      the test code down-stream.

2012-01-30 13:55 hewitson

    * classes/tests/ssm/: @test_ssm_cpsd/test_getInfo.m,
      @test_ssm_psd/test_getInfo.m: Adapt to the changes in the default
      plist of ssm/cpsd and ssm/psd.

2012-01-30 13:55 hewitson

    * classes/@ssm/psd.m: 1) Make default value for PZMODELS an empty

double rather than a strangely size matrix. 2) Change method
name in the displayMethodInfo line.

2012-01-30 13:54 hewitson

* classes/@ssm/cpsd.m: Make default value for PZMODELS an empty
double rather than a strangely size matrix.

2012-01-30 12:49 nikos

* classes/: +utils/@math/rjsample.m, @matrix/modelselect.m,
@pest/computePdf.m, @pest/mcmcPlot.m: Bug fix to mcmcPlot tool,
also added colormap option.

2012-01-30 12:27 hewitson

* classes/@plist/isparam.m: I think isparam should return logicals.
(Otherwise it can't be used in an assert, for example.)

2012-01-30 12:08 hewitson

* classes/@ssm/: cpsd.m, psd.m: Renamed (lower case) versions of
PSD and CPSD which also use now applyDefaults.

2012-01-30 12:08 hewitson

* classes/@ssm/: CPSD.m, PSD.m: these will be renamed to lower
case. It's just too horrible to leave them like this.

2012-01-30 12:04 hewitson

* classes/@ssm/PSD.m: After implementing the unit tests: - various
bug fixes - some general clean-up - added a new plist key 'f' as
an alternative to 'f1', 'f2' and 'nf' - use
utils.helper.setoutputs - better use of callerIsMethod - copy
plist taken from reorganise() before we modify it.

2012-01-30 12:03 hewitson

* classes/tests/ssm/@test_ssm_psd/: test_ao_input.m,
test_getInfo.m, test_preserves_plotinfo.m, test_psd_input.m,
test_pzmodel_ao_input.m, test_ssm_psd.m, test_variance_input.m:
Tests for ssm/psd. One of them fails, but I don't know if the
usage is wrong of the method is buggy.

2012-01-30 11:36 hewitson

* classes/@ssm/CPSD.m: After implementing the unit tests: - various
bug fixes - some general clean-up - added a new plist key 'f' as
an alternative to 'f1', 'f2' and 'nf' - use
utils.helper.setoutputs - better use of callerIsMethod - copy
plist taken from reorganise() before we modify it.

2012-01-30 11:34 hewitson

* classes/tests/ssm/@test_ssm_cpsd/: test_ao_input.m,
test_covariance_input.m, test_cpsd_input.m, test_getInfo.m,
test_preserves_plotinfo.m, test_pzmodel_ao_input.m,
test_ssm_cpsd.m: Tests for ssm/cpsd.

2012-01-30 11:33 hewitson

* classes/tests/@ltpda_uoh_method_tests/: ltpda_uoh_method_tests.m,
test_getInfo.m, test_preserves_plotinfo.m: A new test class for
methods of ltpda_uoh. We can implement tests here which all
methods should pass. For exceptions, overrides in the subclassed

test class can be made.

2012-01-28 10:16 mauro

* classes/+utils/@math/intfact.m: Removed dead code

2012-01-28 10:13 mauro

* classes/@ao/resample.m: Try to minimize the resampling load by
  choosing the factor while looking both at the frequency and its
  inverse

2012-01-28 10:11 mauro

* test/test_ao_removeVal.m: Added tests cases where we remove all
  data

2012-01-28 08:56 hewitson

* classes/+utils/@models/: functionForVersion.m, getDefaultPlist.m:
  Add version name to the error message.

2012-01-27 21:42 ingo

* classes/tests/ao/@test_ao_tsdata_table/test_ao_tsdata_table.m:
  Add some more test cases.

2012-01-27 21:42 ingo

* classes/tests/database/@ltpda_tsdata_table/test_tsdata_t0.m: - it
  is easier to check the double of a time-object than to check the
  string.

2012-01-27 20:45 ingo

* classes/tests/database/@ltpda_tsdata_table/test_tsdata_t0.m: Add
  different checks for the different database layout.

2012-01-27 20:44 ingo

* classes/tests/database/@ltpda_database/init.m: Add the check if
  the UTP uses an old database or a database with the new
  structure.

2012-01-27 20:44 ingo

* classes/tests/database/@ltpda_database/ltpda_database.m: Add two
  new properties 'oldDB' and 'tableId'.

2012-01-27 20:43 ingo

* classes/tests/database/@ltpda_database/: getDataIdFromAoTable.m,
  getTableIdFromTestObj.m: Generate a general method which returns
  the table id for a corresponding test object. This is only
  necessary for databases with the old structure.

2012-01-27 20:41 ingo

* classes/tests/database/: @ltpda_cdata_table/getTableEntry.m,
  @ltpda_database/getTableEntry.m,
  @ltpda_fsdata_table/getTableEntry.m,
  @ltpda_tsdata_table/getTableEntry.m,
  @ltpda_xydata_table/getTableEntry.m: Move the function
  getTableEntry to the super class.

2012-01-27 20:39 ingo

* classes/tests/database/@ltpda_ao_table/: test_ao_mdlfilename.m,
  test_ao_mfilename.m: [no log message]

2012-01-27 20:38 ingo

* classes/tests/database/: @ltpda_ao_table/test_ao_data_id.m,
  @ltpda_cdata_table/test_cdata_xunits.m: This unit test is only
  for the old database structure. Skip this test for new databases
  with a new structure.

2012-01-27 13:59 ingo

* classes/@ssm/: setBlockDescriptions.m, setBlockNames.m,
  setPortDescriptions.m, setPortNames.m, setPortUnits.m: Move the
  warning that this method is deprecated below the getInfo part. It
  is not necessary to show this warning if a user only wants the
  minfo object. We should show this warning only if he uses this
  function.

2012-01-26 23:25 mauro

* classes/@time/format.m: Bug fix in the case of multiple objects
  input

2012-01-26 17:25 ingo

* html_help/help/createDocumentation/:
  +createFuncByCat/mkHelpFunc.m, +createFuncByCat/mkMain.m,
  +docHelper/htmlAddStripedTable.m: small updates

2012-01-26 17:23 ingo

* html_help/help/funcbycat/: html/ao_abs.html, html/ao_acos.html,
  html/ao_and.html, html/ao_angle.html, html/ao_ao.html,
  html/ao_asin.html, html/ao_atan.html, html/ao_atan2.html,
  html/ao_average.html, html/ao_bicohere.html,
  html/ao_bilinfit.html, html/ao_bin_data.html,
  html/ao_bsubmit.html, html/ao_buildWhitener1D.html,
  html/ao_buildplist.html, html/ao_cat.html, html/ao_cdfplot.html,
  html/ao_char.html, html/ao_cohere.html, html/ao_complex.html,
  html/ao_compute.html, html/ao_confint.html, html/ao_conj.html,
  html/ao_consolidate.html, html/ao_convert.html,
  html/ao_conv.html, html/ao_corr.html, html/ao_cos.html,
  html/ao_cov.html, html/ao_cpsd.html, html/ao_crbound.html,
  html/ao_created.html, html/ao_creator.html,
  html/ao_csvexport.html, html/ao_ctranspose.html,
  html/ao_delay.html, html/ao_delayEstimate.html,
  html/ao_demux.html, html/ao_det.html, html/ao_detrend.html,
  html/ao_dft.html, html/ao_diag.html, html/ao_diff.html,
  html/ao_display.html, html/ao_dopplercorr.html,
  html/ao_double.html, html/ao_downsample.html,
  html/ao_dropduplicates.html, html/ao_dsmean.html,
  html/ao_dx.html, html/ao_dy.html, html/ao_dz.html,
  html/ao_ecdf.html, html/ao_eig.html, html/ao_eq.html,
  html/ao_eqmotion.html, html/ao_evaluateModel.html,
  html/ao_exp.html, html/ao_export.html, html/ao_fft.html,
  html/ao_fftfilt.html, html/ao_filtSubtract.html,
  html/ao_filter.html, html/ao_filtfilt.html, html/ao_find.html,
  html/ao_firwhiten.html, html/ao_fixfs.html, html/ao_fngen.html,
  html/ao_fromProcinfo.html, html/ao_fs.html,
  html/ao_gapfilling.html, html/ao_gapfillingoptim.html,
  html/ao_ge.html, html/ao_generateConstructorPlist.html,
  html/ao_get.html, html/ao_getBuiltInModels.html,
  html/ao_getDefaultPlist.html, html/ao_getInfo.html,
  html/ao_getdof.html, html/ao_gnuplot.html, html/ao_gt.html,

html/ao_heterodyne.html, html/ao_hist.html, html/ao_hypot.html,
html/ao_ifft.html, html/ao_imag.html, html/ao_index.html,
html/ao_initObjectWithSize.html, html/ao_integrate.html,
html/ao_interp.html, html/ao_interpmissing.html,
html/ao_intersect.html, html/ao_inv.html, html/ao_iplot.html,
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html/ao_lpsd.html, html/ao_lscov.html, html/ao_lt.html,
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html/ao_save.html, html/ao_scale.html, html/ao_scatterData.html,
html/ao_search.html, html/ao_select.html,
html/ao_setDescription.html, html/ao_setDx.html,
html/ao_setDy.html, html/ao_setFs.html, html/ao_setMdlfile.html,
html/ao_setName.html, html/ao_setPlotinfo.html,
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html/ao_setZunits.html, html/ao_sign.html,
html/ao_simplifyYunits.html, html/ao_sin.html,
html/ao_sineParams.html, html/ao_sinewave.html,
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html/ao_table.html, html/ao_tan.html, html/ao_tdfit.html,
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html/ao_viewHistory.html, html/ao_whiten1D.html,
html/ao_whiten2D.html, html/ao_x.html, html/ao_xcorr.html,
html/ao_xfit.html, html/ao_xunits.html, html/ao_y.html,
html/ao_yunits.html, html/ao_z.html, html/ao_zDomainFit.html,
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html/mfir_generateConstructorPlist.html, html/mfir_get.html,
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html/mfir_requirements.html, html/mfir_resp.html,
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html/miir_generateConstructorPlist.html, html/miir_get.html,
html/miir_getBuiltInModels.html, html/miir_getDefaultPlist.html,
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html/miir_redesign.html, html/miir_report.html,
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html/parfrac_getlowerFreq.html, html/parfrac_getupperFreq.html,
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html/parfrac_resp.html, html/parfrac_retrieve.html,
html/parfrac_save.html, html/parfrac_setDescription.html,
html/parfrac_setIunits.html, html/parfrac_setMdlfile.html,
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html/pest_retrieve.html, html/pest_save.html,
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html/pest_submit.html, html/pest_tdChi2.html,
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html/plist_buildplist.html, html/plist_char.html,
html/plist_combine.html,
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html/plist_getKeys.html, html/plist_getOptionsForParam.html,
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html/plist_getSelectionForParam.html,

html/ssm_SETS.html, html/ssm_ne.html,
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html/ssm_rebuild.html, html/ssm_removeEmptyBlocks.html,
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html/ssm_setBlockDescriptions.html, html/ssm_setBlockNames.html,
html/ssm_setBlockProperties.html, html/ssm_setDescription.html,
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html/ssm_setParameters.html, html/ssm_setParams.html,
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html/ssm_setPortUnits.html, html/ssm_setProcinfo.html,
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html/ssm_ssm2miir.html, html/ssm_ssm2pzmodel.html,
html/ssm_ssm2rational.html, html/ssm_ssm2ss.html,
html/ssm_steadyState.html, html/ssm_string.html,
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html/ssm_subsParameters.html, html/ssm_type.html,
html/ssm_update.html, html/ssm_viewDetails.html,
html/ssm_viewHistory.html, html/timespan_SETS.html,
html/timespan_VEROUT.html, html/timespan_bsubmit.html,
html/timespan_buildplist.html, html/timespan_char.html,
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html/timespan_csvexport.html, html/timespan_display.html,
html/timespan_double.html, html/timespan_eq.html,
html/timespan_generateConstructorPlist.html,
html/timespan_get.html, html/timespan_getBuiltInModels.html,
html/timespan_getDefaultPlist.html, html/timespan_getInfo.html,
html/timespan_index.html, html/timespan_initObjectWithSize.html,
html/timespan_isprop.html, html/timespan_load.html,
html/timespan_main_funcByCat.html, html/timespan_ne.html,
html/timespan_rebuild.html, html/timespan_report.html,
html/timespan_requirements.html, html/timespan_retrieve.html,
html/timespan_save.html, html/timespan_setDescription.html,
html/timespan_setEndT.html, html/timespan_setMdlfile.html,
html/timespan_setName.html, html/timespan_setPlotinfo.html,
html/timespan_setProcinfo.html, html/timespan_setStartT.html,
html/timespan_string.html, html/timespan_submit.html,
html/timespan_timespan.html, html/timespan_type.html,
html/timespan_update.html, html/timespan_viewHistory.html,
helpfuncbycat.xml: small update

2012-01-26 14:18 hewitson

    *
    classes/tests/models/@ltpda_builtin_models_ssm_utp/ltpda_builtin_models_ssm_utp.m:
    Add constructor and set the class to 'ssm'

2012-01-26 00:39 ingo

    * makeToolbox.m: Move the creation of the html-help below the
    ltpda_startup command because some functions needs the prefs in
    the application data and they doesn't exist before we run
    ltpda_startup.

2012-01-26 00:35 ingo

    *
    html_help/help/createDocumentation/+createFuncByCat/mkHelpFuncByCat.m:
    not necessary

2012-01-26 00:33 ingo

* html_help/help/createDocumentation/+docHelper/:
getDescriptionForCategory.m, getDescriptionForClass.m,
getFirstCommentLine.m, getMetaFcnFromClAndFcn.m,
htmlAddBodyTag.m, htmlAddBotNavTable.m, htmlAddH1Tag.m,
htmlAddH2Tag.m, htmlAddH3Tag.m, htmlAddHeadTag.m, htmlAddHelp.m,
htmlAddHtmlTag.m, htmlAddLinkTable.m, htmlAddLinkTableWoFrame.m,
htmlAddStripedTable.m, htmlAddTopNavTable.m,
htmlAddTopOfPageLink.m, htmlRepSpecChar.m: Add some helper
function which are useful for building HTML help pages.

2012-01-26 00:32 ingo

*
html_help/help/createDocumentation/+createFuncByCat/getAltFromFilename.m:
a helper function

2012-01-26 00:32 ingo

* html_help/help/createDocumentation/+createFuncByCat/:
getRelPathToHelp.m, getRelPathToHtmlFiles.m: [no log message]

2012-01-26 00:32 ingo

*
html_help/help/createDocumentation/+createFuncByCat/mkClassHtml.m:
This function builds the single method help pages of the section
'Function by Category'

2012-01-26 00:32 ingo

* html_help/help/createDocumentation/+createFuncByCat/mkMainHtml.m:
This function builds the class help pages of the section
'Function by Category'

2012-01-26 00:31 ingo

* html_help/help/createDocumentation/+createFuncByCat/mkMain.m:
This is the main function which builds all help pages of the
section 'Functions by Category'

2012-01-26 00:29 ingo

*
html_help/help/createDocumentation/+createContentFile/convertTOC.m:
Add some outputs.

2012-01-26 00:28 ingo

* html_help/help/createDocumentation/:
+createClassDesc/create_class_desc.m,
+createClassDesc/create_main_class_desc.m,
+createClassDesc/create_methods_desc.m,
+createClassDesc/create_property_desc.m,
+createFuncByCat/mkHelpFunc.m: Use some methods from the
+docHelper package

2012-01-26 00:27 ingo

* html_help/help/createDocumentation/:
+createContentFile/getAbsPathToHelp.m,
+createContentFile/getRelPathToHelp.m,
+createFuncByCat/getAbsPathToHelp.m,
+createFuncByCat/getAbsPathToHtmlFiles.m,
+createFuncByCat/getAbsPathToXmlFile.m: [no log message]

2012-01-26 00:27 ingo

* html_help/help/createDocumentation/+createClassDesc/:
getAbsPathToHelp.m, getAbsPathToHtmlFiles.m, getRelPathToHelp.m:
Defines the relative/absolute path to different folders from this
package position.

2012-01-26 00:25 ingo

* html_help/help/createDocumentation/createDocumentation.m: Add
some outputs and the creation of the help 'Function by Category'

2012-01-26 00:23 ingo

* html_help/help/template.html: small modification

2012-01-26 00:23 ingo

* html_help/help/ug/: class_desc_ao_content.html,
class_desc_collection_content.html,
class_desc_filterbank_content.html, class_desc_main_content.html,
class_desc_matrix_content.html, class_desc_mfir_content.html,
class_desc_miir_content.html, class_desc_parfrac_content.html,
class_desc_pest_content.html, class_desc_plist_content.html,
class_desc_pzmodel_content.html,
class_desc_rational_content.html, class_desc_smodel_content.html,
class_desc_ssm_content.html, class_desc_timespan_content.html:
Update 'Class Description' help files

2012-01-26 00:20 ingo

* html_help/help/funcbycat/html/: parfrac_main_funcByCat.html,
pest_main_funcByCat.html, plist_main_funcByCat.html,
pzmodel_main_funcByCat.html, rational_main_funcByCat.html,
smodel_main_funcByCat.html, ssm_getPortNamesForBlocks.html,
ssm_main_funcByCat.html, ssm_viewDetails.html,
timespan_main_funcByCat.html, ao_main_funcByCat.html,
collection_main_funcByCat.html, filterbank_main_funcByCat.html,
mainFuncByCat.html, matrix_main_funcByCat.html,
mfir_main_funcByCat.html, miir_main_funcByCat.html,
timespan_SETS.html, timespan_VEROUT.html, timespan_save.html,
timespan_setDescription.html, timespan_setEndT.html,
timespan_setMdlfile.html, timespan_setName.html,
timespan_setPlotinfo.html, timespan_setProcinfo.html,
timespan_setStartT.html, timespan_string.html,
timespan_submit.html, timespan_timespan.html, timespan_type.html,
timespan_update.html, timespan_viewHistory.html, ssm_VEROUT.html,
ssm_string.html, ssm_submit.html, ssm_subsParameters.html,
ssm_type.html, ssm_update.html, ssm_viewHistory.html,
timespan_bsubmit.html, timespan_buildplist.html,
timespan_char.html, timespan_created.html, timespan_creator.html,
timespan_csvexport.html, timespan_display.html,
timespan_double.html, timespan_eq.html,
timespan_generateConstructorPlist.html, timespan_get.html,
timespan_getBuiltInModels.html, timespan_getDefaultPlist.html,
timespan_getInfo.html, timespan_index.html,
timespan_initObjectWithSize.html, timespan_isprop.html,
timespan_load.html, timespan_ne.html, timespan_rebuild.html,
timespan_report.html, timespan_requirements.html,
timespan_retrieve.html, ssm_SETS.html, ssm_reorganize.html,
ssm_report.html, ssm_requirements.html, ssm_resp.html,
ssm_respcst.html, ssm_retrieve.html, ssm_sMinReal.html,
ssm_save.html, ssm_setBlockDescriptions.html,
ssm_setBlockNames.html, ssm_setBlockProperties.html,
ssm_setDescription.html, ssm_setMdlfile.html, ssm_setName.html,
ssm_setParameters.html, ssm_setParams.html, ssm_setPlotinfo.html,
ssm_setPortDescriptions.html, ssm_setPortNames.html,

pzmodel_SETS.html, pzmodel_VEROUT.html, pzmodel_setMdlfile.html,
pzmodel_setName.html, pzmodel_setOunits.html,
pzmodel_setPlotinfo.html, pzmodel_setPoles.html,
pzmodel_setProcinfo.html, pzmodel_setZeros.html,
pzmodel_simplify.html, pzmodel_simplifyUnits.html,
pzmodel_string.html, pzmodel_submit.html, pzmodel_times.html,
pzmodel_tomfir.html, pzmodel_tomiir.html, pzmodel_type.html,
pzmodel_update.html, pzmodel_viewHistory.html,
rational_bsubmit.html, rational_buildplist.html,
rational_char.html, rational_created.html, rational_creator.html,
rational_csvexport.html, rational_display.html, rational_eq.html,
rational_generateConstructorPlist.html, rational_get.html,
rational_getBuiltInModels.html, rational_getDefaultPlist.html,
pzmodel_created.html, pzmodel_creator.html,
pzmodel_csvexport.html, pzmodel_display.html, pzmodel_eq.html,
pzmodel_fngen.html, pzmodel_generateConstructorPlist.html,
pzmodel_get.html, pzmodel_getBuiltInModels.html,
pzmodel_getDefaultPlist.html, pzmodel_getInfo.html,
pzmodel_getlowerFreq.html, pzmodel_getupperFreq.html,
pzmodel_index.html, pzmodel_initObjectWithSize.html,
pzmodel_isprop.html, pzmodel_load.html, pzmodel_mrdivide.html,
pzmodel_mtimes.html, pzmodel_ne.html, pzmodel_pzmodel.html,
pzmodel_rdivide.html, pzmodel_rebuild.html, pzmodel_report.html,
pzmodel_requirements.html, pzmodel_resp.html,
pzmodel_retrieve.html, pzmodel_save.html, pzmodel_setDelay.html,
pzmodel_setDescription.html, pzmodel_setGain.html,
pzmodel_setIunits.html, plist_MULTILINEAR_FIT_PLIST.html,
plist_SAVE_OBJ_PLIST.html, plist_SETS.html,
plist_TO_REPOSITORY_PLIST.html, plist_TSDATA_PLIST.html,
plist_VEROUT.html, plist_WELCH_PLIST.html, plist_ne.html,
plist_nparams.html, plist_parse.html, plist_plist.html,
plist_plist2cmds.html, plist_pset.html, plist_remove.html,
plist_removeKeys.html, plist_retrieve.html, plist_save.html,
plist_setDefaultForParam.html, plist_setDescription.html,
plist_setDescriptionForParam.html, plist_setMdlfile.html,
plist_setName.html, plist_setOptionsForParam.html,
plist_setSelectionForParam.html, plist_shouldIgnore.html,
plist_simplify.html, plist_string.html, plist_submit.html,
plist_subset.html, plist_update.html, pzmodel_bsubmit.html,
pzmodel_buildplist.html, pzmodel_char.html,
plist_FROM_BUILT_IN.html, plist_FROM_MAT_FILE.html,
plist_FROM_PLIST.html, plist_FROM_REPOSITORY_PLIST.html,
plist_FROM_XML_FILE.html, plist_LINEAR_FIT_PLIST.html,
plist_LPSD_PLIST.html, plist_MCH_FIT_PLIST.html, plist_find.html,
plist_get.html, plist_getBuiltInModels.html,
plist_getDefaultAxisPlist.html, plist_getDefaultPlist.html,
plist_getDescriptionForParam.html, plist_getIndexForKey.html,
plist_getInfo.html, plist_getKeys.html,
plist_getOptionsForParam.html, plist_getParamValueForParam.html,
plist_getSelectionForParam.html, plist_getSetRandState.html,
plist_initObjectWithSize.html, plist_isparam.html,
plist_isprop.html, plist_load.html, plist_ltp_parameters.html,
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pest_VEROUT.html, pest_setDof.html, pest_setDy.html,
pest_setDyForParameter.html, pest_setMdlfile.html,
pest_setModels.html, pest_setName.html, pest_setNames.html,
pest_setPdf.html, pest_setPlotinfo.html, pest_setProcinfo.html,
pest_setY.html, pest_setYforParameter.html, pest_setYunits.html,
pest_setYunitsForParameter.html, pest_string.html,
pest_submit.html, pest_tdChi2.html, pest_type.html,
pest_update.html, pest_viewHistory.html,
plist_AXIS_1D_PLIST.html, plist_AXIS_2D_PLIST.html,
plist_AXIS_3D_PLIST.html, plist_DATABASE_CONNECTION_PLIST.html,
plist_DOTVIEW_PLIST.html, plist_EMPTY_PLIST.html,
plist_append.html, plist_bsubmit.html, plist_buildplist.html,
plist_char.html, plist_combine.html, plist_display.html,

plist_eq.html, pest_char.html, pest_combineExps.html,
pest_computePdf.html, pest_created.html, pest_creator.html,
pest_csvexport.html, pest_display.html, pest_eq.html,
pest_eval.html, pest_find.html,
pest_generateConstructorPlist.html, pest_get.html,
pest_getBuiltInModels.html, pest_getDefaultPlist.html,
pest_getInfo.html, pest_index.html, pest_initObjectWithSize.html,
pest_isprop.html, pest_load.html, pest_mcmcPlot.html,
pest_ne.html, pest_pest.html, pest_rebuild.html,
pest_report.html, pest_requirements.html, pest_retrieve.html,
pest_save.html, pest_setChain.html, pest_setChi2.html,
pest_setCorr.html, pest_setCov.html, pest_setDescription.html,
parfrac_SETS.html, parfrac_VEROUT.html, parfrac_get.html,
parfrac_getBuiltInModels.html, parfrac_getDefaultPlist.html,
parfrac_getInfo.html, parfrac_getlowerFreq.html,
parfrac_getupperFreq.html, parfrac_index.html,
parfrac_initObjectWithSize.html, parfrac_isprop.html,
parfrac_load.html, parfrac_ne.html, parfrac_parfrac.html,
parfrac_rebuild.html, parfrac_report.html,
parfrac_requirements.html, parfrac_resp.html,
parfrac_retrieve.html, parfrac_save.html,
parfrac_setDescription.html, parfrac_setIunits.html,
parfrac_setMdlfile.html, parfrac_setName.html,
parfrac_setOunits.html, parfrac_setPlotinfo.html,
parfrac_setProcinfo.html, parfrac_simplifyUnits.html,
parfrac_string.html, parfrac_submit.html, parfrac_type.html,
parfrac_update.html, parfrac_viewHistory.html, pest_bsubmit.html,
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miir_requirements.html, miir_resp.html, miir_retrieve.html,
miir_save.html, miir_setA.html, miir_setB.html,
miir_setDescription.html, miir_setHistin.html,
miir_setHistout.html, miir_setIunits.html, miir_setMdlfile.html,
miir_setName.html, miir_setOunits.html, miir_setPlotinfo.html,
miir_setProcinfo.html, miir_simplifyUnits.html, miir_string.html,
miir_submit.html, miir_type.html, miir_update.html,
miir_viewHistory.html, parfrac_bsubmit.html,
parfrac_buildplist.html, parfrac_char.html, parfrac_created.html,
parfrac_creator.html, parfrac_csvexport.html,
parfrac_display.html, parfrac_eq.html,
parfrac_generateConstructorPlist.html, mfir_SETS.html,
mfir_VEROUT.html, mfir_setPlotinfo.html, mfir_setProcinfo.html,
mfir_simplifyUnits.html, mfir_string.html, mfir_submit.html,
mfir_type.html, mfir_update.html, mfir_viewHistory.html,
miir_bsubmit.html, miir_buildplist.html, miir_char.html,
miir_created.html, miir_creator.html, miir_csvexport.html,
miir_display.html, miir_eq.html,
miir_generateConstructorPlist.html, miir_get.html,
miir_getBuiltInModels.html, miir_getDefaultPlist.html,
miir_getInfo.html, miir_impresp.html, miir_index.html,
miir_initObjectWithSize.html, miir_isprop.html, miir_load.html,
miir_miir.html, miir_ne.html, miir_rebuild.html,
miir_redesign.html, miir_report.html, mfir_buildplist.html,
mfir_char.html, mfir_created.html, mfir_creator.html,
mfir_csvexport.html, mfir_display.html, mfir_eq.html,
mfir_generateConstructorPlist.html, mfir_get.html,
mfir_getBuiltInModels.html, mfir_getDefaultPlist.html,
mfir_getInfo.html, mfir_impresp.html, mfir_index.html,
mfir_initObjectWithSize.html, mfir_isprop.html, mfir_load.html,
mfir_mfir.html, mfir_ne.html, mfir_rebuild.html,
mfir_redesign.html, mfir_report.html, mfir_requirements.html,
mfir_resp.html, mfir_retrieve.html, mfir_save.html,
mfir_setA.html, mfir_setDescription.html, mfir_setGd.html,
mfir_setHistout.html, mfir_setIunits.html, mfir_setMdlfile.html,
mfir_setName.html, mfir_setOunits.html, matrix_SETS.html,
matrix_VEROUT.html, matrix_ne.html, matrix_nrows.html,
matrix_osize.html, matrix_plus.html, matrix_psd.html,

matrix_rdivide.html, matrix_rebuild.html, matrix_report.html,
matrix_requirements.html, matrix_resample.html,
matrix_retrieve.html, matrix_rotate.html, matrix_save.html,
matrix_setDescription.html, matrix_setMdlfile.html,
matrix_setName.html, matrix_setObjs.html,
matrix_setPlotinfo.html, matrix_setProcinfo.html,
matrix_simplify.html, matrix_split.html,
matrix_spsdSubtraction.html, matrix_string.html,
matrix_submit.html, matrix_tdfit.html, matrix_times.html,
matrix_transpose.html, matrix_type.html, matrix_update.html,
matrix_viewHistory.html, mfir_bsubmit.html,
matrix_csvexport.html, matrix_ctranspose.html, matrix_det.html,
matrix_dispersion.html, matrix_display.html, matrix_eq.html,
matrix_fft.html, matrix_fftfilt.html, matrix_filter.html,
matrix_fixfs.html, matrix_generateConstructorPlist.html,
matrix_get.html, matrix_getBuiltInModels.html,
matrix_getDefaultPlist.html, matrix_getInfo.html,
matrix_getObjectAtIndex.html, matrix_index.html,
matrix_initObjectWithSize.html, matrix_inv.html,
matrix_iplot.html, matrix_isprop.html, matrix_linearize.html,
matrix_linfitsvd.html, matrix_linlsqsvd.html, matrix_load.html,
matrix_matrix.html, matrix_mchNoisegen.html,
matrix_mchNoisegenFilter.html, matrix_mcmc.html,
matrix_minus.html, matrix_modelselect.html, matrix_mtimes.html,
matrix_ncols.html, filterbank_SETS.html, filterbank_VEROUT.html,
filterbank_get.html, filterbank_getInfo.html,
filterbank_index.html, filterbank_initObjectWithSize.html,
filterbank_isprop.html, filterbank_load.html, filterbank_ne.html,
filterbank_rebuild.html, filterbank_report.html,
filterbank_requirements.html, filterbank_resp.html,
filterbank_retrieve.html, filterbank_save.html,
filterbank_setDescription.html, filterbank_setIunits.html,
filterbank_setMdlfile.html, filterbank_setName.html,
filterbank_setOunits.html, filterbank_setPlotinfo.html,
filterbank_setProcinfo.html, filterbank_string.html,
filterbank_submit.html, filterbank_type.html,
filterbank_update.html, filterbank_viewHistory.html,
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matrix_conj.html, matrix_crb.html, matrix_created.html,
matrix_creator.html, collection_SETS.html,
collection_VEROUT.html, collection_removeObjectAtIndex.html,
collection_report.html, collection_requirements.html,
collection_retrieve.html, collection_save.html,
collection_setDescription.html, collection_setMdlfile.html,
collection_setName.html, collection_setObjectAtIndex.html,
collection_setObjs.html, collection_setPlotinfo.html,
collection_setProcinfo.html, collection_string.html,
collection_submit.html, collection_type.html,
collection_update.html, collection_viewHistory.html,
filterbank_addFilters.html, filterbank_bsubmit.html,
filterbank_buildplist.html, filterbank_char.html,
filterbank_created.html, filterbank_creator.html,
filterbank_csvexport.html, filterbank_display.html,
filterbank_eq.html, filterbank_filterbank.html,
filterbank_generateConstructorPlist.html,
filterbank_getBuiltInModels.html,
filterbank_getDefaultPlist.html, ao_whiten2D.html, ao_x.html,
ao_xcorr.html, ao_xfit.html, ao_xunits.html, ao_y.html,
ao_yunits.html, ao_z.html, ao_zDomainFit.html, ao_zeropad.html,
ao_zunits.html, collection_addObjects.html,
collection_bsubmit.html, collection_buildplist.html,
collection_char.html, collection_collection.html,
collection_created.html, collection_creator.html,
collection_csvexport.html, collection_display.html,
collection_eq.html, collection_generateConstructorPlist.html,
collection_get.html, collection_getBuiltInModels.html,

collection_getDefaultPlist.html, collection_getInfo.html,
collection_getObjectAtIndex.html,
collection_getObjectsOfClass.html,
collection_identifyInsideObjs.html, collection_index.html,
collection_initObjectWithSize.html, collection_isprop.html,
collection_load.html, collection_ne.html, collection_nobjs.html,
collection_rebuild.html, ao_VEROUT.html, ao_spsd.html,
ao_spsdSubtraction.html, ao_sqrt.html, ao_std.html,
ao_string.html, ao_submit.html, ao_sum.html, ao_sumjoin.html,
ao_svd.html, ao_svd_fit.html, ao_t0.html, ao_table.html,
ao_tan.html, ao_tdfit.html, ao_tfe.html, ao_timeaverage.html,
ao_times.html, ao_timeshift.html, ao_toffset.html,
ao_transpose.html, ao_type.html, ao_uminus.html, ao_unwrap.html,
ao_update.html, ao_upsample.html, ao_validate.html, ao_var.html,
ao_viewHistory.html, ao_whiten1D.html, ao_SETS.html,
ao_setDy.html, ao_setFs.html, ao_setMdlfile.html,
ao_setName.html, ao_setPlotinfo.html, ao_setProcinfo.html,
ao_setReferenceTime.html, ao_setT0.html, ao_setToffset.html,
ao_setX.html, ao_setXY.html, ao_setXunits.html, ao_setY.html,
ao_setYunits.html, ao_setZ.html, ao_setZunits.html, ao_sign.html,
ao_simplifyYunits.html, ao_sin.html, ao_sineParams.html,
ao_sinewave.html, ao_smoother.html, ao_sort.html, ao_spcorr.html,
ao_spectrogram.html, ao_spikecleaning.html, ao_split.html,
ao_offset.html, ao_or.html, ao_phase.html, ao_plot.html,
ao_plus.html, ao_polyfit.html, ao_polynomfit.html, ao_power.html,
ao_psd.html, ao_psdconf.html, ao_qqplot.html,
ao_quasiSweptSine.html, ao_randn.html, ao_rdivide.html,
ao_real.html, ao_rebuild.html, ao_removeVal.html, ao_report.html,
ao_requirements.html, ao_resample.html, ao_retrieve.html,
ao_rms.html, ao_rotate.html, ao_round.html, ao_sDomainFit.html,
ao_save.html, ao_scale.html, ao_scatterData.html, ao_search.html,
ao_select.html, ao_setDescription.html, ao_setDx.html,
ao_len.html, ao_linSubtract.html, ao_lincom.html,
ao_linedetect.html, ao_linfit.html, ao_linlsqsvd.html,
ao_lisovfit.html, ao_ln.html, ao_load.html, ao_log.html,
ao_log10.html, ao_lpsd.html, ao_lscov.html, ao_lt.html,
ao_ltfe.html, ao_map3D.html, ao_max.html, ao_mcmc.html,
ao_mcmc_td.html, ao_md5.html, ao_mean.html, ao_median.html,
ao_min.html, ao_minus.html, ao_mode.html, ao_mpower.html,
ao_mrdivide.html, ao_mtimes.html, ao_ne.html, ao_noisegen1D.html,
ao_noisegen2D.html, ao_norm.html, ao_normdist.html,
ao_nsecs.html, ao_fromProcinfo.html, ao_fs.html,
ao_gapfilling.html, ao_gapfillingoptim.html, ao_ge.html,
ao_generateConstructorPlist.html, ao_get.html,
ao_getBuiltInModels.html, ao_getDefaultPlist.html,
ao_getInfo.html, ao_getdof.html, ao_gnuplot.html, ao_gt.html,
ao_heterodyne.html, ao_hist.html, ao_hypot.html, ao_ifft.html,
ao_imag.html, ao_index.html, ao_initObjectWithSize.html,
ao_integrate.html, ao_interp.html, ao_interpmissing.html,
ao_intersect.html, ao_inv.html, ao_iplot.html, ao_isprop.html,
ao_join.html, ao_kstest.html, ao_lcohere.html, ao_lcpsd.html,
ao_le.html, ao_dy.html, ao_dz.html, ao_ecdf.html, ao_eig.html,
ao_eq.html, ao_eqmotion.html, ao_evaluateModel.html, ao_exp.html,
ao_export.html, ao_fft.html, ao_fftfilt.html,
ao_filtSubtract.html, ao_filter.html, ao_filtfilt.html,
ao_find.html, ao_firwhiten.html, ao_fixfs.html, ao_fngen.html,
ao_consolidate.html, ao_conv.html, ao_convert.html, ao_corr.html,
ao_cos.html, ao_cov.html, ao_cpsd.html, ao_crbound.html,
ao_created.html, ao_creator.html, ao_csvexport.html,
ao_ctranspose.html, ao_delay.html, ao_delayEstimate.html,
ao_demux.html, ao_det.html, ao_detrend.html, ao_dft.html,
ao_diag.html, ao_diff.html, ao_display.html, ao_dopplercorr.html,
ao_double.html, ao_downsample.html, ao_dropduplicates.html,
ao_dsmean.html, ao_dx.html, ao_abs.html, ao_acos.html,
ao_and.html, ao_angle.html, ao_ao.html, ao_asin.html,
ao_atan.html, ao_atan2.html, ao_average.html, ao_bicohere.html,

ao_bilinfit.html, ao_bin_data.html, ao_bsubmit.html,
ao_buildWhitener1D.html, ao_buildplist.html, ao_cat.html,
ao_cdfplot.html, ao_char.html, ao_cohere.html, ao_complex.html,
ao_compute.html, ao_confint.html, ao_conj.html: Update 'Function
By Category' help files

2012-01-26 00:01 ingo

* html_help/help/funcbycat/helpfuncbycat.xml: Update the XML file
with the correct references to the class pages.

2012-01-25 15:44 ingo

* html_help/help/createDocumentation/:
+createClassDesc/create_link_box.m,
+docHelper/htmlAddLinkTable.m: move this file to the package
+docHelper

2012-01-25 15:28 nikos

* classes/+utils/@math/mhsample.m, classes/@matrix/mcmc.m,
html_help/help/ug/sigproc_fit_mcmc_ex2.html,
html_help/help/ug/sigproc_fit_mcmc_ex3.html: Update mcmc with
estimating "delta_omega" Remove some files from mcmc html help

2012-01-25 14:15 miquel

* classes/+utils/@math/fisher_2x2.m: some corrections.   Coputing
only upper triangle of the Fisher matrix and forcing it to be
symmetric (preventing from round-off errors)

2012-01-25 13:07 hewitson

* classes/@ltpda_uoh/fromModel.m: If we have the version
information, we should pass it when asking the model for its
info. This is much more efficient as it avoids asking for all the
model versions.

2012-01-25 01:09 nikos

* classes/+utils/@math/mhsample.m,
html_help/help/ug/sigproc_fit_mcmc_ex2.html: Minor bug fix and
update html mcmc help

2012-01-25 00:01 ingo

* classes/@plist/tohtml.m: Very small layout modification.

2012-01-24 23:59 ingo

* classes/@minfo/: tohtml.m, tohtmlTable.m: Move the SETs table to
an extra method so that minfo/tohtml.m makes only the wrapper
around the SETS table.

2012-01-24 13:01 ingo

* html_help/help/createDocumentation/+docHelper/getHelptocPath.m:
Rename the method to getAbsPathToHelp.m

2012-01-24 11:17 hewitson

* classes/@ao/fromWaveform.m: Remove the callerIsMethod stuff. It
was anyway being ignored for the history part, and just causing
problems in not applying defaults. For such user-level methods
it's not necessary to gain the few milliseconds of speed.

2012-01-23 15:19 ingo

   * classes/: @ao/crbound.m, @matrix/dispersion.m: Add missing
     semicolon

2012-01-23 14:54 ingo

   * makeToolbox.m: Change the creation of the documentation. -
     makeToolbox calls a script which builds the documentation instead
     of creating the documentation inside makeToolbox

2012-01-23 14:44 hewitson

   * classes/@ssm/: viewDetails.m, getPortNamesForBlocks.m: Two new
     SSM methods:

     1) get a list of port names for a given block(s) 2) generate an
     html view of the inputs/outputs and parameters of a state-space
     model

2012-01-23 11:47 mauro

   * classes/@tsdata/tsdata.m: Variables names changed. Just
     cosmetics.

2012-01-23 11:46 mauro

   * classes/@ao/: interp.m, split.m: Expand the call to collapseX
     also to uneveny sampled data (in this case the effect is only
     setting the sampling rate)

2012-01-23 11:43 mauro

   * classes/@ao/fixfs.m: Removed variable duplication

2012-01-23 11:43 mauro

   * classes/: @tsdata/evenly.m, @ao/find.m: Cosmetics

2012-01-23 11:42 mauro

   * classes/@tsdata/collapseX.m: In the case of unevenly sampled
     data, we only set the fs property to the estimated one. No more
     data shifting, so to avoid unnecessary calculations that might
     lead to rounding-associated issues

2012-01-23 11:41 mauro

   * classes/@tsdata/fitfs.m: In the case of tsdata object input, we
     output as 'toffset' the time of the first sample PLUS the object
     toffset Help updated

2012-01-23 10:37 mauro

   * classes/@ao/fixfs.m: Variables names changed. Just cosmetics.

2012-01-23 00:46 mauro

   * classes/@ao/split.m: Re-added support for negative or zero 2nd
     values in the case of 'frequencies' set (meaning a meaurement
     from the end of the range)

2012-01-22 23:56 mauro

   * test/: test_list.m, test_tsdata_class.m: Added a test for the
     tsdata class constructors, as listed in the help of the tsdata

constructor

2012-01-22 23:54 mauro

   * classes/@tsdata/tsdata.m: Stop subtracting the first sample and
     storing in the toffset, so to avoid unnecessary rounding errors.
     Bug fixes: t0 and toffset were left confused

2012-01-22 23:52 mauro

   * classes/@tsdata/setX.m: Stop subtracting the first sample and
     storing in the toffset, so to avoid unnecessary rounding errors.

2012-01-22 08:08 hewitson

   * test/pipelines/test_iir_filtering.lwb: Updated to use the new
     'offsets' key and remove the old 'split_type' key.

2012-01-22 08:04 hewitson

   * test/test_ao_split.m: Use 'offsets' split type instead of
     'times'.

2012-01-22 07:58 hewitson

   * test/test_iir_filtering.m: Use the new 'offsets' split type
     rather than 'times'.

2012-01-22 07:58 hewitson

   * classes/@ao/split.m: Bug fix: we need to check for the new
     'offsets' key before throwing the error.

2012-01-20 12:23 hewitson

   * classes/@ao/split.m: 1) Change the meaning of 'times' (which was
     ambiguous before the introduction of toffset) to mean times
     specified relative to the reference time.

     2) Introduce a new split method 'offsets' to allow removing nsecs
     from start and end.

     3) For correcting the toffset, we count samples - this is more
     numerically stable.

2012-01-20 10:58 mauro

   * classes/@ao/split.m: Bug fix: we need to do the toffset change
     only if the original data starts before the initial requested
     time. This still has a problem due to floating-point
     representation.

2012-01-19 20:48 ingo

   * html_help/help/funcbycat/html/: ao_abs.html, ao_acos.html,
     ao_and.html, ao_angle.html, ao_ao.html, ao_asin.html,
     ao_atan.html, ao_atan2.html, ao_average.html, ao_bicohere.html,
     ao_bilinfit.html, ao_bin_data.html, ao_bsubmit.html,
     ao_buildWhitener1D.html, ao_buildplist.html, ao_cat.html,
     ao_cdfplot.html, ao_char.html, ao_cohere.html, ao_complex.html,
     ao_compute.html, ao_confint.html, ao_conj.html,
     ao_consolidate.html, ao_conv.html, ao_convert.html, ao_corr.html,
     ao_cos.html, ao_cov.html, ao_cpsd.html, ao_crbound.html,
     ao_created.html, ao_creator.html, ao_csvexport.html,
     ao_ctranspose.html, ao_delay.html, ao_delayEstimate.html,
     ao_demux.html, ao_det.html, ao_detrend.html, ao_dft.html,

ao_diag.html, ao_diff.html, ao_display.html, ao_dopplercorr.html,
ao_double.html, ao_downsample.html, ao_dropduplicates.html,
ao_dsmean.html, ao_dx.html, ao_dy.html, ao_dz.html, ao_ecdf.html,
ao_eig.html, ao_eq.html, ao_eqmotion.html, ao_evaluateModel.html,
ao_exp.html, ao_export.html, ao_fftfilt.html, ao_fft.html,
ao_filtSubtract.html, ao_filter.html, ao_filtfilt.html,
ao_find.html, ao_firwhiten.html, ao_fixfs.html, ao_fngen.html,
ao_fromProcinfo.html, ao_fs.html, ao_gapfilling.html,
ao_gapfillingoptim.html, ao_ge.html,
ao_generateConstructorPlist.html, ao_get.html,
ao_getBuiltInModels.html, ao_getDefaultPlist.html,
ao_getdof.html, ao_getInfo.html, ao_gnuplot.html, ao_gt.html,
ao_heterodyne.html, ao_hist.html, ao_hypot.html, ao_ifft.html,
ao_imag.html, ao_index.html, ao_initObjectWithSize.html,
ao_integrate.html, ao_interp.html, ao_interpmissing.html,
ao_intersect.html, ao_inv.html, ao_iplot.html, ao_isprop.html,
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miir_initObjectWithSize.html, miir_isprop.html, miir_load.html,
miir_miir.html, miir_ne.html, miir_rebuild.html,
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parfrac_getlowerFreq.html, parfrac_getupperFreq.html,
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ssm_cpsdForIndependentInputs.html, ssm_created.html,
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ssm_double.html, ssm_duplicateInput.html, ssm_eq.html,
ssm_findParameters.html, ssm_generateConstructorPlist.html,
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ssm_reorganize.html, ssm_report.html, ssm_requirements.html,
ssm_resp.html, ssm_respcst.html, ssm_retrieve.html,
ssm_save.html, ssm_SETS.html, ssm_sMinReal.html,
ssm_setBlockDescriptions.html, ssm_setBlockNames.html,
ssm_setBlockProperties.html, ssm_setDescription.html,
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timespan_csvexport.html, timespan_display.html,
timespan_double.html, timespan_eq.html,
timespan_generateConstructorPlist.html, timespan_get.html,
timespan_getBuiltInModels.html, timespan_getDefaultPlist.html,
timespan_getInfo.html, timespan_index.html,
timespan_initObjectWithSize.html, timespan_isprop.html,
timespan_load.html, timespan_ne.html, timespan_rebuild.html,
timespan_report.html, timespan_requirements.html,
timespan_retrieve.html, timespan_save.html,
timespan_setDescription.html, timespan_setEndT.html,
timespan_setMdlfile.html, timespan_setName.html,
timespan_setPlotinfo.html, timespan_setProcinfo.html,
timespan_SETS.html, timespan_VEROUT.html,
timespan_setStartT.html, timespan_string.html,
timespan_submit.html, timespan_timespan.html, timespan_type.html,
timespan_update.html, timespan_viewHistory.html: first draft of
the 'function by category' HTLM files

2012-01-19 20:28 ingo

        * html_help/help/funcbycat/helpfuncbycat.xml: Add XML for functions
        by category.

2012-01-19 20:13 ingo

        * html_help/help/createDocumentation/createDocumentation.m: main
        file which run all necessary scripts for the documentation. This
        script will be called by makeTookbox.m

2012-01-19 20:12 ingo

        * html_help/help/createDocumentation/+docHelper/getHelptocPath.m:
        This method returns the path of the helptoc.xml file(s).

2012-01-19 20:11 ingo

        * html_help/help/createDocumentation/+createFuncByCat/:
        mkHelpFunc.m, mkHelpFuncByCat.m: new methods which will build the
        documentation of all functions.

2012-01-19 20:09 ingo

        * html_help/help/:
        createDocumentation/+createContentFile/convertTOC.m,
        createDocumentation/+createContentFile/header.html,
        createDocumentation/+createContentFile/read_item.m,
        createDocumentation/+createContentFile/runcmd.m,
        createDocumentation/+createContentFile/tail.html, convertTOC.m,
        header.html, helpfuncbycat.xml, read_item.m, runcmd.m, tail.html:
        move the methods which builds the general site map of all help
        pages to its own folder (createDocumentation/+createContentFile)

2012-01-19 20:07 ingo

        * html_help/help/createDocumentation/+createClassDesc/:
        create_class_desc.m, create_link_box.m, create_main_class_desc.m,
        create_methods_desc.m, create_property_desc.m,
        create_top_of_page.m: Move the methods which build the html
        documentation for the user classes to an other path. old path:
        create_class_desc new path: createDocumentation/+createClassDesc

2012-01-19 20:04 ingo

        * html_help/help/template.html: Add again the copyright sign to the
          "LTP Team" at the bottom of each HTML page.

2012-01-19 19:03 nikos

        * html_help/help/ug/: sigproc_fit_mcmc.html,
          sigproc_fit_mcmc_ex1.html, sigproc_fit_mcmc_ex2.html,
          sigproc_fit_mcmc_ex3.html: First version of html help for mcmc.
          Added the first simple example and a small description of the
          parameters.

2012-01-19 16:32 hewitson

        * classes/@plist/setDefaultForParam.m: It is possible that the
          option being set is a paramValue. In which case, get the value
          out. When the caller is not a method, pl.find() handles this for
          us.

2012-01-19 16:06 hewitson

        * html_help/help/: helptoc.html, helptoc.xml, helptocR2009a.xml,
          helptocR2009b.xml, helptocR2010a.xml: Updated helptoc which
          includes the structure for training session 2.

2012-01-19 15:52 ingo

        * html_help/help/mkhelpfiles_v3.py: Add a feature that skips the
          using of the html-template-.

2012-01-19 14:27 ingo

        * html_help/help/ug/mindex_content.html: REmove <body> tag.

2012-01-19 14:27 ingo

        * html_help/help/ug/: ltpda_training_topic_5_4_content.html,
          ssm_assemble_content.html, ssm_build_built_in_content.html,
          ssm_build_description_content.html, ssm_building_content.html,
          ssm_content.html, ssm_introduction_content.html,
          ssm_modify_content.html, ssm_simulation_content.html: remove the
          <html>, <head> and <body> tags from the content file because a
          python will add this tags to the contents files.

2012-01-19 14:25 ingo

        * html_help/help/ug/ltpda_product_page.html: increase the width of
          the 'LTPDA Web Site Resources' table

2012-01-19 14:23 ingo

        * html_help/help/template.html: Make the template more clear. The
          style is still the same.

2012-01-19 13:09 hewitson

        * html_help/help/ug/: ltpda_training_2_intro_content.html,
          ltpda_training_2_topic_1_1_content.html,
          ltpda_training_2_topic_1_2_content.html,
          ltpda_training_2_topic_1_3_content.html,
          ltpda_training_2_topic_1_4_content.html,
          ltpda_training_2_topic_1_5_content.html,
          ltpda_training_2_topic_1_6_content.html,
          ltpda_training_2_topic_1_7_content.html,

ltpda_training_2_topic_1_content.html,
ltpda_training_2_topic_2_1_content.html,
ltpda_training_2_topic_2_2_content.html,
ltpda_training_2_topic_2_3_content.html,
ltpda_training_2_topic_2_4_content.html,
ltpda_training_2_topic_2_5_content.html,
ltpda_training_2_topic_2_6_content.html,
ltpda_training_2_topic_2_7_content.html,
ltpda_training_2_topic_2_8_content.html,
ltpda_training_2_topic_2_9_content.html,
ltpda_training_2_topic_2_content.html,
ltpda_training_2_topic_3_1_content.html,
ltpda_training_2_topic_3_2_content.html,
ltpda_training_2_topic_3_3_content.html,
ltpda_training_2_topic_3_content.html,
ltpda_training_2_topic_4_1_content.html,
ltpda_training_2_topic_4_2_content.html,
ltpda_training_2_topic_4_3_content.html,
ltpda_training_2_topic_4_4_content.html,
ltpda_training_2_topic_4_5_content.html,
ltpda_training_2_topic_4_6_content.html,
ltpda_training_2_topic_4_7_content.html,
ltpda_training_2_topic_4_content.html,
ltpda_training_2_topic_5_1_content.html,
ltpda_training_2_topic_5_2_content.html,
ltpda_training_2_topic_5_3_content.html,
ltpda_training_2_topic_5_4_content.html,
ltpda_training_2_topic_5_5_content.html,
ltpda_training_2_topic_5_6_content.html,
ltpda_training_2_topic_5_7_content.html,
ltpda_training_2_topic_5_content.html: HTML files for training
session 2.

2012-01-19 10:59 mauro

* classes/@tsdata/fitfs.m: Bug fix: we need to support the case of
empty tsdata object

2012-01-19 09:07 mauro

* classes/@ao/consolidate.m: Help updated

2012-01-19 09:06 mauro

* classes/@ao/interp.m: Comment changed

2012-01-19 06:57 hewitson

* classes/@pzmodel/pzmodel.m: Put the 'from poles and zeros' case
to the top; this avoids calling isparam N times before getting to
this most common case.

2012-01-19 06:56 hewitson

* classes/@plist/setDefaultForParam.m: 1) Add a callerIsMethod
clause where we handle the simple call
setDefaultForParam(objs, key, value)

2) plist.nparams is slow, use numel(plist.params) instead

2012-01-19 06:55 hewitson

* classes/@ltpda_uoh/setPropertyValue.m: I think we only need to
apply defaults if caller is not a method. To be discussed.

2012-01-19 06:54 hewitson

* classes/@ltpda_uoh/setObjectProperties.m: replace ismethod with a faster call using strcmp.

2012-01-19 06:52 hewitson

* classes/@plist/applyDefaults.m: 1) Use utils.helper.ismember because it's faster 2) Only build the unused plist if we actually want to use it 3) Simplify the call to setDefaultForParam which has been changed to look for callerIsMethod and in that case handle this simple key-value call.

2012-01-19 06:50 hewitson

* classes/+utils/@helper/callerIsMethod.m: Add ssm2dot to the list of exceptions. This method uses a similar scheme to rebuild and callerIsMethod can break it under some circumstances.

2012-01-19 06:50 hewitson

* classes/@plist/nparams.m: Use callerIsMethod to skip collecting objects.

2012-01-19 06:49 hewitson

* classes/@plist/isparam.m: Use callerIsMethod to skip collectObjects.

2012-01-18 14:30 mauro

* test/test_list.m: Added the test for ao.consolidate

2012-01-18 14:29 mauro

* test/test_ao_consolidate.m: A first, very simple test case for ao.consolidate

2012-01-18 14:28 mauro

* classes/@ao/consolidate.m: Try to avoid unnecessary calculations Use callerIsMethod Use plist.applyDefaults Support single object input Update the calls to the other methods with proper plists

2012-01-18 14:23 mauro

* classes/@ao/fixfs.m: This is basically rewritten (and still giving some problems ...): +) try to avoid unncessary .x vector reconstructions +) change the 'fs' default value to [] so to comply with the documentation +) pass a tsdata object to tsdata.fitfs so to avoid unnecessary .x vector calculations +) use the callerIsMethod flag to skip name and history setting

2012-01-18 14:19 mauro

* classes/@ao/split.m: Fixed a bug in setting the toffset in the case of evenly sampled data Pass the tsdata object to the tsdata.fitfs utility so to avoid unnecessary calculations, if possible

2012-01-18 14:18 mauro

* classes/@ao/interpmissing.m: Introduce the callerIsMethod flag to skip history and name setting. Do this in all cases, even if we found no missing points, so to have a record in the history for (possible) analysis comparison

2012-01-18 14:16 mauro

    * classes/@ao/interp.m: Introduce the callerIsMethod flag to skip
      history and name setting Pass the tsdata object to the
      tsdata.fitfs utility so to avoid unnecessary calculations, if
      possible

2012-01-18 14:13 mauro

    * classes/@ao/: downsample.m, resample.m, upsample.m,
      dropduplicates.m, find.m, removeVal.m, select.m: Introduce the
      callerIsMethod flag to skip history and name setting

2012-01-18 14:12 mauro

    * classes/@tsdata/fitfs.m: +) Support a call tsdata.fitfs(obj)
      where obj is a tsdata object. In this case, we check the object:
      if the x field is empty, we just give back fs and toffset.
      Otherwise, we extract the x vector and fall back to the original
      call. +) t0 is now output to be the toffset

2012-01-18 14:08 mauro

    * classes/@data2D/applymethod.m: Bug fix: we need to use the couple
      setX/getX to ensure the toffset is properly handled

2012-01-18 10:30 mauro

    * classes/@tsdata/collapseX.m: Cosmetics: just a variable name
      change

2012-01-18 10:28 mauro

    * classes/@tsdata/tsdata.m: Help updated

2012-01-18 08:58 hewitson

    * classes/@plist/plist.m: Fix typos.

2012-01-18 08:58 hewitson

    * classes/@plist/tohtml.m: Add the plist description to the html
      representation.

2012-01-18 08:57 hewitson

    * classes/@ssmblock/: ssmblock.m, tohtml.m: New method that returns
      an html table representation of the ssmblock.

2012-01-18 08:56 hewitson

    * classes/+utils/@modules/moduleInfo.m: Work around for the java
      not handling ~ problem.

2012-01-18 08:56 hewitson

    * classes/+utils/@modules/modules.m: Add declaration of the
      makeMethod method.

2012-01-18 08:56 hewitson

    * classes/+utils/@modules/: makeMethod.m, method_template.m,
      method_unittest_template.m: A new utility to make a method in a
      module based on the template. The method also builds unit tests
      which inherit the ltpda_uoh tests. This needs reviewed.

2012-01-17 16:08 ingo

    * classes/: +utils/@math/iirinit.m, @ao/eqmotion.m, @ao/gnuplot.m:
      I have created from the http sites a link which opens the system
      browser.

2012-01-17 15:31 ingo

    * html_help/help/ug/trouble_shooting_content.html: Use the system
      browser (like firefox) for external links instead of the MALTAB
      browser.

2012-01-17 15:30 ingo

    * html_help/help/ug/sigproc_diff_content.html: typo

2012-01-17 14:57 ingo

    * html_help/help/ug/: additional_progs_content.html,
      repo_whatis_content.html, sigproc_diff_content.html: Use the
      local browser (like firefox) for external links instead of the
      MALTAB browser.

2012-01-17 12:31 ingo

    * classes/@ao/filter.m: bug fix: This bug appears after renaming
      the index of the outer loop because some of the inner loops used
      the same index name --> Rename the index name of the inner loops.

2012-01-17 05:48 hewitson

    * classes/@ao/filter.m: And another missed instance of the index
      change. A real lesson in not committing before testing.
      <sheepish>

2012-01-16 20:01 hewitson

    * classes/@ao/filter.m: Bug fix. Forgot to change the loop counter
      at the start. Silly me.

2012-01-16 11:36 mauro

    * test/test_iplot.m: Use values different than default Switch back
      to be a function

2012-01-16 09:22 hewitson

    * classes/@ao/filter.m: 1) Don't use single letter index counters
      2) Use utils.helper.eq2eps for comparing the sample rates. This
      answers to MANTIS issue 560.

2012-01-16 09:21 hewitson

    * classes/+utils/@helper/: eq2eps.m, helper.m: Compares two numbers
      (or vectors of equal length) and returns true if they are within
      2*eps of each other.

2012-01-16 09:05 hewitson

    * classes/@ao/iplotyy.m: Fix help header.

2012-01-16 09:03 hewitson

    * classes/@ao/iplotyy.m: 1) Properly handle the default plist
      according to the type of input data. This fixes MANTIS bug 537.

2) Use .x and .y instead of .data.getX etc

3) Fix mixed up ylabels. This fixes MANTIS issue 548.

2012-01-16 08:34 hewitson

  * classes/@ao/convert.m: 1) Use applyDefaults.   2) Use setOutputs.
    3) Preserve units during the conversion to different data types.
    This answers to MANTIS issue 535.

2012-01-16 08:24 hewitson

  * classes/@ao/gnuplot.m: 1) Added a plist options to plot errorbars
    (or not) for fsdata plots. 2) Bug fix: wrong columns were
    plotted for real fsdata plots with errors. 3) Some code
    hardening: if the tmp command file can't be opened, we throw an
    error. 4) Use system() instead of !

    These answer to MANTIS bugs 551 and 552.

2012-01-14 11:00 hewitson

  * m/etc/ltpda_startup.m: Write the preferences to disk. This
    ensures that the next time the preferences are loaded, they are
    already up to the current version. This stops the double warning
    in ltpda_startup.

2012-01-14 10:48 nicolodi

  * classes/+utils/@repository/insertObjMetadata.m: Change toffset
    database representation to be a rounded number of secodnds. This
    should allow correct reconstruction of the reference time with
    seconds granularity.

2012-01-14 10:40 hewitson

  * makeToolbox.m: bump version to 2.5.rc1

2012-01-13 21:53 ingo

  * html_help/help/helptoc.html: This html page is necessary for all
    LTPDA help pages which have a navigation bat at the top.

2012-01-13 21:44 ingo

  * html_help/help/: helptocR2009a.xml, helptocR2009b.xml: Set the
    product page of LTPDA as the starting help page to uniform with
    MALTAB's toolboxes.

2012-01-13 21:38 ingo

  * html_help/help/ug/gettingstarted_content.html: Add the text from
    the ltpda_top.help page because I have replaced this page with
    the product page.

2012-01-13 21:36 ingo

  * html_help/help/: helptoc.xml, helptocR2010a.xml: Set the product
    page of LTPDA as the starting help page to uniform with MALTAB's
    toolboxes.

2012-01-13 21:25 ingo

  * html_help/help/ug/releasenotes_content.html: Add 2.5 to the
    release notes table.

2012-01-13 21:15 mauro

    * classes/@ao/eqmotion.m: Bug fixed. Too much cut&paste ...

2012-01-13 21:14 ingo

    * html_help/info.xml: Add a sensible release version for the key
    'matlabrelease'. Is is required but not currently parsed from
    MATLAB.

2012-01-13 21:10 ingo

    * html_help/help/demos/demos.xml: Add the information that some
    demos are coming soon.

2012-01-13 21:09 ingo

    * html_help/help/ug/demo_coming_soon.html: Add a help page which
    says that a demo is coming soon

2012-01-13 21:06 ingo

    * html_help/help/helptoc.xml: Use the file helptocR2010a.xml as the
    default.

2012-01-13 21:02 ingo

    * html_help/help/mkhelpfiles.py: Add a feature that skips the using
    of the html-template-.

2012-01-13 20:59 ingo

    * html_help/help/: helptocR2009b.xml, helptocR2010a.xml: - Add an
    entry for the 2.5 release notes. - Add the product page to the
    User Guid button

2012-01-13 20:59 ingo

    * html_help/help/helptocR2009a.xml: Add an entry for the 2.5
    release notes.

2012-01-13 20:55 mauro

    * classes/@ao/: max.m, min.m: Rewritten to use ao.applymethod

2012-01-13 20:52 ingo

    * html_help/help/: ltpda_product_page.html,
    ug/ltpda_product_page.html: mode the html product page to the
    general html folder 'ug'

2012-01-13 15:39 mauro

    * test/pipelines/test_ao_detrend.lwb: Use the parameters in the
    default plist

2012-01-13 15:39 mauro

    * test/pipelines/test_ao_polyfit.lwb: Removed (now) unsupported
    parameter 'COEFFS'

2012-01-13 15:04 mauro

    * test/test_ao_heterodyne.m: Use the parameters with values among
    those supported

2012-01-13 12:34 hewitson

      * classes/@plist/applyDefaults.m: Set the error back to a warning
        now. I think we've collected enough information.

2012-01-13 12:32 hewitson

      * test/test_ao_linedetect.m: Set a sensible value for the
        band-width.

2012-01-13 12:31 hewitson

      * classes/@ao/linedetect.m: Added some code hardening in case no
        lines are found

2012-01-13 12:24 hewitson

      * test/test_ltpda_nfest.m: Use the correct plist key for smoother.

2012-01-13 12:23 hewitson

      * classes/@ao/linedetect.m: Pass a correct plist on to smoother
        containing only the supported keys.

2012-01-13 12:20 hewitson

      * test/test_ltpda_polydetrend.m: Update test to use the correct
        plist key.

2012-01-13 10:43 hewitson

      * classes/@collection/fromInput.m: Use applyDefaults and
        setObjectProperties to properly handle the user's inputs.

2012-01-13 10:42 hewitson

      * classes/@collection/collection.m: Remove the
        matrix(plist('plist', plist))) constructor. We think this is a
        very old remnant, perhaps of the very first GUI.

        Use applyDefaults for the matrix(plist) constructor when no 'set'
        key is found.

2012-01-13 10:42 hewitson

      * classes/@matrix/matrix.m: Remove the matrix(plist('plist',
        plist))) constructor. We think this is a very old remnant,
        perhaps of the very first GUI.

2012-01-13 10:41 hewitson

      * classes/@collection/setObjs.m: use applyDefaults remove
        setProperties (since this was a very strange usage) use
        setOutputs.

2012-01-13 09:25 hewitson

      * classes/@plist/shouldIgnore.m: Fixed help.

2012-01-13 09:17 hewitson

      * classes/@matrix/matrix.m: Replace the use of setProperties with
        the newer setObjectProperties. This breaks utp_70, but I think
        the test is wrong.

2012-01-13 09:14 hewitson

* classes/@pest/pest.m: Remove the plist('plist') call. I've no
  idea what this is for and anyway it doesn't work.

2012-01-13 09:01 hewitson

* classes/@pest/pest.m: Support the plist(plist) constructor. Bug
  fix: in the last commit I made a cut-paste error.

2012-01-13 08:35 hewitson

* classes/@minfo/getInfoAxis.m: Bug fix: we changed the number of
  inputs but forgot to update the 'if' statements to account for
  this.

2012-01-13 08:24 hewitson

* classes/@matrix/fromValues.m: Replace the use of setProperties
  with the newer setObjectProperties. Not sure if we test all
  features of this constructor.

2012-01-13 08:17 hewitson

* classes/@matrix/: mchNoisegenFilter.m, fromCSD.m: Replace the use
  of setProperties with the newer setObjectProperties. BUT: there
  are no unit tests for this method, so testing is difficult!

2012-01-13 08:13 hewitson

* classes/@pest/pest.m: Replace the use of setProperties with the
  newer setObjectProperties.

2012-01-13 02:15 mauro

* test/test_ao_timeaverage.m: Fixed function name Use parameter
  names matching the default plist entries

2012-01-13 02:14 mauro

* classes/@ao/xcorr.m: Use plist.applyDefaults

2012-01-13 02:14 mauro

* classes/@ao/timeaverage.m: Use utils.helper.setoutputs to set
  outputs Use plist.applyDefaults

2012-01-13 02:13 mauro

* classes/@ao/: rms.m, scale.m, scatterData.m, smoother.m: Use
  utils.helper.setoutputs to set outputs Use plist.applyDefaults
  Code harmonization

2012-01-13 02:11 mauro

* classes/@ao/join.m: Use plist.applyDefaults Removed commented-out
  code

2012-01-13 02:10 mauro

* classes/@ao/: fixfs.m, interpmissing.m, linedetect.m, lscov.m,
  polyfit.m, removeVal.m: Use plist.applyDefaults

2012-01-13 02:09 mauro

* classes/@ao/heterodyne.m: Use utils.helper.setoutputs to set
  outputs Use plist.applyDefaults Code harmonization

2012-01-13 02:08 mauro

> * classes/@ao/detrend.m: Use plist.applyDefaults Code harmonization
>   Use the ao_invars quantity so to use the variable name(s) in the
>   case the input object(s) name(s) is empty

2012-01-13 02:07 mauro

> * classes/@ao/dopplercorr.m: Use utils.helper.setoutputs to set
>   outputs Use plist.applyDefaults Code harmonization Use the
>   ao_invars quantity so to use the variable name(s) in the case the
>   input object(s) name(s) is empty

2012-01-13 02:06 mauro

> * classes/@ao/: diff.m, dropduplicates.m, eqmotion.m: Use
>   utils.helper.setoutputs to set outputs Use plist.applyDefaults
>   Code harmonization

2012-01-13 02:05 mauro

> * classes/@ao/: downsample.m, resample.m, upsample.m: Code
>   harmonization

2012-01-13 02:03 mauro

> * classes/@ao/: delay.m, dft.m: Use utils.helper.setoutputs to set
>   outputs Use plist.applyDefaults Code harmonization

2012-01-12 23:43 mauro

> * classes/@ao/: bilinfit.m, linfit.m, polynomfit.m: Use the
>   ao_invars quantity so to use the variable name(s) in the case the
>   input object(s) name(s) is empty

2012-01-12 23:19 mauro

> * classes/@ao/: median.m, mode.m: Code harmonization with other
>   methods calling ao.applymethod

2012-01-12 23:02 mauro

> * classes/@ao/applymethod.m: Bug fix

2012-01-12 22:28 mauro

> * classes/@ao/applymethod.m: Store the output plist (modified by
>   the applyDefaults method) in a different plist, because it could
>   be passed back (in subsequent loop evaluation). Example: out =
>   mean(xy_data, c_data, ts_data); and the default plist are
>   different for cdata and data2D

2012-01-12 22:23 mauro

> * classes/: @cdata/applymethod.m, @data2D/applymethod.m: Removed
>   the loop over the objects, because it is performed at higher
>   level.

2012-01-12 21:51 mauro

> * classes/@ltpda_obj/eq.m: Rather than suppressing this output,
>   let's just make it depending from a higher verbosity.

2012-01-12 19:43 ingo

* html_help/help/: bullet_orange.gif, ltpda_product_page.html,
  ug/images/bullet_orange.gif: mode the image bullet_orange.gif to
  the images folder

2012-01-12 19:39 ingo

* html_help/help/: divider_fade.gif, ltpda_product_page.html,
  ug/images/divider_fade.gif: mode the image dicider_fade.gif to
  the images path and add this image to the ltpda_product_page.html

2012-01-12 19:23 ingo

* html_help/: info.xml, help/LisaPFicon.gif,
  help/ug/images/LisaPFicon.gif: move the image LisaPFicon.gif to
  the images path. Necessary for the info.xml file

2012-01-12 19:18 ingo

* html_help/help/: header.html, ltpda_banner.png,
  ltpda_product_page.html, ug/images/ltpda_banner.png: move the
  image ltpda_banner.png to the images path.

2012-01-12 19:13 ingo

* html_help/help/: ltpda_banner.png, ltpda_product_page.html,
  ltpda_toolbox_banner.gif: Use new ltpda_banner.png image

2012-01-12 18:43 ingo

* html_help/help/ltpda_roadmap_page.gif: remove not used image.

2012-01-12 18:40 ingo

* html_help/help/: header.html, ltpda_product_page.html,
  pattern_bkgd1.gif, ug/images/pattern_bkgd1.gif: move the
  pattern_bkgd1.gif image to the image folder

2012-01-12 18:31 ingo

* html_help/help/: header.html, ltpda_product_page.html,
  pixelclear.gif: remove image pixelclear.gif because it doesn't
  show anything. At least I can not see this image.

2012-01-12 17:03 nicolodi

* html_help/help/ug/: repo_whatis_content.html,
  images/db_tables.png: Add toffset to tables description. Sort
  table fields in database schema diagram.

2012-01-12 16:01 mauro

* classes/@plist/plist.m: Removed unsupported parameter 'dim' in
  AXIS_2D_PLIST factory plist Clarified message for parameter 'dim'
  in AXIS_3D_PLIST factory plist

2012-01-12 15:53 mauro

* classes/@data2D/applymethod.m: Removed unsupported (for data2D
  objects) option 'dim'

2012-01-12 15:52 mauro

* classes/@cdata/applymethod.m: Help updated

2012-01-12 15:52 mauro

* classes/@ao/mean.m: Moved the calculation of the uncertainty into
  a private function Fixed a bug: now we set the correct quantities
  (dx, dy, dz) according to the user input Code and help harmonized

2012-01-12 15:50 mauro

* test/test_mean.m: Added more tests

2012-01-12 14:58 ingo

* classes/@provenance/setFromEncodedInfo.m: Show a warning if a
  user tries to read objects which are build with an newer LTPDA
  version. For example a user with LTPDA 2.4 reads an object from
  LTPDA 2.5. The question is can he trust the data?

2012-01-12 14:57 ingo

* classes/@plist/simplify.m: This method returns now a minfo
  object.

2012-01-12 14:56 ingo

* classes/@plist/plist.m: Set the access status of the following
  method to 'hidden'   tohtml   processForHistory
  setPropertyForKey   getPropertyForKey I set status of the last
  two methods to 'hidden' because they don't follow our general
  rules like: - return a minfo object   - they use a fix number of
  inputs

2012-01-12 14:51 ingo

* classes/@miir/miir.m: Set the access status of the
  constructor-helper methods fromAllpass and mkallpass to 'private'

2012-01-12 14:48 ingo

* classes/@matrix/spsdSubtraction.m: bug fix: Use the correct
  command in getDefaultPlist for getting the default PLIST from an
  other method.

2012-01-12 14:46 ingo

* classes/@matrix/crb.m: bug fix: Make a copy of the factory PLIST
  because the factory PLIST have the flag 'read only'.

2012-01-12 14:45 ingo

* classes/@ltpda_uoh/fromFile.m: Show a warning if a user tries to
  read objects which are build with an newer LTPDA version. For
  example a user with LTPDA 2.4 reads an object from LTPDA 2.5. The
  question is can he trust the data?

2012-01-12 14:43 ingo

* classes/@ltpda_uoh/ltpda_uoh.m: set the visibility of this
  function to 'hidden'. The user and LTPDA should not use this any
  more. We keep this method only for backwards compatibility and
  there only for the rebuilding of the objects.

2012-01-12 13:57 hewitson

* makeToolbox.m: Bump the version to 2.5.dev.

2012-01-12 13:55 hewitson

* classes/@plist/getSetRandState.m: RandnAlg is also deprecated, so

we need to switch on this for the matlab version and use the new
NormalTransform instead.

2012-01-12 13:35 hewitson

    * classes/@ao/: abs.m, acos.m, angle.m, asin.m, atan.m, conj.m,
    cos.m, diag.m, eig.m, exp.m, imag.m, inv.m, log.m, log10.m,
    mean.m, median.m, mode.m, norm.m, phase.m, real.m, sign.m, sin.m,
    sqrt.m, std.m, sum.m, tan.m, uminus.m, unwrap.m, var.m, det.m,
    round.m, svd.m: Adopt the new usage of minfo.getInfoAxis

2012-01-12 13:35 hewitson

    * classes/@minfo/getInfoAxis.m: Add extra inputs so that the minfo
    reflects the calling method properly.

2012-01-12 13:22 hewitson

    * classes/@ltpda_uo/setPropertyValue.m: Bug fix: when the input
    plist is used as a value (like with setPlotinfo) we should copy
    it first and not pass it back for use in the history.

2012-01-12 11:49 hewitson

    * classes/@matrix/mcmc.m: Reindent the file. Add the 'Navs' key to
    the default plist. Use a subset of the input plist to pass to
    psd and cpsd.

2012-01-12 10:56 nikos

    * classes/: +utils/@math/rjsample.m, @matrix/modelselect.m: update
    and minor bug fixes

2012-01-12 09:08 hewitson

    * classes/@ao/filtSubtract.m: Bug fix: don't pass a plist full of
    unsupported keys to ltfe.

2012-01-12 08:40 hewitson

    * test/pipelines/test_lincom_cdata.lwb: Bug fix: remove unsupported
    keys being passed to ao constructor (fromVals).

2012-01-12 08:39 hewitson

    * test/pipelines/test_fir_filtering.lwb: Bug fix: remove
    unsupported 'win' key passed to mfir constructor.

2012-01-12 08:37 hewitson

    * test/pipelines/test_ao_conj.lwb: Bug fix: remove (old)
    unsupported keys.

2012-01-12 08:33 hewitson

    * test/pipelines/example_2.lwb: Bug fix: Remove unsupported 'kmin'
    key from lpsd plist.

2012-01-12 08:29 hewitson

    * classes/@ao/spikecleaning.m: Bug fix: Only add the extra filter
    plist keys to the filter plist, otherwise they end up in the
    history and then get passed back in on rebuild, throwing warnings
    in applyDefaults.

2012-01-12 08:28 hewitson

* test/test_ao_fftfilt.m: Bug fix: wrong plist key was being passed
to smodel/eval

2012-01-12 08:27 hewitson

    * test/test_pzmodel_class.m: Bug fix: remove unsupported 'fs' key.

2012-01-12 08:27 hewitson

    * test/test_ltpda_ltfe.m: Bug fix: remove unsupported 'kmin' key.

2012-01-12 08:27 hewitson

    * test/test_fir_filter.m: Bug fix: Remove unsupported 'win' key.

2012-01-12 08:26 hewitson

    * test/test_exp.m: Bug fix: use the new plist keys.

2012-01-12 08:26 hewitson

    * test/test_ao_tfe.m: Bug fix: Typo in variable name.

2012-01-11 18:18 mauro

    * test/test_smodel_double.m: Another test that needs a tolerance to
    pass. Something from the past I was not yet able to solve ...

2012-01-11 18:18 mauro

    * classes/@ao/applyoperator.m: Use the ao_invars quantity so to use
    the variable name(s) in the case the input object(s) name(s) is
    empty

2012-01-11 18:17 mauro

    * test/test_ao_tsfcn.m: Cosmetics

2012-01-11 18:13 mauro

    * test/test_ao_linfit.m: Harmonized with other test fuctions

2012-01-11 16:55 mauro

    * test/test_iplot_2.m: Removed a few 'close all' so to actually see
    the results of the tests

2012-01-11 16:54 mauro

    * test/test_iplot.m: Removed tests testing deprecated syntax

2012-01-11 16:49 mauro

    * classes/@ao/iplot.m: Bug fix in the case of fsdata plots, with
    multiple AOs

2012-01-11 16:38 mauro

    * classes/@ao/elementOp.m: Change the output naming of an object
    with empty name from '?' to 'unknown'. Arguable, I know.

2012-01-11 16:35 mauro

    * classes/@ao/double.m: Code harmonization

2012-01-11 15:38 mauro

　　　* classes/@ao/iplot.m: Change the label of an empty object from '?'
　　　　to 'unknown'. Arguable, I know.

2012-01-11 13:37 ingo

　　　* m/etc/docstyle.css: I have forgotten to update also this doc
　　　　style file. Is this file here really necessary?

2012-01-11 00:30 ingo

　　　* html_help/help/: docstyle.css, ug/docstyle.css: add new document
　　　　style

2012-01-10 22:32 mauro

　　　* test/: test_det.m, test_diag.m, test_eig.m, test_inv.m,
　　　　test_list.m, test_norm.m, test_svd.m: Updated tests

2012-01-10 22:11 mauro

　　　* classes/@ao/var.m: Removed error clearing. It is performed inside
　　　　by data2D.applymethod. Code harmonized with ao.std Help updated

2012-01-10 22:07 mauro

　　　* classes/@ao/: diag.m, det.m, norm.m, std.m, sum.m, svd.m: Removed
　　　　error clearing. It is performed inside by cdata.applymethod.
　　　　Help updated

2012-01-10 22:07 mauro

　　　* classes/@ao/eig.m: Removed error clearing. It is performed inside
　　　　by cdata.applymethod. Re-introduce the persistent plist Help
　　　　updated

2012-01-10 22:04 mauro

　　　* classes/@ao/inv.m: Removed error clearing. It is performed inside
　　　　by cdata.applymethod. Help updated

2012-01-10 21:35 ingo

　　　* html_help/help/ug/: class_desc_ao_content.html,
　　　　class_desc_collection_content.html,
　　　　class_desc_filterbank_content.html,
　　　　class_desc_matrix_content.html, class_desc_mfir_content.html,
　　　　class_desc_miir_content.html, class_desc_parfrac_content.html,
　　　　class_desc_pest_content.html, class_desc_plist_content.html,
　　　　class_desc_pzmodel_content.html,
　　　　class_desc_rational_content.html, class_desc_smodel_content.html,
　　　　class_desc_ssm_content.html, class_desc_timespan_content.html:
　　　　Update html class description.

2012-01-10 17:40 nicolodi

　　　* html_help/help/ug/: repo_whatis_content.html,
　　　　images/db_tables.png: Update database structure description and
　　　　diagram

2012-01-10 16:00 mauro

　　　* test/: test_mean.m, test_std.m, test_var.m: Added a test

2012-01-10 15:57 mauro

* classes/@param/setDefaultOption.m: Trying to clarify error
  message

2012-01-10 15:35 ingo

    * classes/@plist/getSetRandState.m: Use the new or renamed method
      to get/set random streams. MATLAB R2012a will show a warning if
      we use the old command.setDefaultStream -> setGlobalStream
              getDefaultStream -> getGlobalStream The new command exist
      since R2011a.

2012-01-10 10:49 mauro

    * classes/@ao/linedetect.m: Use utils.helper.setoutputs to set the
      outputs Use callerIsMethod to skip the history step when called
      by a method

2012-01-10 10:11 hewitson

    * classes/@plist/applyDefaults.m: Change the warning to an error to
      highlight the places where we have problems. We'll change this
      back after the test rig has run a couple of times.

2012-01-10 10:08 hewitson

    * classes/@ao/spikecleaning.m: Only pass the relevant keys to the
      IIR constructor.

2012-01-10 09:53 mauro

    * m/helper/mc.m: Added a command to close all windows, so to allow
      clearing of the java graphical classes

2012-01-10 09:25 mauro

    * classes/@ao/spikecleaning.m: Use utils.helper.setoutputs to set
      the outputs Use callerIsMethod Code harmonization with other
      methods

2012-01-10 09:23 mauro

    * test/test_ao_cov.m: Harmonized with other examples Updated
      costructors Added more tests

2012-01-10 09:23 mauro

    * classes/@ao/cov.m: Use utils.helper.setoutputs to set the outputs

2012-01-09 22:16 mauro

    * test/test_iplot.m: Removed examples wtih deprecated syntax
      'Ymath' and 'Xmath'

2012-01-09 22:15 mauro

    * test/: test_ao_cohere.m, test_ao_cpsd.m, test_ao_pwelch.m,
      test_ao_tfe.m: Updated costructors Updated tests

2012-01-09 10:04 mauro

    * classes/@miir/miir.m: Removed dead code

2012-01-09 10:03 mauro

    * test/test_ao_freq_series.m: Added units

2012-01-09 10:03 mauro

   * test/test_ao_gapfilling.m: Updated constructors and tests

2012-01-09 10:02 mauro

   * test/test_ao_spikecleaning.m: Cosmetics

2012-01-08 09:02 mauro

   * classes/@ao/xcorr.m: Minor changes in comments

2012-01-08 09:01 mauro

   * test/test_ltpda_xcorr.m: Updated test

2012-01-08 09:00 mauro

   * test/: test_mean.m, test_median.m, test_std.m, test_var.m:
     Updated constructors and tests

2012-01-05 16:06 nikos

   * classes/@matrix/: mcmc.m, modelselect.m: minor bug fixes

2012-01-04 16:15 nikos

   * classes/@matrix/modelselect.m: added Laplace-Metropolis method

2012-01-04 14:04 nicolodi

   * test/test_atan.m: Fix typo

2012-01-03 16:18 nicolodi

   * classes/@LTPDAprefs/cb_guiClosed.m: Remove unnecessary cleanup
     code

2012-01-03 07:36 mauro

   * test/: test_acos.m, test_asin.m, test_atan.m, test_cos.m,
     test_log10.m, test_log_ln.m, test_ltpda_linedetect.m,
     test_ltpda_ltfe.m, test_sin.m, test_sqrt.m, test_tan.m: Updated
     constructors Updated examples to match the current syntax

2012-01-02 22:27 mauro

   * classes/@ao/detrend.m: Comply with pest syntax Use
     utils.helper.setoutputs to set the outputs

2012-01-02 11:43 mauro

   * test/test_mfir_class.m: Removed non any more supported parameter
     'win'. Note: we need to check this in the documentation as well!

2012-01-02 11:08 mauro

   * test/test_lincom_cdata.m: Updated description

2012-01-02 11:07 mauro

   * test/example_2.m: Fixed parameter

2012-01-02 11:04 mauro

* test/: test_ltpda_lincom.m, test_ltpda_tfe.m: Updated description

2012-01-02 11:00 mauro

    * test/: test_ltpda_cohere.m, test_ltpda_cpsd.m,
     test_ltpda_polydetrend.m: Updated description

2011-12-28 15:49 nikos

    * classes/@matrix/modelselect.m: Added other methods to compute
     Bayes Factor, user chooses from plist.

2011-12-27 16:50 mauro

    * test/test_ao_split.m: Use time.double rather than accessing
     utc_epoch_milli

2011-12-27 12:59 mauro

    * html_help/help/ug/: additional_progs_content.html,
     sysreqts_content.html: Fixed broken link Little improvements in
     the text

2011-12-22 10:17 ingo

    * classes/@workspaceBrowser/cb_query.m: bug fix: Check before we
     use the variable of the RepositoryRetrieveDialog GUI if it exist
     or not.

2011-12-20 11:57 mauro

    * classes/@ao/split.m: We don't need to subtract the toffset here.

2011-12-20 06:26 hewitson

    * classes/@ao/crbound.m: Copy factory plist before modifying.

2011-12-20 06:24 hewitson

    * classes/@matrix/modelselect.m: Copy factory plist before
     modifying. Fix indentation.

2011-12-20 06:20 hewitson

    * classes/@matrix/dispersion.m: Copy factory plist before
     modifying. Fix indentation.

2011-12-20 06:19 hewitson

    * classes/@matrix/linfitsvd.m: Copy factory plist before modifying.
     Cleanup commented out code.

2011-12-19 15:45 mauro

    * classes/@ao/mcmc.m: A little bit of code harmonization

2011-12-19 15:44 mauro

    * classes/@matrix/mcmc.m: Ensure we deep copy the factory plist
     because it is now read-only

2011-12-19 15:25 mauro

    * classes/@ao/interpmissing.m: Code harmonization

2011-12-19 15:24 mauro

* classes/@ao/interp.m: With the new behavior we don't need to
setT0 any more

2011-12-19 15:18 mauro

* classes/@ao/fixfs.m: Removed (any more) unnecessary timeshift
step Use utils.helper.setoutputs

2011-12-19 15:16 mauro

* html_help/help/ug/resample_content.html: Fixed a wrong plist

2011-12-19 12:37 mauro

* classes/@ao/find.m: Adapted to the new behavior of tsdata.setX
Use utils.helper.setOutputs Code harmonization

2011-12-19 09:16 nikos

* classes/: +utils/@math/loglikelihood_ssm.m,
+utils/@math/mhsample.m, +utils/@math/rjsample.m,
@matrix/modelselect.m: Bug fix to log-likelihood ssm, added
history, cosmetics

2011-12-19 09:11 nicolodi

* classes/tests/database/@ltpda_database/ltpda_database.m: Fix
destructor

2011-12-19 09:06 nicolodi

* classes/tests/ao/@test_ao_tsdata_table/test_ao_tsdata_table.m:
Fix test

2011-12-18 21:05 mauro

* classes/@ao/gapfilling.m: Bug fix: the sampling frequency can be
different that 1 Hz Use utils.helper.setoutputs to set the
outputs Use .double instead of .utc_epoch_milli/1000

2011-12-18 20:15 mauro

* classes/@tsdata/collapseX.m: In the case of collapsing x-values
of unevenly sampled data, I think we can remove the offset from
the first sample. This harmonizes the behavior with the case of
evenly sampled data

2011-12-18 20:12 mauro

* classes/@tsdata/setX.m: Make sure we set the toffset when setting
x

2011-12-18 20:11 mauro

* classes/@ao/split.m: Make sure we always use the couple setX/getX
so to account for the toffset properly

2011-12-17 14:18 mauro

*
html_help/help/ug/images/ltpda_training_1/topic2/split_join_hist.png:
Updated history plot

2011-12-17 14:18 mauro

      * html_help/help/ug/ltpda_training_topic_2_8_content.html: Updated
       a bit

2011-12-17 12:42 hewitson

      * classes/@smodel/assignalias.m: Ensure the factory plist is copied
       before modifying it.

2011-12-17 08:57 hewitson

      * classes/: @ao/cohere.m, @ao/lcohere.m, @ao/lpsd.m,
       @plist/getDefaultAxisPlist.m: Make sure factory plists are copied
       before attempting to modify them.

2011-12-16 13:11 nicolodi

      * classes/+utils/@repository/getCollectionIDs.m: Add missing
       semicolon

2011-12-16 11:20 nicolodi

      * classes/: @collection/fromRepository.m,
       @ltpda_uo/fromRepository.m: Add defaults to fromRepository user
       supplied plists

2011-12-16 10:32 mauro

      * m/built_in_models/ao/ao_model_retrieve_in_timespan.m: We need to
       copy the factory plist, because it is read-only.

2011-12-16 10:09 hewitson

      * classes/@ltpda_uo/convertSinfo2Plist.m: In order to support the
       old sinfo structure (which is used in many unit tests) we need to
       pass the connection out in the plist as well. Since the new
       database connection manager doesn't cache the connections and
       doesn't support the 'no selector' key, we need to ensure that the
       connection passed in from the unit tests ends up in the plist
       passed to connect(). In the old system, this was kind of working
       by accident.

2011-12-16 07:54 mauro

      * classes/@ao/elementOp.m: Clarified error message

2011-12-15 20:01 mauro

      * classes/@ao/elementOp.m: Introduce the possibility to add and
       subtract objects that are equivalent in terms of SI units.
       Example: [N] <-> [kg m s^-2] Note that [nN] is not equivalent to
       [N], though.

2011-12-15 15:13 nicolodi

      * html_help/help/ug/: repo_retrieve_content.html,
       repo_submit_content.html: Adjust markup

2011-12-15 14:54 nicolodi

      * html_help/help/ug/: repo_connect_content.html,
       repo_submit_content.html: Update User Guide

2011-12-15 14:09 hewitson

      * classes/@ltpda_uo/fromRepository.m: Added the '...' to supress a
       warning which appears on 2012a (not sure if this warning was

being thrown on earlier versions).

2011-12-15 14:08 hewitson

* classes/: @ltpda_uo/bsubmit.m, @ao/psd.m, @ltpda_uo/submit.m,
@ltpda_uo/update.m: Copy the factory plist before modifying it.

2011-12-15 14:08 hewitson

* classes/@plist/plist.m: + Added a new readonly property + Add a
rule which stops readonly plists being modified + factory plists
are all persistent and readonly now

** This may break many things where factory plists have been used
and modified without copying. In those cases, we will need to add
the copying step.

2011-12-15 14:06 hewitson

* classes/: @paramValue/paramValue.m, @paramValue/setReadonly.m,
@param/param.m, @param/setReadonly.m: Add a readonly flag with a
setter method which is public but hidden.

2011-12-15 13:55 nicolodi

* classes/+utils/@jmysql/: connect.m, dbquery.m, displayResults.m,
getsinfo.m, jmysql.m, query.m, resultsToCell.m: Remove unused
functions from utils.jmysql. Deprecate utils.jmysql.getsinfo()

2011-12-15 13:53 nicolodi

* classes/+utils/@repository/: getObjectMetaData.m, repository.m:
Add utils.repository.getObjectMetaData() as replacement for
utils.jmysql.getsinfo()

2011-12-15 13:24 hewitson

* m/helper/mc.m: Typo fix so that mc works again.

2011-12-15 13:09 nicolodi

* makeToolbox.m: Do not install LoginDialog.jar

2011-12-15 13:02 mauro

* classes/+utils/@modules/buildModule.m: A little nicer, I hope

2011-12-15 13:00 mauro

* classes/@matrix/: psd.m, split.m: Code harmonization

2011-12-15 13:00 mauro

* classes/@matrix/matrix.m: I think the constructor fromValues
should be private.

2011-12-15 08:24 hewitson

* classes/@unit/toSI.m: Bug fix: we need to ensure that the
prefixes are preserved from each of the input units.

2011-12-15 08:08 hewitson

* classes/@unit/toSI.m: Bug fix: ensure the prefix is carried over
to the first element of each converted SI unit.

2011-12-14 13:44 mauro

  * classes/+utils/@modules/buildModule.m: Bug fixes: make sure we
    close the open file; cd into the destination folder and back to
    avoid Java issue in handling ~ as a folder

2011-12-14 09:51 hewitson

  * classes/@ltpda_uoh/fromRepository.m: Bug fix: I think we need to
    pass the user plist to setObjectProperties.

2011-12-13 13:25 nicolodi

  * jar/lib/: jcommon-1.0.8.jar, mysql-connector-java-5.1.6-bin.jar,
    swing-layout-1.0.4.jar: Sorry. I made some confusion and remove
    the wrong files. Adding them back

2011-12-13 13:03 nicolodi

  * jar/.cvsignore: Ignore files copied over by makeToolbox

2011-12-13 12:46 nicolodi

  * jar/lib/swing-layout-1.0.4.jar: Remove one more copied file

2011-12-13 12:41 ingo

  * test/draftConvert128_3toAOs.m: Remove draft. Have a look to the
    OMS test campaign

2011-12-13 12:41 nicolodi

  * jar/: DataTable.jar, LoginDialog.jar, MPipeline.jar,
    lib/jcommon-1.0.8.jar, lib/mysql-connector-java-5.1.6-bin.jar:
    Remove files copied over by makeToolbox. It does not make sense
    to have two copies of them

2011-12-13 11:12 nicolodi

  * jar/lib/swing-layout-1.0.4.jar: Add swing-layout library version
    1.0.4

2011-12-13 11:03 nicolodi

  * jar/lib/swing-layout-1.0.3.jar: Remove old swing-layout library

2011-12-13 10:56 nicolodi

  * classes/: +utils/@repository/createCollection.m,
    +utils/@repository/getCollectionIDs.m,
    +utils/@repository/repository.m, @ltpda_uo/submit.m: Support new
    database collections representation

2011-12-13 10:54 nicolodi

  * classes/@collection/fromRepository.m,
    classes/@ltpda_uo/fromRepository.m, classes/@ltpda_uo/submit.m,
    classes/@ltpda_uo/update.m,
    m/built_in_models/ao/ao_model_retrieve_in_timespan.m: Use
    onCleanup handler to close database connections

2011-12-13 10:53 nicolodi

  *
    classes/@LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
    Fix credentials expiry handling

2011-12-13 10:52 nicolodi

      *
          classes/@LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
          Extend LTPDADatabaseConnectionManager.clear() with the
          possibility to clear specific cache entries

2011-12-13 10:52 nicolodi

      * classes/+utils/@credentials/credentials.m: Extend
        credentials.disp() to show expiry time

2011-12-13 10:51 nicolodi

      * classes/@plist/plist.m: Avoid duplication in database connection
        plist definitions

2011-12-13 10:50 nicolodi

      * classes/@plist/plist.m: Fix. Default password should be [] not an
        empty string

2011-12-13 10:44 nicolodi

      * classes/:
        @LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m,
        @ltpda_uo/retrieve.m: Cleanup

2011-12-13 10:43 nicolodi

      *
          classes/@LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
          Report authentication errors to user

2011-12-13 10:42 nicolodi

      * classes/+utils/@mysql/connect.m: User friendlier errors from
        utils.mysql.connect

2011-12-13 10:40 nicolodi

      * classes/tests/database/@ltpda_ao_table/test_ao_data_id.m: Keep
        backtrace on error

2011-12-13 10:38 nicolodi

      * classes/tests/@ltpda_test_runner/run_test_list.m: Show backtrace
        on unit test errors

2011-12-13 10:37 nicolodi

      * classes/@ltpda_uo/submitDialog.m: Remove commented-out code

2011-12-13 10:36 nicolodi

      * classes/@LTPDAprefs/: cb_guiClosed.m, loadPrefs.m: Suppress
        output messages on preferences loading and saving

2011-12-13 10:34 nicolodi

      *
          classes/@LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
          Add known repositories list to LTPDAPreferences

2011-12-13 10:32 nicolodi

* makeToolbox.m: Update makeToolbox

2011-12-13 10:31 nicolodi

    * classes/@LTPDAworkbench/: LTPDAworkbench.m, cb_launchRepogui.m,
    cb_openRepoManagerGUI.m, cb_queryRepository.m,
    cb_submitObjects.m: Update LTPDAworkbench

2011-12-13 10:30 nicolodi

    * classes/@workspaceBrowser/: cb_query.m, cb_retrieve.m,
    retrieveObjectsFromDialog.m, workspaceBrowser.m: Update
    workspaceBrowser

2011-12-13 10:24 nicolodi

    * m/helper/LTPDARepositoryManagerGui.m: Remove
    LTPDARepositoryManager implementation

2011-12-13 10:21 nicolodi

    * m/: etc/ltpda_startup.m, helper/mc.m: Remove
    LTPDARepositoryManager initialization

2011-12-13 10:14 nicolodi

    * classes/tests/database/: @ltpda_ao_table/test_ao_data_id.m,
    @ltpda_cdata_table/getTableEntry.m,
    @ltpda_database/executeQuery.m,
    @ltpda_database/getDataIdFromAoTable.m,
    @ltpda_database/getTableEntry.m, @ltpda_database/init.m,
    @ltpda_database/ltpda_database.m,
    @ltpda_fsdata_table/getTableEntry.m,
    @ltpda_tsdata_table/getTableEntry.m,
    @ltpda_xydata_table/getTableEntry.m: Update tests

2011-12-13 10:13 nicolodi

    * classes/: +utils/@repository/adjustPlist.m,
    +utils/@repository/repository.m, @collection/fromRepository.m,
    @ltpda_uo/fromRepository.m: Properly record history in
    fromRepository constructors

2011-12-13 10:10 nicolodi

    * classes/: @ao/ao.m, @collection/collection.m,
    @filterbank/filterbank.m, @matrix/matrix.m, @mfir/mfir.m,
    @miir/miir.m, @parfrac/parfrac.m, @pest/pest.m, @plist/plist.m,
    @pzmodel/pzmodel.m, @rational/rational.m, @smodel/smodel.m,
    @ssm/ssm.m, @timespan/timespan.m: Update check for repository
    connection parameters in constructors

2011-12-13 10:08 nicolodi

    * classes/@collection/fromRepository.m: Update
    collection.fromRepository

2011-12-13 10:07 nicolodi

    * classes/@ltpda_uo/update.m: Update ltpda_uo.update

2011-12-13 10:07 nicolodi

    * classes/@ltpda_uo/submit.m: Update ltpda_uo.submit

2011-12-13 10:06 nicolodi

> * classes/@ltpda_uo/fromRepository.m: Update
>   ltpda_uo.fromRepository

2011-12-13 10:05 nicolodi

> * classes/@plist/plist.m: Update plist.FROM_REPOSITORY_PLIST and
>   plist.TO_REPOSITORY_PLIST

2011-12-13 10:04 nicolodi

> * m/built_in_models/ao/ao_model_retrieve_in_timespan.m: Update
>   ao_model_retrieve_in_timespan

2011-12-13 10:03 nicolodi

> * classes/+utils/@jmysql/: connect.m, dbquery.m, getsinfo.m,
>   query.m, resultsToCell.m: Update utils.jquery

2011-12-13 10:02 nicolodi

> * classes/+utils/@jmysql/: jmysql.m, queryDialog.m, submitDialog.m:
>   Remove broken functions from utils.jmysql

2011-12-13 09:51 nicolodi

> * classes/+utils/@jmysql/: dbconnTojconn.m, execute.m,
>   getRepositoryVersion.m, getUserID.m, getXdoc.m, insert.m,
>   jconnTodbconn.m, jmysql.m: Remove unused functions from
>   utils.jmysql

2011-12-13 09:48 nicolodi

> * classes/+utils/: @jmysql/insertObjMetadata.m,
>   @jmysql/insertObjMetadataV1.m, @jmysql/updateObjMetadata.m,
>   @jmysql/updateObjMetadataV1.m, @repository/insertObjMetadata.m,
>   @repository/insertObjMetadataV1.m, @repository/repository.m,
>   @repository/updateObjMetadata.m,
>   @repository/updateObjMetadataV1.m: Move more functions to
>   utils.repository

2011-12-13 09:37 nicolodi

> * classes/@ltpda_uo/retrieve.m: Use utils.repository utilities

2011-12-13 09:35 nicolodi

> * classes/+utils/@repository/: getCollectionIDs.m, getObjectType.m,
>   getUser.m, repository.m: Add LTPDA Repository utility functions
>   into utils.repository

2011-12-13 09:27 nicolodi

> * classes/@ltpda_uo/retrieve.m: Check for binary only objects

2011-12-13 09:26 nicolodi

> * classes/@ltpda_uo/retrieve.m: Remove dead code

2011-12-13 09:22 nicolodi

> * classes/@ltpda_uo/retrieve.m: Clarify ltpda_uo.retrieve
>   parameters handling

2011-12-13 09:19 nicolodi

* classes/@ltpda_uo/retrieve.m: Make ltpda_up.retrieve work with
  java.sql.Connection objects

2011-12-13 09:17 nicolodi

* classes/+utils/@mysql/: execute.m, mysql.m: Add
  utils.mysql.execute

2011-12-13 09:14 nicolodi

*
  classes/@LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
  Integrate LTPDADatabaseConnectionManager with LTPDAPreferences

2011-12-13 09:03 nicolodi

* classes/: +utils/@credentials/credentials.m,
  +utils/@mysql/connect.m, +utils/@mysql/mysql.m,
  @LTPDADatabaseConnectionManager/LTPDADatabaseConnectionManager.m:
  Add LTPDADatabaseConnectionManager implementation. Matlab code

2011-12-13 08:45 nicolodi

* classes/+utils/@mysql/: connect.m, dbquery.m, getAOsInTimeSpan.m,
  getMD5hash.m, getMaxId.m, getObjIds.m, getObjType.m,
  getRepositoryVersion.m, getUserID.m, getXdoc.m, getsinfo.m,
  insert.m, logindlg.m, mysql.m: Remove old code

2011-12-12 12:54 luigi

* classes/+utils/@math/KSpValue.m: this util will be removed till a
  recoding

2011-12-12 12:52 luigi

* classes/: +utils/@math/kstest.m, @ao/kstest.m: removed the call
  to KSpValue which will be not supported till a recoding this does
  not alter the result of the test

2011-12-12 08:35 hewitson

* classes/@ao/: ao.m, bicohere.m, cohere.m, cpsd.m, psd.m, tfe.m,
  welch.m, welchparse.m, welchscale.m, xspec.m: Remove the old
  welch code and use the new stuff exclusively.

2011-12-12 08:29 hewitson

* classes/@ao/firwhiten.m: Just removed old help text from the end
  of the file because it was triggering my grep for 'welch'.

2011-12-07 11:19 luigi

* classes/@ao/fftfilt.m, classes/@ao/fftfilt_core.m,
  test/test_ao_fftfilt.m: included in fftfilt the possibility to do
  freq domani filtering with options lowpass, highpass, bandpass,
  bandreject fftfilt_core was modified to include the new features
  utp_ao_fftfilt was modified accordingly a simple test on white
  noise of the new features was introduced in test_ao_fftfilt

2011-12-05 08:40 hewitson

* classes/@matrix/fromInput.m: Updated to current best practices
  regarding use of callerIsMethod and applyDefaults.

2011-12-02 10:15 hewitson

* classes/+utils/@models/built_in_model_template.m: Changes to the
    model template to reflect best practices and to make it explicit
    to developers how to handle plists within models.

2011-12-02 10:05 hewitson

  * classes/@ltpda_uoh/fromModel.m: Make a check on the plist before
    we call setObjectProperties. We remove the global keys if they
    are still empty because sometimes these properties are set inside
    the models.

2011-12-02 10:04 hewitson

  * classes/@ltpda_uo/fromModel.m: Pass the plist from the model back
    to to the subclass call in case it was modified.

2011-12-02 10:03 hewitson

  * classes/@ltpda_uoh/ltpda_uoh.m: Bug fix: removing the 'plotinfo'
    was missing.

2011-12-02 10:03 hewitson

  * classes/+utils/@models/mainFnc.m: Remove the copying of the
    plist. We have to push the copying to the models because in some
    cases the modified plist should end up in the history (cases
    where random noise generators are used).

2011-12-02 10:02 hewitson

  * classes/@ssm/ssm.m: Bug fix: the factory plist should be combined
    with the one containing the global keys.

2011-12-02 08:08 hewitson

  * classes/@ao/wosa.m: Bug fix: a variable had the wrong name.

2011-12-01 10:41 hewitson

  * classes/+utils/@math/: math.m, welchscale.m: Moved welchscale to
    utils.math because this is not ao related at all.

2011-12-01 10:35 hewitson

  * classes/@ao/cohere.m: added the temporary plist option to select
    the old method.

2011-12-01 10:35 hewitson

  * classes/@ao/wosa.m: implemented cohere and mscohere.

2011-12-01 10:01 hewitson

  * classes/@ao/tfe.m: Added a temporary plist key to switch between
    new and old estimation methods.

2011-12-01 10:01 hewitson

  * classes/@ao/wosa.m: Implements tfe now.

2011-12-01 09:51 hewitson

  * classes/@ao/cpsd.m: Added a temporary plist key to switch between
    new and old estimation methods.

2011-12-01 09:51 hewitson

    * classes/@ao/xspec.m: Use the new wosa method if the plist so
      instructs.

2011-12-01 09:50 hewitson

    * classes/@ao/wosa.m: Added some more help comments. Added cpsd
      calculation. Fixed bug in cross-spectrum calculation.

2011-12-01 09:30 hewitson

    * classes/@ao/ao.m: declare the new static private wosa method.

2011-12-01 09:30 hewitson

    * classes/@ao/psd.m: Modify psd to use the new wosa method. There
      is a plist to flip back to the old method just for testing. We'll
      remove the plist option later.

2011-12-01 09:29 hewitson

    * classes/@ao/wosa.m: Beginning our own implementation of Welch's
      overlapped average algorithm to produce spectral estimates. So
      far it only handles PSD.

2011-11-30 07:49 hewitson

    * classes/@ltpda_uo/retrieve.m: Bug fix: there was an assumption
      that a result of the query to get the binary object always
      results in a non-empty result. This is not always the case so the
      variable 'dd' needs to be defined. Bug fix: if retrieving fails
      then the connection should be unlocked in the catch clause.
      Don't print out a custom error message since we display the real
      error anyway.

2011-11-24 14:50 nikos

    * classes/+utils/@math/: math.m, rjsample.m: some small changes in
      plotting

2011-11-20 20:15 mauro

    *
      classes/tests/models/@ltpda_builtin_model_utp/test_builtin_model_versions.m:
      I think that the name should be identical in the built <->
      rebuilt object

2011-11-20 20:13 mauro

    *
      classes/tests/models/@ltpda_builtin_model_utp/test_builtin_model_version.m:
      Added messages on assert steps

2011-11-18 19:32 mauro

    *
      classes/tests/models/@ltpda_builtin_model_utp/test_builtin_model_versions.m:
      Clarified message on assert steps

2011-11-18 19:30 mauro

    * classes/tests/@ltpda_uoh_tests/test_history_setName.m: The
      setName is now a method of the ltpda_uo class Added description
      message on assert steps

2011-11-18 11:33 hewitson

    * classes/@ao/map3D.m: some simplifications and bug fixes (which I
      forgot to copy over before committing).

2011-11-18 11:33 hewitson

    * classes/@ao/map3D.m: A new method which maps the input 1 or 2D
      objects to a 3D object. Fairly simple at the moment, but more
      features could be added.

2011-11-18 09:09 mauro

    * classes/@ltpda_uo/update.m: Variable name change

2011-11-18 09:08 mauro

    * classes/@ltpda_uo/submit.m: Variable name change Fixed bug
      checking the fields Added 'author' to the field checking list

2011-11-16 16:21 nikos

    * classes/: @ao/mcmc.m, @matrix/mcmc.m: update utp for ao.mcmc

2011-11-16 09:52 nikos

    * classes/: +utils/@math/loglikelihood_ssm.m,
      @matrix/modelselect.m, +utils/@math/loglikelihood_matrix.m,
      +utils/@math/mhsample.m, +utils/@math/rjsample.m,
      +utils/@math/stnr.m: Added SNR to all cases, store Loglikelihoods
      to procinfo for modelselect

2011-11-16 09:26 mauro

    * classes/@ltpda_uoh/rebuild.m: Use utils.helper.setoutputs to set
      the outputs Cosmetics

2011-11-16 09:25 mauro

    * classes/@history/rebuild.m: Cosmetics

2011-11-16 08:55 mauro

    *
      classes/tests/database/@ltpda_objmeta_table/test_objmeta_author.m:
      Changed to: - report what went wrong in the assert tests - the
      'username' field is now expected to be non-empty

2011-11-11 16:21 luigi

    * classes/@ao/: firwhiten.m, smoother.m: added the call to
      callerIsMathod which was missing

2011-11-10 10:47 mauro

    * classes/@ltpda_uo/submitDialog.m: Fixed a bug similar to the one
      I had introduced

2011-11-10 10:22 mauro

    * classes/@ltpda_uo/update.m: The last commit was really stupid, I
      did not notice the _. Reverted back. Thank you Daniele.

2011-11-10 09:37 mauro

    * classes/@ltpda_uo/update.m: I am not sure why we needed to check

twice for some parameters.

2011-11-09 20:58 mauro

   * classes/@ltpda_uo/: submit.m, update.m: Insert the username of
     the submitter as the 'author' field in the 'objmeta' table.
     Currently there is no easy way to insert this info.

2011-11-09 19:47 mauro

   * classes/+utils/@jmysql/updateObjMetadata.m: The toffset field was
     not updated Harmonize behavior with insertObjMetadata

2011-11-09 19:45 mauro

   * classes/+utils/@jmysql/insertObjMetadata.m: When inserting a
     tsdata object, we have to ensure that the table tsdata contains a
     t0 value that corresponds to the actual absolute position of the
     starting x-value. The toffset value is inserted so to allow
     reconstruction of the object t0. This ensure back-compatibility
     ('old' clients reading 'new' dbs)

2011-11-07 21:51 mauro

   * classes/+utils/@jmysql/insertObjMetadata.m: Inserted version
     string

2011-11-07 21:50 mauro

   * classes/+utils/@jmysql/updateObjMetadata.m: Harmonized with
     +utils/@jmysql/insertObjMetadata Inserted version string

2011-11-07 21:34 mauro

   * classes/@ltpda_uo/update.m: Harmonized with ltpda_uo.submit

2011-11-07 21:11 mauro

   * classes/@ltpda_uo/submit.m: Cosmetics

2011-11-07 19:57 mauro

   * classes/@ltpda_uo/submit.m: Removed sprintf in error Cosmetics

2011-11-07 19:55 mauro

   * classes/@ltpda_uo/bsubmit.m: Minor changes

2011-11-07 16:34 miquel

   * classes/@ao/gapfilling.m: bug fix: removal of fs in the
     computation of start and end time of the two timeseries setting
     the 't0' of the output object

2011-11-04 22:11 mauro

   * classes/@tsdata/tsdata.m: Making the internal representation
     starting always from 0, regardless of the data being evenly
     sampled or not. This should have no effect to the user, who will
     keep interacting with the 'x' method.

2011-11-04 22:08 mauro

   * classes/@tsdata/tsdata.m: Removed duplicated command

2011-11-02 07:41 hewitson

* classes/@pz/pz.m: Bug fix (again). This fix for the case of Q<0.5
  was applied in an earlier version but then got removed again for
  some reason.

2011-10-25 13:50 luigi

* classes/@parfrac/parfrac.m: the error when a empty direct term is
  provided was substituted by a set to drect term equal to zero

2011-10-24 10:21 nikos

* classes/: +utils/@math/rjsample.m, @matrix/modelselect.m: Added
  1input/1output case to modelselect, modified rjsample function to
  be a little faster (replaced eval functions).

2011-10-24 09:33 nikos

* classes/: +utils/@math/loglikelihood_matrix.m,
  +utils/@math/loglikelihood_ssm.m, @ao/mcmc.m, @matrix/mcmc.m:
  ao.mcmc now passes objects to matrix.mcmc. Easier to mantain the
  codes that way. Added case 1input/1output to matrix.mcmc,
  loglikelihood_ssm & matrix.

2011-10-13 14:43 hewitson

* classes/@matrix/mtimes.m: Bug fix: allow mtimes to work with
  cdata objects as well.

2011-10-12 22:30 mauro

* classes/@ao/fromDatafile.m: When reading from file during the
  header scan, make sure to perform some error checking before
  continuoing

2011-10-12 18:41 hewitson

* m/helper/keys.m: Some improvements. You can now do

  keys('ao')

  to get constructor keys.

2011-10-12 18:37 hewitson

* m/helper/keys.m: A helper function to list the keys and parameter
  sets for methods. For example,

  keys('ao', 'iplot') keys('miir', 'resp')

2011-10-11 17:34 nikos

* classes/@pest/mcmcPlot.m: small typos

2011-10-11 16:37 nikos

* classes/@pest/mcmcPlot.m: simple tool to plot mcmc pest objects

2011-10-07 15:44 nikos

* classes/+utils/@math/rjsample.m: rjmcmc/rjsample (dimension
  matching issues update)

2011-10-07 10:19 miquel

* classes/@matrix/crb.m: include 1x1 option in crb method

2011-10-07 10:19 miquel

    * classes/+utils/@math/math.m: adding new functions fisher matrix
      functions in math.m

2011-10-07 10:17 miquel

    * classes/+utils/@math/: diffStepFish_1x1.m, fisher_1x1.m: adding
      1input/1output functions for the fisher matrix

2011-10-06 07:21 hewitson

    * classes/@ao/select.m: The last change to this (removing the
      collapseX) meant that the nsecs was not recomputed. We do this
      with fixNsecs.

2011-10-05 17:43 ingo

    * classes/@ao/split.m: bug fixes: - The tsdata/setX sets the
      toffset to 0 so that it is necessary to use the getX method
      because the getter add the toffset to the x-vector

2011-10-05 14:04 ingo

    * classes/@ao/find.m: kind of bug fix: Remove the command line
      which sets the y-values again.

2011-10-05 14:03 ingo

    * classes/@data2D/setXY.m: Call the setX and setY function instead
      of setting the values direct.

2011-10-05 14:02 ingo

    * classes/@data2D/setX.m: Move the special part which happen only
      to a tsdata object to the overloaded function.

2011-10-05 14:01 ingo

    * classes/@tsdata/setX.m: New method which calls the super-class
      method and sets the toffset to 0.

2011-10-05 12:33 ingo

    * classes/@ao/find.m: bug fix: It is necessary to set the toffset
      to 0 because the x-vector still contain the toffset (we use getX
      to get the x-vector)

2011-10-05 11:52 ingo

    * classes/@tsdata/: loadobj.m, saveobj.m: Handel the adding and
      subtracting the toffset to/from t0

2011-10-05 11:50 ingo

    * classes/@ltpda_uoh/fromFile.m: - Remove the t0 fix for the MAT
      part because we moved this into the MATLAB functions
      tsdata/saveobj and tsdata/loadobj. This allows also the MATLAB
      load function instead the AO constructor. - Remove a redundant
      PLIST combine step

2011-10-05 11:49 ingo

    * classes/@ltpda_uo/save.m: - Remove the t0 fix for the MAT part
      because we moved this into the MATLAB functions tsdata/saveobj

and tsdata/loadobj. This allows also the MATLAB load function instead the AO constructor.

2011-10-05 08:40 hewitson

  * html_help/help/ug/ltpda_training_topic_1_7_content.html: Fixed typo.

2011-10-05 08:38 hewitson

  * classes/@ao/fromDatafile.m: Apply some defaults to xunits for tsdata and fsdata if the user doesn't specify any xunits.

2011-09-30 10:33 ingo

  * classes/@ltpda_uoh/setPropertyValue.m: bug fix: add the check for the minfo object also in the ltpda_uoh class.

2011-09-29 16:04 ingo

  * classes/@ao/split.m: remove the 'timeshift' option from all sets.

2011-09-29 16:03 ingo

  * classes/: @ltpda_uo/setPropertyValue.m, @ltpda_uoh/setPropertyValue.m: bug fix: Move the getInfo part from the ltpda_uoh class to the super class: ltpda_uo because PLIST methods also ask for minfo objects.

2011-09-29 14:09 ingo

  * classes/@tsdata/setFs.m: bug fix: It is necessary to compute new 'nsecs' if we have even sampled data.

2011-09-29 14:04 ingo

  * classes/@ltpda_filter/setHistout.m: bug fix: Add additional output to the processSetterValues.

2011-09-27 12:40 nikos

  * classes/: +utils/@math/rjsample.m, @matrix/modelselect.m: some minor changes (rjmcmc)

2011-09-27 10:22 nikos

  * classes/+utils/@math/math.m: adapt to recent changes (rjmcmc)

2011-09-27 10:20 nikos

  * classes/@matrix/modelselect.m: method to compute the bayes factors for an array of input models.

2011-09-27 10:20 nikos

  * classes/+utils/@math/rjsample.m: reverse jump mcmc (update)

2011-09-22 22:12 nikos

  * classes/+utils/@math/math.m: adapt to recent changes (rjmcmc)

2011-09-22 22:09 nikos

  * classes/@matrix/modelselect.m: preprocessing data for rjmcmc

2011-09-22 22:07 nikos

* classes/+utils/@math/rjsample.m: reverse jump mcmc function for
  model selection

2011-09-19 08:19 miquel

  * classes/: +utils/@math/fisher_2x2.m, @matrix/crb.m: change call
    to functions

2011-09-19 08:18 miquel

  * classes/+utils/@math/math.m: changing call definitions for
    'fisher_2x2' and 'diffStepFish'

2011-09-19 08:17 miquel

  * classes/+utils/@math/diffStepFish.m: new working version. Adds
    criterion to return the best differentiation step based on the
    diff of the determinant of the Fisher matrix

2011-09-17 05:25 hewitson

  * classes/@ltpda_uoh/setProcinfo.m: Oops. Bug fix: typo in the
    property being set.

2011-09-17 05:09 hewitson

  * classes/@ltpda_uo/processSetterValues.m: Fix help.

2011-09-17 05:09 hewitson

  * classes/: @ao/setToffset.m, @filterbank/setIunits.m,
    @filterbank/setOunits.m, @pzmodel/setGain.m: Adapt to the new
    signature of processSetterValues.

2011-09-16 13:38 hewitson

  * classes/: @pzmodel/setDelay.m, @timespan/setEndT.m,
    @timespan/setStartT.m: Use the new signature for
    processSetterValues.

2011-09-16 13:36 luigi

  * m/built_in_models/ssm/ssm_model_HARMONIC_OSC_1D.m: added a new
    version allowing to create a model with symbolic parameters

2011-09-16 07:04 hewitson

  * classes/: @ltpda_uoh/setDescription.m, @ltpda_uoh/setMdlfile.m,
    @ltpda_uoh/setName.m, @plist/setDescription.m,
    @plist/setMdlfile.m, @plist/setName.m: These are now implemented
    in the proper class.

2011-09-16 07:04 hewitson

  * classes/: @ao/setReferenceTime.m, @ltpda_tf/setIunits.m,
    @ltpda_tf/setOunits.m: Adjust to the new signature of
    processSetterValues. These will be converted to use the new
    generic setter later.

2011-09-16 07:02 hewitson

  * classes/: @ltpda_uoh/setPlotinfo.m, @ltpda_uoh/setProcinfo.m,
    @ao/setDx.m, @ao/setDy.m, @ao/setFs.m, @ao/setT0.m, @ao/setX.m,
    @ao/setXunits.m, @ao/setY.m, @ao/setYunits.m, @ao/setZ.m,
    @ao/setZunits.m, @smodel/setYunits.m: Implemented using the new

generic setter method.

2011-09-16 07:01 hewitson

* classes/@ltpda_uoh/setObjectProperties.m: Cleaned up some
commented out code.

2011-09-16 07:01 hewitson

* classes/@ltpda_uoh/setPropertyValue.m: The subclass
implementation of setPropertyValue which calls super and handles
the history.

2011-09-16 07:01 hewitson

* classes/@ltpda_uo/setPropertyValue.m: A new method for setting a
property value. This allows us to make fairly generic setter
methods.

2011-09-16 07:00 hewitson

* classes/@ltpda_uo/: setDescription.m, setMdlfile.m, setName.m:
Implement these setters in the correct class.

2011-09-16 06:59 hewitson

* classes/: @ltpda_uo/processSetterValues.m,
@plist/processSetterValues.m: Make the super-class and override
have the same signature.

2011-09-16 06:59 hewitson

* classes/@ltpda_uoh/ltpda_uoh.m: Declare setPropertyValue
protected.

2011-09-16 06:59 hewitson

* classes/@ltpda_uo/ltpda_uo.m: Remove public method declarations
and declare setPropertyValue protected.

2011-09-16 06:58 hewitson

* classes/@ao/timeshift.m: Added a comment to the help text.

2011-09-15 13:50 hewitson

* classes/@miir/fromAB.m: Bug fix: we don't want to set 'a' and 'b'
again because we do some processing on the values without setting
the values back to the plist. And anyway, there's no point in
setting them twice, or 'fs' for that matter.

2011-09-07 16:19 ingo

* classes/@ao/split.m: bug fix? The AO method 'X' already returns
the toffset. So it is not necessary to consider the offset in the
start and end time. or?

2011-09-07 16:13 ingo

* classes/@ao/timeshift.m: bug fix: Change the default value of the
'offset' option from [] to 0.

2011-09-07 16:12 ingo

* classes/+utils/@jmysql/insertObjMetadata.m: Add the meta data
'toffset' to the database

2011-09-02 13:42 ingo

    * classes/@ao/getAbsX.m: delete method

2011-09-02 13:12 ingo

    * classes/@ao/setReferenceTime.m: Update header information.

2011-09-02 13:11 ingo

    * classes/@ao/join.m: Some update due to the new property 'toffset'

2011-09-02 13:10 ingo

    * classes/@time/parse.m: bug fix: The time zones GMT+1, gmt-1, ...
      didn't work. But in the preferences can we choose one of this
      time zones.

2011-09-02 13:05 ingo

    * classes/@ltpda_data/setYunits.m: bug fix: typo -> The output
      variable had the name 'oby' instead of 'obj'

2011-09-02 12:58 ingo

    * classes/@ao/getAbsX.m: new method which returns the absolute x
      value of a time series analysis object

2011-08-24 12:17 hewitson

    * classes/@ltpda_uo/submit.m: Bug fix: the name of the variable
      holding the filename of the sinfo xml file was wrong. When did
      this change? How did it ever work?

2011-08-24 09:29 hewitson

    * classes/@matrix/psd.m: New wrapped version of psd for the matrix
      class. Each object is just passed on to psd of the object class.
      No checks are made yet on the class of the internal objects.

2011-08-24 09:29 hewitson

    * classes/@ao/psd.m: Add callerIsMethod check to avoid adding
      history

2011-08-24 08:06 hewitson

    * classes/@minfo/tohtml.m: Minor modification to display which
      looks better when the method is part of a package.

2011-08-23 16:12 hewitson

    * classes/@ao/split.m: I think this is the correct logic for
      handling the toffset field. Now we need to understand why the
      tests fail (they failed before this change and after it). At
      least my private test cases are passing.

2011-08-23 15:51 hewitson

    * classes/@matrix/: fixfs.m, resample.m: Two new methods wrapping
      the equivalent ao methods.

2011-08-23 15:51 hewitson

    * classes/@matrix/split.m: Call the wrapper method to apply split

to the internal objects.

2011-08-23 15:50 hewitson

    * classes/@matrix/matrix.m: Declare wrapper() as private.

2011-08-23 15:50 hewitson

    * classes/@matrix/wrapper.m: A new wrapper method which let's us
    quickly and easily create wrapper methods for the internal
    objects.

2011-08-23 15:49 hewitson

    * classes/@ao/interp.m: Clean up accessing the data. Add a reset
    of the toffset because this value is included in the x-values. If
    we don't reset it to 0 here then it gets doubled when we collapse
    later.

2011-08-23 15:48 hewitson

    * classes/@ao/fixfs.m: We only take the initial time from the first
    data point in the case that the data is unevenly sampled.
    Otherwise this value is returned from fitfs. This all seems a
    little messy and fragile. We need to revisit this.

2011-08-23 14:37 hewitson

    * classes/@matrix/split.m: Also get the sets by calling getInfo

2011-08-23 14:35 hewitson

    * classes/@matrix/split.m: Fix typos in help header and add a
    comment that this is a wrapper. Also call ao.getInfo('split') for
    the default plists.

2011-08-23 12:53 hewitson

    * classes/@ltpda_uoh/setObjectProperties.m: Don't loop over the
    objects. Let the setters do that.

2011-08-23 12:52 hewitson

    * classes/@ltpda_uoh/: setName.m, setPlotinfo.m: Properly process
    the input values even if the caller is a method.

2011-08-22 07:57 hewitson

    * classes/@timespan/fromTimespanDef.m: Get the values from the
    processed plist. Add exceptions to the setObjectProperties step
    since we set startT and endT in the constructor code explicitely.

2011-08-22 07:56 hewitson

    * classes/@timespan/timespan.m: Changed the default value for
    STARTT and ENDT to a string so that the parse step in apply
    defaults doesn't result in []. The MATLAB result for
    eval('14:00') is []. Since the default value for these properties
    is a double, then parse tries to eval a string to get a double.
    Unfortunately the eval of '14:00' doesn't fail but just produces
    []. I guess it's being interpreted as the range 14 to 0. This
    change can be debated, and maybe we should find a better way.

2011-08-22 07:23 hewitson

    * classes/@ao/ao.m: Moved the plotinfo key to the ltpda_uoh class.

2011-08-22 07:23 hewitson

> * classes/@ltpda_uoh/ltpda_uoh.m: it should be possible to set the
> plotinfo for any ltpda_uoh object. So we move the key from the ao
> class to the ltpda_uoh class.

2011-08-22 07:22 hewitson

> * classes/@ltpda_uo/ltpda_uo.m: Bug fix. I think we want the global
> keys (name, description, etc) to be in all plists, don't we?

2011-08-22 07:22 hewitson

> * classes/@pest/pest.m: Added missing yunits property. We have
> tests where we set the yunits, so we must have the key in the
> plist.

2011-08-17 09:01 hewitson

> * classes/@ao/fromFcn.m: Added some comments.

2011-08-17 09:01 hewitson

> * classes/@smodel/fromExpression.m: Simplify this constructor and
> employ the new exception input to setObjectProperties to avoid
> trying to reset properties we already set.

2011-08-17 09:00 hewitson

> * classes/@ao/fromDatafile.m: Calling the data setters for the
> units was a bad idea because they have non of the logic to handle
> cell inputs. Another example of why it's bad to have the setter
> logic distributed over different methods.

2011-08-17 08:35 hewitson

> * classes/@ao/: setXunits.m, setYunits.m: Handle similar logic in
> both caller is method and not. Otherwise we get big problems when
> calling setXunits in constructor methods. This is a stop-gap
> solution until we implement a more uniform setter system.

2011-08-17 08:33 hewitson

> * classes/@ltpda_uoh/setObjectProperties.m: Support an optional
> cell-array of exceptions. The idea is that if you have already
> processed/set an object property from the plist values, then you
> don't need to (and probably shouldn't) set it again with this
> method.

2011-08-16 10:22 hewitson

> * classes/@ao/mcmc.m: The default for Tc should be an empty double
> rather than a string.

2011-08-16 10:18 hewitson

> * classes/@ao/fromDatafile.m: Set T0 only on supported data types.

2011-08-16 08:13 hewitson

> * classes/@ao/fromTSfcn.m: Revert the code setting the time values.
> It seems changing the shape here makes big problems. I don't like
> that we are so dependent on the shape of the x vector, but
> reverting this is easier than changing all the unit tests.

2011-08-16 08:06 hewitson

    * classes/@ao/fromXYFcn.m: Bug fix. Variable name was wrong.

2011-08-16 08:06 hewitson

    * classes/@smodel/setXvar.m: Revert this change. The setter stuff
     is more complicated (actually it's a mess) and needs some more
     thought.

2011-08-16 08:05 hewitson

    * classes/@plist/applyDefaults.m: We need to run through parse
     before we convert the default plist.

2011-08-16 07:16 hewitson

    * classes/@pest/fromValues.m: Use applyDefaults and
     setObjectProperties.

2011-08-16 07:16 hewitson

    * classes/@pest/genericSet.m: Added help header.

2011-08-16 07:16 hewitson

    * classes/@ltpda_uoh/addHistory.m: Ensure the plist we will add to
     the history is copied before we go ahead and modify it.

2011-08-16 06:58 hewitson

    * classes/@ao/fromTSfcn.m: Explicitely set x and y units.

2011-08-16 06:57 hewitson

    * classes/@ao/fromVals.m: Explicitely set yunits.

2011-08-16 06:52 hewitson

    * classes/@unit/unit.m: Added a constructor from cell-array

     unit({'V', 'N'})

2011-08-15 16:07 hewitson

    * classes/@ao/ao.m: Added parameter RAND_STREAM so that a) the user
     can set it if they want to , and b) so that the rebuilding when
     this parameter is in the history plist doesn't throw warnings.

2011-08-15 15:53 hewitson

    * test/test_ao_fromVals.m: Upgraded to current toolbox
     functionality

2011-08-15 15:43 hewitson

    * test/test_ao_tfe.m: Use the proper getter for the errors. How did
     this ever work?

2011-08-15 15:40 hewitson

    * classes/@filterbank/fromFilters.m: Use applyDefaults and
     setObjectProperties.

2011-08-15 15:40 hewitson

* classes/@filterbank/filterbank.m: Use setObjectProperties.

2011-08-15 15:36 hewitson

    * classes/@timespan/fromTimespanDef.m: Apply defaults at the start
      of the script (it was a lucky bug that this worked at all) and
      then use setObjectProperties.

2011-08-15 15:35 hewitson

    * classes/@timespan/timespan.m: Use setObjectProperties.

2011-08-15 15:12 hewitson

    * classes/@smodel/fromExpression.m: Use applyDefaults and
      setObjectProperties but here we need to make an exception and
      remove the 'params' field from the plist because the setter
      setParams is not a normal setter.

2011-08-15 15:12 hewitson

    * classes/@smodel/fromDatafile.m: Use applyDefaults instead of
      combine.

2011-08-15 15:02 hewitson

    * classes/: @pzmodel/pzmodel.m, @smodel/smodel.m: Use
      setObjectProperties.

2011-08-15 14:58 hewitson

    * classes/: @rational/rational.m, @ltpda_uoh/fromModel.m,
      @ltpda_uoh/fromRepository.m, @parfrac/parfrac.m: Use
      setObjectProperties.

2011-08-15 14:47 hewitson

    * classes/@pzmodel/pzmodel.m: Added missing default plist keys
      iunits and ounits.

2011-08-15 14:41 hewitson

    * classes/@rational/: fromPzmodel.m, fromParfrac.m,
      fromCoefficients.m: Use applyDefaults and setObjectProperties.

2011-08-15 14:41 hewitson

    * classes/@rational/rational.m: Added missing default plist keys
      iunits and ounits.

2011-08-15 14:31 hewitson

    * classes/@parfrac/: fromPzmodel.m, fromRational.m,
      fromResidualsPolesDirect.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 14:31 hewitson

    * classes/@parfrac/parfrac.m: Added missing default plist keys
      iunits and ounits.

2011-08-15 14:22 hewitson

    * classes/: @mfir/mfir.m, @miir/miir.m: Use setProperties for the
      'empty' plist constructor.

2011-08-15 14:18 hewitson

    * classes/@pzmodel/: fromParfrac.m, fromRational.m: Use
      applyDefaults and setObjectProperties.

2011-08-15 14:02 hewitson

    * classes/@pzmodel/fromLISO.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 14:02 hewitson

    * classes/@pzmodel/: setPoles.m, setZeros.m: We should not try
      setting if the input is empty, especially as pz([]) produces an
      object with NaNs in it.

2011-08-15 13:42 hewitson

    * classes/@mfir/: fromStandard.m, fromPzmodel.m: Use applyDefaults
      and setObjectProperties.

2011-08-15 13:42 hewitson

    * classes/@mfir/mfir.m: Deleted commented out code

2011-08-15 13:36 hewitson

    * classes/@mfir/: fromA.m, fromAO.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 13:36 hewitson

    * classes/@mfir/mfir.m: Add a PSLL parameter since this is a
      supported parameter in the case that a Kaiser window is used.

2011-08-15 13:22 hewitson

    * classes/@miir/: fromStandard.m, fromPzmodel.m, fromParfrac.m,
      fromLISO.m, fromAllpass.m, fromAB.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 13:21 hewitson

    * classes/@miir/miir.m: Added iunits and ounits to default plists
      where they were missing. Probably these should be global keys
      since I believe they are used in all sets.

2011-08-15 13:21 hewitson

    * classes/@ltpda_uoh/setObjectProperties.m: Only try to use a
      setter if a setter exists.

2011-08-15 12:42 hewitson

    * classes/@ao/fromWaveform.m: Some simplification as to how the
      random state is handled. We only need it in the noise case.

2011-08-15 12:42 hewitson

    * classes/@plist/getSetRandState.m: Use pset because we added the
      rand_state to the appropriate default plists because a) this is
      something the user may wish to set, and b) it gets passed through
      applyDefaults when rebuilding and we don't want the warning
      message.

2011-08-15 12:19 hewitson

* classes/@ao/ao.m: Added the 'filepath' key to the reading from
      file plists because this is supported in the constructors.

2011-08-15 12:10 hewitson

    * classes/@pzmodel/fromPolesAndZeros.m: Simplified version. We just
      operate on the plist values and then call setObjectProperties
      since all plist keys are object properties.

2011-08-15 12:09 hewitson

    * classes/@pzmodel/pzmodel.m: Typo in comment.

2011-08-15 12:09 hewitson

    * classes/@pzmodel/: setPoles.m, setZeros.m: Bug fix: the caller is
      method code was doing wrong indexing. This has probably never
      been used by anyone but now the call to setObjectProperties calls
      these setters.

2011-08-15 11:46 hewitson

    * classes/@ao/: sDomainFit.m, zDomainFit.m: Removed commented out
      code.

2011-08-15 11:45 hewitson

    * classes/@ao/fromWaveform.m: Also use setObjectProperties in the
      special case of multiple sine waves.

2011-08-15 11:40 hewitson

    * classes/@ao/fromXYFcn.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 09:09 hewitson

    * classes/@ao/fromWaveform.m: Use applyDefaults and
      setObjectProperties.

2011-08-15 09:06 hewitson

    * classes/@ao/ao.m: Don't include the 'toffset' in the 'from
      waveform' plist set because it's hard to support it in the
      constructor and it is confusing for the user because we have a
      'Toff' parameter which does essentially the same thing.

2011-08-15 08:57 hewitson

    * classes/@ao/fromTSfcn.m: Use applyDefaults and
      setObjectProperties and clean up object constructor. Explicitely
      set the non-object properties t0 and toffset.

2011-08-15 08:56 hewitson

    * classes/@ltpda_uoh/setObjectProperties.m: Clean up and comment
      out debugging statement.

2011-08-15 08:50 hewitson

    * classes/@ao/fromSpecWin.m: The logic in this was fairly broken.
      When changing to applyDefaults and setObjectProperties it all
      fell apart. Restructured in to a more sane flow.

2011-08-15 08:45 hewitson

* classes/@specwin/toPlist.m: A new method to convert a specwin
object in to an appropriate plist for other constructors and
methods. (I thought we had a way to do this already, but I
couldn't find it.)

2011-08-15 08:13 hewitson

* classes/@ao/fromSModel.m: Use applyDefaults and
setObjectProperties.

2011-08-15 08:09 hewitson

* classes/@ao/fromPzmodel.m: 1) Use applyDefaults and
setObjectProperties 2) Explicitly set non-object properties:
xunits, yunits, t0 and toffset.

2011-08-15 08:08 hewitson

* classes/@ao/iplot.m: Since ao.x includes the toffset, it is wrong
to include it explicitely in iplot.

2011-08-15 07:58 hewitson

* classes/@plist/plist.m: Added the 'toffset' property to the
TSDATA plist.

2011-08-15 07:57 hewitson

* classes/@ao/fromPolyval.m: 1) Use applyDefaults and
setObjectProperties 2) Cleaned up error message in tsdata part 3)
Ensure t0 and toffset are handled in the tsdata case since we
don't rely on the setProperties cheat anymore 4) Clean up and
simplify the xunits logic for tsdata 5) Default xunits for xydata
case can be left empty 6) Clean up and correct the default xunits
for the fsdata case 7) Explicitely set the x and y units since we
don't rely on the setProperties cheat any more.

2011-08-15 07:54 hewitson

* classes/@ao/ao.m: 1) don't use plist.TSDATA_PLIST for 'from
polynomial' because the logic in the constructor requires empty
default xunits.

2) don't use paramValue.DATA_TYPES because the logic in the
constructor requires an empty default type.

2011-08-15 07:05 hewitson

* classes/@ao/fromPest.m: Use applyDefaults and
setObjectProperties.

2011-08-15 07:03 hewitson

* classes/@ao/fromXYVals.m: Turns out we have to be more careful
summing the user supplied toffset with the existing toffset. If
this is called from a method, then we don't apply the defaults
and its possible that the input plist has no toffset defined. In
principle this should/could be avoided if we make sure that all
constructors which result in a tsdata ao have toffset in their
default plist. But that runs deeps because we have to go through
all things like pest/eval, smodel/eval and ensure toffset is
there. For now this is a better safety net.

2011-08-12 14:25 hewitson

* classes/@ao/ao.m: Added missing parameters to default plists.

2011-08-12 14:25 hewitson

* classes/@ao/fromFSfcn.m: Use applyDefaults and
  setObjectProperties.

2011-08-12 13:56 hewitson

* classes/@ao/fromFcn.m: Use applyDefaults and setObjectProperties.

2011-08-12 13:44 hewitson

* classes/@plist/: plist.m, processForHistory.m: New plist method
  which processes a plist ready for insertion into the history. The
  point is to handle the keys which support multiple values and to
  ensure that a particular object gets the correct history plist.
  This needs to be used in the case where we are adding history to
  a single object (in a loop). Using it in any other case will
  likely cause problems.

2011-08-12 13:38 hewitson

* classes/@ao/fromDataInMAT.m: Added the use of applyDefaults and
  setObjectProperties. Didn't do more because this will be merged
  with fromDataFile because they have too much overlapping code. As
  such, this method is currently broken.

2011-08-12 13:35 hewitson

* classes/@ao/fromDatafile.m: Added some comments on the definition
  of a list of keys which support multiple values. This needs some
  more thought.

2011-08-12 13:33 hewitson

* classes/@ao/fromDatafile.m: Because we support multiple inputs
  for some property keys (like name, xunits, etc), we need to be
  careful which values we put in the history plist. This was
  working before due to hack in setProperties which modified the
  last history step when processing the multiple values of a
  property. So now we have a plist method for processing a plist
  ready for putting in the history. We also set the xunits, yunits
  and t0 of each object since these keys are supported in the
  default plist but are not object properties.

2011-08-12 13:19 hewitson

* classes/@ao/setYunits.m: Removed what we think is unnecessary
  code. Let's see what the unit tests say.

2011-08-12 12:03 hewitson

* classes/@ao/fromXYVals.m: 1) Remove the use of parse. This is in
  applyDefaults now. 2) Properly handle setting toffset. We can
  get the toffset due to collapsing from the data object and just
  add any additional user-specified toffset.

2011-08-12 11:55 hewitson

* classes/@ao/: fromComplexDatafile.m, fromDatafile.m, fromVals.m:
  Replace the use of setProperties with setObjectProperties and use
  applyDefaults to ensure a sane property list at the start of the
  method.

2011-08-12 11:54 hewitson

      * classes/@plist/applyDefaults.m: run the final plist through
        parse. We need to check if this is a bottleneck.

2011-08-12 11:54 hewitson

      * classes/@ao/ao.m: 1) for a ao(plist) constructor with no trigger
        key, then we use applyDefaults with the Default plist set. This
        allows things like ao(plist('name', 'foo')) to work. We also call
        the new setObjectProperties here.

        2) Remove the declaration of setToffset as protected. This is a
        valid public method.

2011-08-12 11:52 hewitson

      * classes/@matrix/iplot.m: bug fix in the documentation link

2011-08-12 11:51 hewitson

      * classes/@ltpda_uoh/ltpda_uoh.m: declare the new
        setObjectProperties method as protected.

2011-08-12 11:51 hewitson

      * classes/@ltpda_uoh/setObjectProperties.m: A new method which just
        sets object properties that are in the given plist. This is a
        protected method designed for use in methods to reduce duplicate
        code. This is part of the move to remove the use of setProperties
        which is much more general.

2011-08-11 13:45 hewitson

      * classes/@ao/fromXYVals.m: Properly handle setting toffset by
        adding the first value of the input x vector to the user
        specified toffset.

2011-08-11 13:44 hewitson

      * classes/@ao/ao.m: Add toffset to 'from xy vals' default plist.
        Make setToffset public.

2011-08-05 12:02 miquel

      * classes/@matrix/crb.m: include new parameters in default plist

2011-08-05 12:01 miquel

      * classes/+utils/@math/fisher_2x2.m: including call to the function
        retrieving the best numerical step in the fisher matrix
        computation

2011-08-05 12:00 miquel

      * classes/+utils/@math/: diffStepFish.m, math.m: introducing
        function to compute optimal numerical differentiation step to
        compute Fisher matrix in numerical (ssm) models. Not finished
        yet, probably needs some merging with Luigi's

2011-08-03 21:21 adrien

      * classes/@ao/spsdSubtraction.m: Much faster code (frequency
        binning, weighting, squaring and summing can be obtained by a
        "vectorized" code in one line!) - Function is about ~25 times
        faster.

2011-08-03 21:18 adrien

   * classes/@ao/diff.m: I assume this was just a silly bug in
     ao/diff.

2011-08-01 09:49 nikos

   * classes/@ao/mcmc.m: adapt to recent changes (annealing with a
     thermostat)

2011-07-31 19:38 nikos

   * classes/: @matrix/mcmc.m, +utils/@math/math.m: Adapt to recent
     changes (annealing with a thermostat)

2011-07-31 19:37 nikos

   * classes/+utils/@math/fitPrior.m: function to fit prior PDFs
     placed in utils.math

2011-07-31 17:03 nikos

   * classes/+utils/@math/mhsample.m: added annealing with a
     thermostat. User chooses (in the plist) between simulated,
     thermostated and a third simple way of heating the chains.

2011-07-31 16:56 nikos

   * classes/+utils/@math/loglikelihood_matrix.m: loglikelihood
     returns SNR to use it for annealing with a thermostat

2011-07-31 16:55 nikos

   * classes/+utils/@math/stnr.m: Function to compute SNR during MCMC.

2011-07-29 15:46 ferran

   * classes/@ssm/removeEmptyBlocks.m: Typo in statesize
     (statessize->statesize)

2011-07-27 14:28 miquel

   * classes/@matrix/crb.m: extracting the code here to compute the
     Fisher matrix, make it work with the utils.math.fisher_2x2
     function

2011-07-27 14:25 miquel

   * classes/+utils/@math/: fisher_2x2.m, math.m: adding function to
     compute Fisher matrix for 2x2 systems

2011-07-18 13:56 mauro

   * classes/@ao/fromXYVals.m: Make sure we handle: - unset t0 - t0
     defined with strings

2011-07-14 09:10 mauro

   * classes/+utils/@math/KSpValue.m: Added support for the limit case
     where the objects to test are identical Help updated

2011-07-14 09:09 mauro

   * classes/+utils/@math/kstest.m: Help updated Cosmetics

2011-07-14 09:09 mauro

* classes/@ao/kstest.m: Return logical values aos Help updated
      Plist help updated

2011-07-14 07:36 mauro

    * classes/@data2D/setX.m: Bug fix: in this case we have to subtract
      the toffset to match the user representation

2011-07-14 07:33 mauro

    * classes/@ao/: downsample.m, resample.m, upsample.m: Use
      utils.helper.setoutputs to set the outputs

2011-07-12 15:35 mauro

    * classes/: @data2D/setXunits.m, @data3D/setZunits.m,
      @ltpda_data/setYunits.m: Many methods calling AO constructors do
      not pass units etc via plist, but rather set them later in the
      code. As such, we could either: 1) always keep the applyDefaults
      step in these constructors calls OR 2) still skip the
      applyDefaults, but we need to support cases where the units (and
      probably other parameters) are empty 3) still skip the
      applyDefaults, but we need to be more disciplinated unsing
      methods calling AO constructors

      1) could be slowing down things, I suspect 2) is in general bad
      design, I suspect 3) is preferable, but takes time to fix
      methods, I am certain

      With this commit I implement 2). Arguable, I know.

2011-07-12 15:26 mauro

    * classes/@ao/fromXYVals.m: I did not realize we are supporting
      this syntax: a1 = ao(plist('xvals', '1:10', 'yvals',
      'randn(10,1)')); The functionality is accessible only via
      plist/parse.   I think this should included (as an option) into
      plist/applyDefaults

2011-07-12 07:23 mauro

    * classes/@ao/fromXYVals.m: Whitespace

2011-07-12 07:19 mauro

    * classes/@ao/fromWaveform.m: With the new behavior of
      getSetRandState, I can get the info of the RAND_STATE from the
      unused plist and append it to the main one. As a precaution,
      added back the history step also in the case the caller is a
      method. In cases such the RAND_STATE, we (at the moment) have no
      other way to store information we need to rebuild. To be
      investigated.

2011-07-12 07:14 mauro

    * classes/@plist/getSetRandState.m: Despite what written in the
      documentation, this method was coded to be a modifier.

2011-07-12 06:21 mauro

    * classes/@ao/fromXYVals.m: Make sure we apply the units. That was
      left to setProperties.

2011-07-11 12:44 adrien

* classes/@ssm/simulate.m: In some case, the initial state is an empty state, and then the simulation take forever. Now thisis avoided.

2011-07-11 12:43 adrien

* classes/@ao/spsd.m: adding the input fcn('param name', value)

2011-07-11 07:17 mauro

* classes/@smodel/eval.m: Make sure we pass the yunits via plist in the case we have to build the ao

2011-07-09 14:10 mauro

* classes/@ao/: fromWaveform.m, fromXYVals.m: Bug fix: I forgot to set the list of unused parameters in the case of caller is a method

2011-07-09 08:02 mauro

* classes/@ao/fromWaveform.m: Throw an error in the case the user input an invalid option for the waveform type

2011-07-09 07:59 mauro

* classes/@ao/ao.m: In ao/fromWaveform we support ('sine', 'sine-wave', 'sinewave', 'sine wave') and many other 'equivalent'. In order to do so, we need: - the value to have selectionMode = 'OPTIONAL' (my quick choice, arguable) - find a better way to handle this

2011-07-09 07:52 mauro

* classes/@ao/fromWaveform.m: Bug fixes: - I forgot the sinewave case was treated differently, and ended with return (should we consider chaging this?) - Many actions were left to setProperties (units etc)

2011-07-08 15:13 luigi

* classes/@ao/ecdf.m: bug fixed

2011-07-08 14:57 luigi

* classes/@ao/ecdf.m: a method to calculate empirical cumulative distribution function

2011-07-08 12:36 luigi

* test/test_ao_qqplot.m: added a test script for qqplot

2011-07-08 12:28 luigi

* classes/@ao/qqplot.m: a method to do the quantile-quantileplot with confidence intervals

2011-07-08 12:26 luigi

* classes/: +utils/@math/qqplot.m, @ao/kstest.m: some bugs fixed

2011-07-08 11:45 luigi

* classes/: @ao/cdfplot.m, +utils/@math/cdfplot.m: added the shape parameter for KS conf int calculation

2011-07-08 11:30 luigi

    * classes/@ao/cdfplot.m: help fixed

2011-07-08 11:25 luigi

    * test/test_ao_cdfplot.m: added a test script for cdfplot

2011-07-08 11:24 luigi

    * classes/@ao/cdfplot.m: a method to do plot of the cdf with
      confidence intervals

2011-07-08 11:23 luigi

    * classes/+utils/@math/cdfplot.m: some bugs fixed

2011-07-08 11:15 mauro

    * classes/@ao/ao.m: Adapted to the new syntax of ao.fromWaveform
      Added the t0 parameter for XYVals constructor (used only when
      asking for tsdata objects) Help clarified in this case

2011-07-08 11:13 mauro

    * classes/@ao/fromWaveform.m: Use the new syntax of
      plist/applyDefaults to split the user input plist into default
      and non-defaults. Only non-defaults are applied via a
      (deprecated) call to ltpda_uoh/setProperties. Use callerIsMethod
      to speed-up Apply the inherited properties (name, plotinfo,
      description) via dedicated calls Notice: this should be applied
      to ALL constructors, I think

2011-07-08 11:13 mauro

    * classes/@ao/fromXYVals.m: Use the new syntax of
      plist/applyDefaults to split the user input plist into default
      and non-defaults. Only non-defaults are applied via a
      (deprecated) call to ltpda_uoh/setProperties. Properly handling
      t0 Apply the inherited properties (name, plotinfo, description)
      via dedicated calls Notice: this should be applied to ALL
      constructors, I think

2011-07-08 10:40 mauro

    * classes/@ltpda_uoh/setName.m: Use utils.helper.setoutputs to set
      the outputs Cosmetics

2011-07-08 10:31 mauro

    * classes/@ltpda_uoh/setPlotinfo.m: Harmonized with
      ltpda_uoh/setProcinfo: if the value is a plist, we copy it so to
      make sure we do not loose it with subsequent operations. Use
      utils.helper.setoutputs to set the outputs Cosmetics

2011-07-08 10:25 mauro

    * classes/@ltpda_uoh/setProcinfo.m: Use utils.helper.setoutputs to
      set the outputs Cosmetics

2011-07-08 10:19 mauro

    * classes/@plist/applyDefaults.m: use a more general (but slower?)
      syntax to support the case where the parameter value is a plist,
      as it happens with plotinfo and procinfo

2011-07-08 10:18 mauro

> * classes/@plist/setDefaultForParam.m: Use utils.helper.setoutputs
>   to set the outputs

2011-07-07 18:13 adrien

> * classes/@ao/spsdSubtraction.m: Help header corrected, it was
>   wrong

2011-07-07 18:08 mauro

> * classes/@ao/ao.m: It is too dangerous to leave this method
>   accessible to users.

2011-07-07 15:34 luigi

> * classes/@ao/kstest.m: some bugs fixed

2011-07-07 13:05 mauro

> * classes/@ltpda_uoh/setProperties.m: As discussed in a email to
>   the ltpda_dev mailing list, this usage of this method should be
>   avoided. For the time being, we aim at using it only for the
>   parameters/properties that are not in the default plist, and
>   issue a deprecation warning.

2011-07-07 12:38 mauro

> * classes/@plist/applyDefaults.m: Added the possibility to output,
>   as the second argument, a plist with the parameters that did not
>   match those in the default plist.

2011-07-07 12:35 mauro

> * classes/@ao/timeshift.m: Go back using the data class methods

2011-07-06 17:41 luigi

> * classes/@ao/spcorr.m: some bug fixed

2011-07-06 17:06 luigi

> * test/test_ao_spcorr.m: a test script for ao/spcorr

2011-07-06 17:06 luigi

> * classes/@ao/spcorr.m: bug fixed in the application of default
>   plist

2011-07-06 16:42 luigi

> * classes/+utils/@math/spcorr.m: utils method aupdated

2011-07-06 16:38 luigi

> * classes/@ao/: spcorr.m: some fix in the help

2011-07-06 16:29 luigi

> * classes/@ao/spcorr.m: new ao method for the calculation of
>   Spearman Rank-Order Correlation Coefficient. It perform also
>   statistic hypothesis test

2011-07-06 08:41 mauro

* classes/+utils/+const/@physics/physics.m: The usage of these
  utils it is now deprecated and will be removed in future
  releases. Please use the syntax
  >> plist(plist('Built-In',
  'physical_constants')).find('<constant_name>'); instead

2011-07-06 08:37 mauro

* classes/@ao/: ao.m, fromParameter.m: Added support for a call
  like: ao(plist('parameter','model','key','key')) where 'model' is
  a plist built-in model. In this case the model is built inside
  the method and the wanted parameter, selected by 'key', extracted
  into an ao

2011-07-05 08:51 mauro

* classes/+utils/@helper/make_class_diagram.m: A script (from
  Martin) to plot nicely the class structure of the LTPDA Toolbox,
  showing all the dependencies. Setting the flag 'show_methods' to
  true or false, it is possible to display also the public methods
  of the user classes.

2011-07-05 08:44 mauro

* m/helper/plot_gauss_hist.m: removing, because we have a more
  recent copy of this function inside classes/+utils/@helper

2011-07-05 08:37 mauro

* classes/@ao/timeshift.m: Use the ao method to set toffset Remove
  the code where this method was implementing the 'old' behavior
  Use utils.helper.setoutputs to set the outputs

2011-07-05 08:35 mauro

* classes/@tsdata/display.m: Removed the toffset from the displayed
  info, because it is now added to the x values (as agreed)

2011-07-05 08:33 mauro

* classes/@ao/display.m: Cosmetics

2011-07-05 08:32 mauro

* classes/@tsdata/getX.m: We need to add the toffset in this
  method.

2011-07-05 08:31 mauro

* classes/@tsdata/tsdata.m: We need to set the toffset in the case
  we collapse the X data vector, or we'll loose the information

2011-07-05 08:27 mauro

* classes/+utils/@helper/ltpda_classes.m: Removed from the class
  list those we currently don't install

2011-07-05 08:25 mauro

* m/etc/ltpda_startup.m: Fixed the laser beam path

2011-07-01 16:43 ingo

* classes/@ao/timeshift.m: ATTENTION: Complete new and different
  behaviour. This function moves now the data in time by the input.
  The old behaviour was to set the first data sample to 0 WITHOUT

moving the data in time.

2011-07-01 16:40 ingo

    * classes/@ao/convert.m: bug fix: remove parts which are made by
    copy/past.

2011-07-01 16:38 ingo

    * classes/@ltpda_uo/retrieve.m: Throw an error if the user tries to
    retrieve an object which was submitted with a newer LTPDA version
    as the user use.

2011-07-01 16:38 ingo

    * classes/@provenance/setFromEncodedInfo.m: Throw an error if the
    user tries to load an object which was stored with a newer LTPDA
    version as the user use.

2011-07-01 16:13 luigi

    * classes/@ao/kstest.m: fixed typo in the help

2011-07-01 16:10 luigi

    * classes/@ao/kstest.m: New AO method performing Kolmogorov Smirnov
    test

2011-06-30 19:40 luigi

    * classes/+utils/@math/: kstest.m, math.m: updated kstest with the
    latest achievements

2011-06-30 18:25 ingo

    * classes/@tsdata/display.m: bug fix: For displaying a double it is
    not useful to use %d because this is only for integer and the
    toffset can be a double.

2011-06-30 18:24 ingo

    * classes/@tsdata/collapseX.m: collapeX will not change to t0 any
    mote it changes now the toffset for keeping the original t0 (as
    the reference time).

2011-06-30 18:22 ingo

    * classes/: @ltpda_uo/save.m, @ltpda_uoh/fromFile.m,
    @tsdata/attachToDom.m, @tsdata/fromDom.m: We have decided to keep
    the 'old' of t0 for backwards compatibility.   This means: -
    before saving, t0 = t0 + toffset - after loading, t0 = t0 -
    toffset But be careful. For XML files it is done in the tsdata
    methods 'attachToDom' and 'fromDom' because for submitting we
    don't use a different method as 'save'. We have to do the changes
    twice :(XML files: attachToDom + fromDom MAT files: save +
    fromFile

2011-06-30 18:19 ingo

    * classes/@ao/setToffset.m: Add an error message if a user tries to
    set the toffset to an AO with no tsdata

2011-06-28 17:19 mauro

    * classes/@tsdata/setToffset.m: Fixed typo in a comment

2011-06-28 17:19 mauro

    * classes/@ao/toffset.m: Fixed a couple typos in the help

2011-06-28 17:16 mauro

    * classes/@tsdata/display.m: Changed the display to show the time
      offset in seconds

2011-06-28 14:55 nikos

    * classes/: +utils/@math/math.m, +utils/@math/mhsample.m,
      @ao/mcmc.m, @matrix/mcmc.m: adopt to recent changes

2011-06-25 14:51 nikos

    * classes/+utils/@math/mhsample.m: typo

2011-06-25 14:40 nikos

    * classes/+utils/@math/math.m: added new methods to math.m

2011-06-25 14:37 nikos

    * classes/+utils/@math/mhsample.m: sampling function for the mcmc
      can use priors now.

2011-06-25 14:36 nikos

    * classes/@matrix/mcmc.m: mcmc updated, user can choose to use
      priors.

2011-06-22 12:51 hewitson

    * classes/@ao/iplot.m: Bug fix: when the number of yticks exceeds
      10, we revert back to MATLAB automatic tick making.

2011-06-22 11:54 miquel

    * classes/@matrix/dispersion.m: recovering this method to compute
      the dispersion function. Now as a matrix method. It is used to
      optimise input signals

2011-06-20 18:56 ingo

    * classes/@ao/split.m: Adaptations due to the new toffset property.

2011-06-20 18:55 ingo

    * classes/@ao/setReferenceTime.m: A new method for setting the t0
      but this method will not move the data it recalculates the
      display of the values relative to the new t0. --> toffset =
      oldToffset - (newT0 - oldT0)

2011-06-20 18:53 ingo

    * classes/@ao/setToffset.m: AO method for setting the toffset.

2011-06-20 18:53 ingo

    * classes/@ao/toffset.m: A new method for getting the toffset in
      seconds. ATTENTION: The toffset is stored in the data object as
      milliseconds.

2011-06-20 18:52 ingo

       * classes/@ao/dy.m: bug fix: It should also be possible to index
        this function with logical.

2011-06-20 18:51 ingo

       * classes/@ao/iplot.m: Some changes due to the new property
        'toffset'

2011-06-20 18:50 ingo

       * classes/@tsdata/setToffset.m: new method for setting the toffset.

2011-06-20 18:50 ingo

       * classes/@tsdata/: attachToDom.m, copy.m, display.m, fromDom.m,
        fromStruct.m, tsdata.m: Add the a new property 'toffset'

2011-06-20 18:49 ingo

       * classes/@tsdata/setNsecs.m: typo

2011-06-20 18:40 ingo

       * classes/tests/@ltpda_test_runner/run_test_list.m: comment out the
        output 'pass' and 'fail' because I use a different architecture.

2011-06-20 18:38 ingo

       * classes/tests/@TestDescription/TestDescription.m: A new class
        which should contain some information about a unit test. It have
        the following fields: testName: ''
        testLocation: ''   testDescription: 'Unknown test description'
            checkResults: {}   result: 'failed'
        testClass: ''   testMethod: ''   nchecks: 0 The
        name of this class is might be not the best but for the moment I
        don'T find a better one.

2011-06-20 18:34 ingo

       * classes/tests/@AssertionFailed/AssertionFailed.m: This class is
        derived from the MATLAB's MException class. This class is used in
        the new Assert class. With this class it is possible to
        distinguish if the error is a assert-error or another error.

2011-06-20 18:32 ingo

       * classes/tests/@Assert/: Assert.m, doubleEquals.m,
        doubleEqualsWithAccuracy.m, doubleNotEquals.m, empty.m, fail.m,
        false.m, notEmpty.m, notSame.m, objectEquals.m,
        objectEqualsWithException.m, same.m, stringEquals.m,
        stringNotEquals.m, throwsException.m, true.m: New Assert class
        for the unit tests which defines some useful static
        assert-functions. All assert functions throw a AssertionFailed
        exception. This AssertionFailed class is derived from the MALTAB
        MException class.

2011-06-20 17:14 nicolodi

       * classes/@ao/ao.m: With this simple change pest/eval() in my
        routines goes from taking 4.3 seconds to less than 0.3 seconds.

2011-06-15 13:25 hewitson

       * classes/@matrix/iplot.m: A simple wrapper to call ao/iplot on the
        inner AO objects.

2011-06-15 13:25 hewitson

    * classes/@data2D/char.m: Show the yunits of a data2D object in
      char.

2011-06-14 15:53 mauro

    * classes/@ao/fromDatafile.m: Moved the try-catch structure around
      all the process of file scanning, so to simplify the handling of
      the file closing step (and error messages) in case of errors.
      That also fixes a bug in the case of 'robust' reading, where the
      file was not closed even on succesful reading.

2011-06-14 11:18 mauro

    * classes/@ao/fromDatafile.m: Protect the call to textscan with
      try/catch, to make sure that the file is closed even in case of
      errors during the call to textscan. This fixes a problem with
      automatic conversion scripts, that in some cases show a failure
      in the call to textscan (likely associated with conflicts
      accessing the file) and the file is left open. In this way, the
      maximum number of open file can be reached and that stops Matlab
      from working.

2011-06-13 12:04 mauro

    * classes/@ao/fromDatafile.m: Bug fix: the error that happens when
      passing an empty file was not properly handled (missing fclose)

2011-06-11 16:32 adrien

    * classes/@ssm/removeEmptyBlocks.m: This method allows to remove
      all empty blocks (can be combined with ssm/simplify to remove
      residual empty blocks)

2011-06-11 16:11 adrien

    * classes/@ao/gapfillingoptim.m: Adding the possibility to set the
      "isGap" vecotr by looking for "zeros" in the original time-series

2011-06-11 16:10 adrien

    * classes/@ao/spsdSubtraction.m: Many updates - numerical and
      interface - debugged weighting scheme for the case of an "AO"
      weight use - help headder updated - use of nDofs instead of
      nSamples for the weighting scheme - termination condition
      modified (criterion "and" parameters must both converge, previous
      was "or")

2011-06-11 16:02 adrien

    * classes/@ssm/validate.m: removing annoying display in
      ssm/validate

2011-06-07 00:46 mauro

    * m/built_in_models/ao/ao_model_retrieve_in_timespan.m: Bugs fixed:
      a couple variables were not defined, the output was not set
      Notice I am not sure I am passing the correct minfo object, there
      might be a smarter solution

2011-06-06 16:02 nikos

    * classes/@pest/computePdf.m: compute normalized pdf from pest
      object (using the chain field)

2011-06-01 15:09 congedo

   * classes/+utils/@math/: heaviside.m, math.m, unitStep.m: utils for
   unit step and heaviside funtions. heaviside is not defined in 0.

2011-06-01 15:08 hewitson

   * classes/@ao/iplot.m: Bug fix: the axis labels were not being
   passed through fixlabel() in some cases. This function's a real
   mess and we should think of a new way of plotting as soon as
   possible.

2011-06-01 14:57 hewitson

   * classes/@tsdata/tsdata.m: Add an error message for the case that
   the user does:

   ao(x,y,fs)

   where x are evenly spaced samples, but the value for fs does not
   correspond to the sample spacing.

2011-05-30 19:18 luigi

   * classes/+utils/@math/: Chi2cdf.m, Chi2inv.m: do not use statistic
   toolbox functions now

2011-05-30 16:06 mauro

   * classes/@ao/fromDatafile.m: Trying to uniform the behavior with
   other costructors, regarding the naming of the object: the 'name'
   from the default plist is not removed from the used plist.
   Removed a name setting step that was not effective any more
   Cosmetics

2011-05-30 12:42 mauro

   * classes/@ao/fftfilt_core.m: A better support for calls with 3
   inputs or 4 inputs, the latter being in the case of initial
   conditions included in a smodel. As a consequence, we can avoid
   the (expensive) call to exist() and only check if the initial
   conditions are empty or not.   I'd leave the check about the model
   expression as a further safety check.

2011-05-30 11:58 mauro

   * test/test_list.m: Added a test for ao/fftfilt to the list of
   executed tests

2011-05-28 07:42 mauro

   * classes/@ao/fftfilt.m: Cosmetics

2011-05-28 07:42 mauro

   * classes/@smodel/double.m: Bug fix: the 'expr' property of an
   smodel is a msym object, so it is never empty. So we have to
   check that the 's' property of the 'expr' property is not empty.

2011-05-28 07:40 mauro

   * classes/@ao/fftfilt_core.m: Bug fix: the default for the initial
   conditions is an empty smodel, with empty expression and xvar.
   When passed to smodel/eval, that gives an error.

2011-05-27 12:30 mauro

* classes/@ao/removeVal.m: Bug fix: we cannot interpolate if the
      number of values is less than 2 Use utils.helper.setoutputs to
      set the outputs

2011-05-27 12:28 mauro

    * classes/@ao/setXY.m: Use utils.helper.setoutputs to set the
      outputs

2011-05-26 14:57 congedo

    * classes/@ao/tdfit.m: bugs fixed for recent changes in the smodel
      'xvar' and 'xvals' field.

2011-05-26 12:56 nikos

    * classes/@pest/computePdf.m: method to compute the pdf for pest
      object. The pdf is computed from the chain field.

2011-05-25 18:25 ingo

    * classes/tests/database/: @ltpda_ao_table/test_ao_data_id.m,
      @ltpda_ao_table/test_ao_data_type.m,
      @ltpda_ao_table/test_ao_description.m,
      @ltpda_ao_table/test_ao_mdlfilename.m,
      @ltpda_ao_table/test_ao_mfilename.m,
      @ltpda_cdata_table/getTableEntry.m,
      @ltpda_cdata_table/test_cdata_xunits.m,
      @ltpda_cdata_table/test_cdata_yunits.m,
      @ltpda_fsdata_table/getTableEntry.m,
      @ltpda_fsdata_table/test_fsdata_fs.m,
      @ltpda_fsdata_table/test_fsdata_xunits.m,
      @ltpda_fsdata_table/test_fsdata_yunits.m,
      @ltpda_tsdata_table/getTableEntry.m,
      @ltpda_tsdata_table/test_tsdata_fs.m,
      @ltpda_tsdata_table/test_tsdata_nsecs.m,
      @ltpda_tsdata_table/test_tsdata_t0.m,
      @ltpda_tsdata_table/test_tsdata_xunits.m,
      @ltpda_tsdata_table/test_tsdata_yunits.m,
      @ltpda_xydata_table/getTableEntry.m,
      @ltpda_xydata_table/test_xydata_xunits.m,
      @ltpda_xydata_table/test_xydata_yunits.m: move the single
      database queries to single function. With this it is easier to
      adapt the tests to a new database layout.

2011-05-25 18:23 ingo

    * classes/tests/database/@ltpda_database/getDataIdFromAoTable.m:
      general method which returns the data ID from the AO table. In
      view of the new database layout it is better to get the ID at
      only one place because we will set the data ID equal to the
      object ID.

2011-05-25 18:20 ingo

    * classes/tests/database/@ltpda_database/getTableEntry.m: add
      description

2011-05-25 18:20 ingo

    * classes/tests/database/@ltpda_database/executeQuery.m: + Add a
      general method which handles a query. With this is is for a test
      functrion not necessary to handle the connection. (lock, unlock,
      ...)

2011-05-25 16:53 congedo

    * classes/@ao/fftfilt_core.m: corrected bug when calling from
      matrix\fftfilt.

2011-05-25 13:38 congedo

    * classes/@ao/fftfilt.m, classes/@ao/fftfilt_core.m,
      test/test_ao_fftfilt.m: integrated initial conditions assuming
      that the system is linear with constant coefficients.

2011-05-25 09:30 mauro

    * classes/@specwin/: win_ftni.m, win_ftsrs.m, win_hanning.m,
      win_hft169d.m, win_hft223d.m, win_hft248d.m, win_hft70.m,
      win_kaiser.m, win_nuttall3.m, win_nuttall4a.m, win_nuttall4c.m,
      win_sft4f.m, win_bartlett.m, win_bh92.m, win_fthp.m,
      win_hamming.m, win_hft116d.m, win_hft144d.m, win_hft196d.m,
      win_hft90d.m, win_hft95.m, win_nuttall3a.m, win_nuttall3b.m,
      win_nuttall4.m, win_nuttall4b.m, win_rectangular.m, win_sft3f.m,
      win_sft3m.m, win_sft4m.m, win_sft5f.m, win_sft5m.m, win_welch.m:
      Do not set the 'levelorder' properties which is meaningless for
      all windows except the levelledhanning ones

2011-05-25 09:28 mauro

    * classes/@specwin/char.m: Added the 'len' properties to the string
      that is shown, for instance, when dispalying plists

2011-05-24 21:22 ingo

    * classes/tests/database/@ltpda_database/init.m: <!DOCTYPE HTML
      PUBLIC "-//W3C//DTD HTML 4.0//EN"
      "http://www.w3.org/TR/REC-html40/strict.dtd"> <html><head><meta
      name="qrichtext" content="1" /><style type="text/css"> p, li {
      white-space: pre-wrap; } </style></head><body style="
      font-family:'Sans Serif'; font-size:9pt; font-weight:400;
      font-style:normal;"> <p style=" margin-top:0px;
      margin-bottom:0px; margin-left:0px; margin-right:0px;
      -qt-block-indent:0; text-indent:0px; -qt-user-state:0;">- bug
      fix: It is necessary to check if it is possible to make
      repository tests. (the runner have all information)</p> <p
      style=" margin-top:0px; margin-bottom:0px; margin-left:0px;
      margin-right:0px; -qt-block-indent:0; text-indent:0px;
      -qt-user-state:0;">- bug fix: If the repository doesn't find a
      connection with the given PLIST then try to make a new
      connection.</p></body></html>

2011-05-24 21:21 ingo

    * classes/tests/database/@ltpda_objmeta_table/init.m: bug fix: It
      is necessary to check if it is possible to make repository tests.

2011-05-24 21:09 ingo

    * classes/tests/database/@ltpda_objmeta_table/:
      test_objmeta_additional_authors.m,
      test_objmeta_additional_comments.m, test_objmeta_analysis_desc.m,
      test_objmeta_author.m, test_objmeta_created.m,
      test_objmeta_experiment_desc.m, test_objmeta_experiment_title.m,
      test_objmeta_hostname.m, test_objmeta_ip.m,

test_objmeta_keywords.m, test_objmeta_name.m,
test_objmeta_obj_type.m, test_objmeta_os.m,
test_objmeta_quantity.m, test_objmeta_reference_ids.m,
test_objmeta_submitted.m, test_objmeta_validated.m,
test_objmeta_vdate.m, test_objmeta_version.m: Simplify the tests
by using the new method: val = getTableEntry(utp, dbTable,
tableField, objID)

2011-05-24 21:08 ingo

   * classes/tests/database/@ltpda_database/init.m: + get the
   connection from the repository manager and store the connection
   in with the property 'conn'

2011-05-24 21:07 ingo

   * classes/tests/database/@ltpda_database/getTableEntry.m: New
   method which gets an entry from a database. The necessary inputs
   are table, column and object ID

2011-05-24 21:06 ingo

   * classes/tests/database/@ltpda_database/ltpda_database.m: + Add a
   destructor (delete method) + Add the property 'conn' to store the
   connection for all database tests.

2011-05-24 21:04 ingo

   * classes/tests/@ut_result/ut_result.m: Add a new constructor
   ut_result(utp, method) for the case that 'utp' is a string. In
   this case use we the string as the 'testClass'. This is necessary
   because it might be that the initialisation of an UTP fail and
   then is it not possible to pass in an UTP-object.

2011-05-24 21:01 ingo

   * classes/tests/@ltpda_test_runner/get_tests_in_dir.m: Add a
   try-catch command around the initialisation of the unit test. It
   may happen that the initialisation fail.

2011-05-24 18:23 mauro

   * classes/@specwin/win_levelledhanning.m: Renamed to uniform it to
   the specwin/get_window syntax (all lower-case)

2011-05-24 18:22 mauro

   * classes/@specwin/win_levelledHanning.m: Removing to rename it

2011-05-24 18:19 mauro

   * classes/@specwin/specwin.m: Cosmetics

2011-05-24 18:05 mauro

   * classes/@specwin/get_window.m: Try to help the user clarifying

the error message

2011-05-24 16:42 ingo

* classes/@specwin/fromStruct.m: Adapt to the new/changed
properties: 'levelorder', 'skip', 'len', 'win', 'ws' and 'ws2'

2011-05-24 16:31 ingo

* classes/@specwin/specwin.m: bug fix: It is necessary to have the
MATLAB setter method for the dependent property 'win' because we
have to store the length of 'win' in 'len' (instead of the
numbers of 'win')

2011-05-24 16:29 ingo

* classes/@specwin/: attachToDom.m, fromDom.m: Adapt to the
new/changed properties: 'levelorder', 'skip', 'len', 'win', 'ws'
and 'ws2'

2011-05-23 22:41 mauro

* classes/: @param/copy.m, @plist/copy.m: Cosmetics

2011-05-23 22:40 mauro

* classes/+utils/@helper/process_spectral_options.m: +)
Reintroduced the usage (and storing in the plist) of specwin
objects +) Replace length(win.win) with win.len +) Use the public
field 'len' to set the length of the window, (now we only need to
do this, the window actual values will be calculated, based on
this,when really needed) +) Support also levelledHanning windows

2011-05-23 22:36 mauro

* classes/@ao/getdof.m: Support specwin objects input

2011-05-23 22:35 mauro

* classes/@ltpda_uoh/addHistory.m: Removed this 'hack' we
introduced to support rebuilding of specwin objects. Now they are
much lighter and so they can be stored in the history again.

2011-05-23 22:34 mauro

* classes/@ao/fromSpecWin.m: Adapted to support specwin inputs Made
sligthly smarter here and there.

2011-05-23 22:33 mauro

* classes/@specwin/string.m: Change syntax length(win.win) into
win.len The syntax length(win.win) is now very inefficient,
because the 'win' property is not stored and needs to be
calculated all the times. On the contrary, the 'len' property has
been introduced to store the window length, so that the 'win'
dependent property is calculated, when needed, based on the

number of points (length) stored in the 'len' field.

2011-05-23 22:28 mauro

      * classes/@specwin/copy.m: Do not copy the 'win', 'ws', 'ws2'
        properties that are now dependent Do copy the new properties
        'levelorder' and 'skip'

2011-05-23 22:26 mauro

      * classes/@specwin/: win_bartlett.m, win_bh92.m, win_fthp.m,
        win_ftni.m, win_ftsrs.m, win_hamming.m, win_hanning.m,
        win_hft116d.m, win_hft144d.m, win_hft169d.m, win_hft196d.m,
        win_hft223d.m, win_hft248d.m, win_hft70.m, win_hft90d.m,
        win_hft95.m, win_kaiser.m, win_levelledHanning.m, win_nuttall3.m,
        win_nuttall3a.m, win_nuttall3b.m, win_nuttall4.m,
        win_nuttall4a.m, win_nuttall4b.m, win_nuttall4c.m,
        win_rectangular.m, win_sft3f.m, win_sft3m.m, win_sft4f.m,
        win_sft4m.m, win_sft5f.m, win_sft5m.m, win_welch.m: +) The win_*
        methods now have two modes: 'define', where the window is set
        (psll, alpha, rov etc), and 'build' where the actual windows
        values (the former .win field) are calculated according to the
        formula +) Moved the definition of z = [0:N-1]./N inside the
        win_* methods

2011-05-23 22:25 mauro

      * classes/@specwin/get_window.m: +) The win_* methods now have two
        modes: 'define', where the window is set (psll, alpha, rov etc),
        and 'build' where the actual windows values (the former .win
        field) are calculated according to the formula +) Code
        harmonization to deal with Kaiser windows

2011-05-23 22:15 mauro

      * classes/@specwin/specwin.m: A radical change: +) introduced the
        fields 'levelorder' (levelling coefficient for levelledHanning
        windows) and   'skip' (number of bins to skip) +) introduced a
        public field 'len' (number of samples of the window) that the
        user can set, without recalculating the window explicitly +)
        made the properties 'win', 'ws', 'ws2' to be dependent (so they
        are calculated at need) and hidden (so they are not saved nor
        displayed) +) bug fixed: default window is retrieved from user
        preferences +) introduced a win_kaiser method to harmonize the
        code

2011-05-23 18:35 adrien

      * classes/@ao/join.m: Pre-simplifying units, the function goes 10%
        faster

2011-05-23 18:30 adrien

      * classes/@ao/spsd.m: Modifying two parameters (description AND
        default value)

2011-05-23 16:18 adrien

    * classes/@ssm/: cpsdForCorrelatedInputs.m,
     cpsdForIndependentInputs.m: Some debugging, at least three errors
     found! - broken html link in help header was pointing to other
     function - corrected scaling factor was wrong - "squeeze"
     function was wrongly used (it breaks if the object is 1xn it
     returns a nx1) and making weird results

     - additionnaly, now calls ssm/reorganize with a dedicated set for
     this function

2011-05-23 16:15 adrien

    * classes/@ssm/reorganize.m: Adding two new sets for
     cpsdForCorrelatedInputs and cpsdForIndependentInputs which
     replace ssm/CPSD and ssm/PSD and will soon be discontinuated

2011-05-23 00:30 mauro

    * m/etc/class_method_template.m: Beginning to update this scheme.
     We still need to update the part about getInfo and defaultPlist,
     and the usage of the callerIsMethod scheme

2011-05-23 00:26 mauro

    * classes/@ao/filtSubtract.m: Cosmetics

2011-05-23 00:22 mauro

    * classes/@ao/: mlpsd_m.m, mlpsd_mex.m: Cosmetics only

2011-05-23 00:20 mauro

    * classes/@ao/simplifyYunits.m: Apparently I was not supporting the
     call with no plist. Maybe there is a smarter way of doing so ...

2011-05-23 00:15 mauro

    * classes/@matrix/getObjectAtIndex.m: Removed dead code Cosmetics

2011-05-23 00:11 mauro

    * classes/@ao/fromPolyval.m: The method matrix/getObjectAtIndex no
     longer supports (did it?) the 'internal' flag The method
     ao/simplifyYunits no longer supports the 'internal' flag

2011-05-23 00:09 mauro

    * classes/@ao/xspec.m: Remove the unsupported flag 'internal' from
     the call to ao/simplifyYunits

2011-05-23 00:08 mauro

    * classes/@ao/simplifyYunits.m: Remove the 'internal' flag and
     introduce the callerIsMethod one

2011-05-22 23:22 mauro

    * classes/@ao/lpsd.m: Use a variable to catch the exception. Might
      be useful in the future.

2011-05-20 11:01 congedo

    * test/utils/get_2D_test_obj_tf_psd.m: removed 'internal' flag.

2011-05-18 10:25 hewitson

    * classes/@specwinViewer/buildMainfig.m: Make the GUI the same size
      as the old specwin viewer. This needed chaging back to absolute
      units rather than normalized units.

2011-05-18 09:53 mauro

    * classes/@ao/: getdof.m, psdconf.m: Simplified a couple
      calculations. Might be useful in the future.

2011-05-18 08:48 hewitson

    * makeToolbox.m: increase version to 2.4.dev

2011-05-17 17:06 mauro

    * classes/@specwin/display.m: Cosmetics only

2011-05-17 17:06 mauro

    * classes/@ao/len.m: Use utils.helper.setoutputs to set outputs

2011-05-17 15:34 ingo

    * classes/@ao/fromXYVals.m: bug fix: remove the 'xunits' from the
      PLIST which is used for setting the properties (setProperties)
      fro the case that the data type is 'cdata'.

2011-05-16 21:22 mauro

    * html_help/help/.DS_Store: Removed a file we do not need to have
      here

2011-05-16 14:33 hewitson

    * html_help/help/ug/: releasenotesV2_4_content.html,
      releasenotes_content.html: Fixed two broken links.