

Change Log for LTPDA Toolbox v2.0rc2

M Hewitson 26-02-09

Introduction

This version of LTPDA is the third release candidate for V2.0.

This is mostly bug fixing from system testing and unit testing since the last release.

Detailed changes since v2.0rc2

2009-02-26 15:48 miquel

- * m-toolbox/classes/@pzmodel/: tomfir.m, tomiir.m: discretization from pzmodel throws a warning if the model has a delay

2009-02-26 15:43 hewitson

- * m-toolbox/classes/@ao/iplot.m: Bug fix in the xyz plot. For now, latex labels are always on. After V2 we can clean up this section.

2009-02-26 15:41 luigi

- * m-toolbox/html_help/help/ug/noisegen_content.html: updated

2009-02-26 15:17 luigi

- * m-toolbox/html_help/help/:
ug/ltlda_training_topic_5_5_content.html,
ug/ltlda_training_topic_5_content.html, helptoc.xml: updated

2009-02-26 15:12 hewitson

- * m-toolbox/classes/@ao/iplot.m: Checks for AOs with empty data now.

2009-02-26 15:02 luigi

- * m-toolbox/html_help/help/ug/images/ltlda_training_1/topic5/:
ltlda_training_5_2_1.png, ltlda_training_5_2_2.png,
ltlda_training_5_2_3.png: added figures

2009-02-26 15:01 luigi

*

m-toolbox/html_help/help/ug/ltlda_training_topic_5_2_content.html:
updated

2009-02-26 14:38 hewitson

* src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-26 14:38 hewitson

* src/MPipeline2/src/mpipeline/MCanvas.java: Removed some debug
output.

2009-02-26 14:30 miquel

* m-toolbox/classes/@pzmodel/: copy.m, rdivide.m, times.m: delay is
now correctly handled when multiplying or dividing pzmodels.

2009-02-26 14:12 anneke

* m-toolbox/html_help/help/ug/
images/ltlda_training_1/topic2/coloured.png,
images/ltlda_training_1/topic2/whiten.png,
ltlda_training_topic_2_3_content.html,
ltlda_training_topic_2_4_content.html,
ltlda_training_topic_2_6_content.html: plots for whitening

2009-02-26 12:54 luigi

* m-toolbox/html_help/help/ug/
ltlda_training_topic_5_1_content.html,
ltlda_training_topic_5_2_content.html,
ltlda_training_topic_5_3_content.html,
ltlda_training_topic_5_4_content.html: updated

2009-02-26 12:53 hewitson

* src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-26 12:45 hewitson

* src/MPipeline2/src/mpipeline/MCanvas.java: Fix for MANTIS bug
297.

There was a case missing in the reconnecting of a new subsystem.

2009-02-26 12:20 luigi

* m-toolbox/html_help/help/helptoc.xml: updated

2009-02-26 12:19 luigi

* m-toolbox/html_help/help/ug/: ndim_ng_content.html, ng1D_content.html, ng2D_content.html, ngND_content.html: help pages on noise generators - some need to be filled

2009-02-26 12:17 luigi

* m-toolbox/html_help/help/ug/images/: ng1D_1.png, ngEqn1.gif, ngEqn10.gif, ngEqn11.gif, ngEqn12.gif, ngEqn13.gif, ngEqn14.gif, ngEqn15.gif, ngEqn2.gif, ngEqn3.gif, ngEqn4.gif, ngEqn5.gif, ngEqn6.gif, ngEqn7.gif, ngEqn8.gif, ngEqn9.gif: images for noise generators help pages

2009-02-26 12:17 anneke

* m-toolbox/classes/@ao/resample.m: changed old d.fs to new bs(j).fs

2009-02-26 12:08 miquel

* m-toolbox/classes/@pzmodel/fromLISO.m: rewinds the pointer if it is searching an error line ('param') but does not find it.

2009-02-26 11:38 luigi

*
m-toolbox/html_help/help/ug/ltpda_training_topic_5_1_content.html: updated

2009-02-26 11:28 luigi

* m-toolbox/html_help/help/helptoc.xml: added zdomain fit help

2009-02-26 11:23 luigi

* m-toolbox/html_help/help/ug/zdomainfit_content.html: zdomainfit.html help page

2009-02-26 11:22 luigi

* m-toolbox/html_help/help/ug/images/zdomainfit_1.gif: zdomainfit.html figure 1

2009-02-26 11:11 anneke

- * m-toolbox/html_help/help/helptoc.xml: update

2009-02-26 09:55 hewitson

- * m-toolbox/classes/@ao/iplot.m: Bug fix. Some copied code got in the wrong place.

2009-02-26 09:51 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-26 09:50 hewitson

- * src/MPipeline2/src/mpipeline/MBlockCore.java: Fix for MANTIS bug 296.

Deleting my pipes now adds an undo event.

2009-02-26 09:32 mauro

- * m-toolbox/html_help/help/ug/: l_coherence_content.html, l_cpsd_content.html, l_psd_content.html, l_transfer_content.html, images/l_cohere_1.png, images/l_cohere_2.png, images/l_cpsd_1.png, images/l_cpsd_2.png, images/l_cpsd_3.png, images/l_psd_1.png, images/l_transfer_1.png, images/l_transfer_2.png: Update on documentation: - help fixed - examples updated - figures updated

2009-02-26 09:32 mauro

- * m-toolbox/html_help/help/ug/: coherence_content.html, cpsd_content.html, psd_content.html, transfer_content.html: Updated formatting

2009-02-26 09:04 mauro

- * m-toolbox/html_help/help/ug/images/launchbay.png: Updated figure

2009-02-26 09:04 mauro

- * m-toolbox/html_help/help/ug/: coherence_content.html, cpsd_content.html, psd_content.html, sigproc_spec_content.html, transfer_content.html, images/cohere_1.png, images/cohere_2.png, images/cpsd_1.png, images/cpsd_2.png, images/cpsd_3.png, images/psd_2.png, images/transfer_1.png, images/transfer_2.png, images/transfer_3.png: Update on documentation: - help fixed -

examples updated - figures updated

2009-02-26 09:02 mauro

- * m-toolbox/classes/@ao/: lxspect.m, xspect.m: Units were not handled properly Added units simplification in the case of CPSD

2009-02-26 08:01 hewitson

- * src/MPipeline2/src/mpipeline/MainWindow.java: If the user closes all pipelines, they are also given the chance to reset the workbench to "Untitled".

2009-02-26 08:00 hewitson

- * src/MPipeline2/src/mpipeline/BlockDiagram.java: If the user wants to save pipeline when deleting and the save fails or is cancelled, then the pipeline is not closed.

2009-02-26 06:56 hewitson

- * src/MPipeline2/src/mpipeline/: MainWindow.java, Utils.java: When saving the active pipeline, the pipeline gets the name of the file (without path and file extension) but the workbench keeps its old file name.

2009-02-25 22:21 hewitson

- * m-toolbox/html_help/help/helptoc.xml: Moved topic 2 sub items inside topic 2.

2009-02-25 22:14 hewitson

- * m-toolbox/html_help/help/helptoc.xml: Removed the section explicitly introducing the workbench. This was too late in the proceedings.

2009-02-25 22:14 hewitson

- * m-toolbox/html_help/help/ug/:
ltpda_training_topic_1_1_content.html,
ltpda_training_topic_1_2_content.html,
ltpda_training_topic_1_3_content.html: Further updates. The workbench usage is introduced more gradually as we go on.

2009-02-25 22:13 hewitson

- * m-toolbox/html_help/help/ug/images/ltpda_training_1/topic1/:

display_history_btn.png, fromValues_pset.png, hist_eg1.png, hist_eg2.png, lwb_ao_1.png, modifier_property.png, output_btns.png, play_btn.png, sets_combo.png, tsdata_pset.png, workbench_start.png: More images for Topic 1.

2009-02-25 20:51 hewitson

*

m-toolbox/html_help/help/ug/ltpda_training_topic_1_9_content.html:
I think this part is finished now. Should be quite easy for the people.

2009-02-25 20:50 hewitson

* m-toolbox/html_help/help/ug/ltpda_training_intro_content.html:
Removed topic 6.

2009-02-25 20:50 hewitson

* m-toolbox/html_help/help/ug/images/ltpda_training_1/topic1/:
ifo_cal_factor.png, ifo_cal_pipeline.png, temp_cal_pipeline.png:
New images for the first part of the ifo/temp example.

2009-02-25 20:11 ingo

* m-toolbox/html_help/help/: helptoc.xml,
ug/bycategory_content.html,
ug/constructor_examples_ao_content.html,
ug/constructor_examples_main_content.html,
ug/examplesindex_content.html: Update examples in the help documentation.

2009-02-25 20:08 hewitson

* src/MPipeline2/dist/MPipeline2.jar: Update jar file.

2009-02-25 20:08 hewitson

* src/MPipeline2/src/mpipeline/MainWindow.java: Make sure that the toolbar buttons behave as the menu items for save/load.

2009-02-25 20:08 hewitson

* src/MPipeline2/src/mpipeline/Utils.java: Removed some debug output.

2009-02-25 19:54 ingo

* testing/utp_1.1/utps/ao/utp_ao_dopplercorr.m: UTP update

2009-02-25 19:54 ingo

* testing/utp_1.1/utps/ao/utp_ao_ao.m: UTP update: read complex
ascii file

2009-02-25 19:51 ingo

* m-toolbox/classes/: @ao/ao.m, @ao/fromComplexDatafile.m,
@ltpda_uoh/fromDatafile.m, @ltpda_uoh/fromFile.m,
@ltpda_uoh/ltpda_uoh.m: Add constructor to read complex data
files.

2009-02-25 19:36 miquel

* m-toolbox/classes/: @pz/fq2ri.m, @pz/pz.m,
@pzmodel/fromRational.m, @rational/fromPzmodel.m,
@rational/respCore.m: This set of changes makes the rational and
pzmodel representation agree. Now, the transformation
pzmodel->rational->pzmodel does not change the original model and
resp(rational)=resp(pzmodel). Changes: - pz constructor: returns
two objects if $Q < 0.5$ - corrected a minus sign in rational
respCore - corrected a minus sign pz/fq2ri - fromRational:
(-2π) factor applied to real poles or zeros so that they are
given as frequencies to the pzmodel constructor. -fromPzmodel :
the rational numerator is always multiplied by the pzmodel gain

2009-02-25 19:18 luigi

* m-toolbox/test/LTPDA_training/topic5/: TrainigSession_T5_Ex01.m,
TrainigSession_T5_Ex02.m, TrainigSession_T5_Ex03.m: exercises
updated

2009-02-25 19:17 luigi

* m-toolbox/html_help/help/helptoc.xml: updated helptoc.xml with
topic 5 fields

2009-02-25 19:12 luigi

* m-toolbox/html_help/help/ug/:
ltpda_training_topic_5_1_content.html,
ltpda_training_topic_5_2_content.html,
ltpda_training_topic_5_3_content.html,
ltpda_training_topic_5_4_content.html,
ltpda_training_topic_5_content.html: worksheets for topic 5 to be
filled 5.2 5.3 5.4

2009-02-25 19:10 luigi

* m-toolbox/html_help/help/ug/images/ltpdata_training_1/topic5/:
ltpdata_training_5_1_1.gif, ltpda_training_5_1_2.png,
ltpdata_training_5_1_3.png, ltpda_training_5_1_4.png,
ltpdata_training_5_1_5.png, ltpda_training_5_1_6.png: figures for
topic 5.1

2009-02-25 18:53 hewitson

* m-toolbox/classes/@LTPDAworkbench/rebuildLibrary.m: Rebuild
library doesn't need ltpda_versions.

2009-02-25 18:44 anneke

* m-toolbox/html_help/help/ug/interp_content.html: update

2009-02-25 18:40 anneke

* m-toolbox/html_help/help/ug/:
ltpdata_training_topic_2_4_content.html,
ltpdata_training_topic_2_5_content.html: more on topic 2

2009-02-25 18:37 anneke

* m-toolbox/html_help/help/ug/images/ltpdata_training_1/topic2/:
detrend.png, down1.png, down2.png, interp.png, re1.png, re2.png,
up1.png, up2.png: fixed yaxis

2009-02-25 17:35 mauro

* m-toolbox/html_help/help/ug/:
ltpdata_training_topic_3_2_2_content.html,
images/ltpdata_training_1/topic3/PSD_2_flowchart.png: Preliminary
part of Topic 3 Ex PSD2

2009-02-25 17:33 mauro

*
m-toolbox/html_help/help/ug/images/ltpdata_training_1/topic3/PSD_1_flowchart.png:
Missing image file for Topic 3 Ex PSD1

2009-02-25 17:30 mauro

*
m-toolbox/html_help/help/ug/ltpdata_training_topic_3_2_1_content.html:
Updated

2009-02-25 17:30 mauro

*

m-toolbox/html_help/help/ug/ltpda_training_topic_1_9_content.html:
Fixed wrong units for temperature data

2009-02-25 16:40 anneke

* m-toolbox/html_help/help/ug/images/ltpda_training_1/topic2/:
down1.png, down2.png, interp.png, re1.png, re2.png, up1.png,
up2.png: figures for topic2

2009-02-25 15:57 anneke

* m-toolbox/html_help/help/ug/:
ltpda_training_topic_2_1_content.html,
ltpda_training_topic_2_2_content.html,
ltpda_training_topic_2_3_content.html,
ltpda_training_topic_2_4_content.html,
ltpda_training_topic_2_5_content.html,
ltpda_training_topic_2_6_content.html,
ltpda_training_topic_2_7_content.html,
ltpda_training_topic_2_content.html: starting topic2

2009-02-25 15:55 anneke

* m-toolbox/html_help/help/ug/: resample_content.html,
upsample_content.html, downsample_content.html: update

2009-02-25 14:40 luigi

* m-toolbox/test/LTPDA_training/topic5/: T5_Ex04_TestNoise.mat,
T5_Ex04_TestNoise.xml, T5_Ex05_TestNoise.mat,
T5_Ex05_TestNoise.xml: topic 5 test data

2009-02-25 14:31 mauro

* m-toolbox/html_help/help/ug/images/ltpda_training_1/topic3/:
PSD_1_PSD.png, workbench_PSD1_end.png, workbench_PSD1_start.png:
Some images files for the first example

2009-02-25 14:21 mauro

* m-toolbox/html_help/help/ug/:
ltpda_training_topic_3_1_content.html,
ltpda_training_topic_3_2_1_content.html,
ltpda_training_topic_3_2_content.html,

ltpda_training_topic_3_content.html: Content files for Topic 3. A lot more to do ...

2009-02-25 14:18 mauro

- * m-toolbox/html_help/help/helptoc.xml: Updated with Topic 3 contents

2009-02-25 13:44 luigi

- * m-toolbox/test/LTPDA_training/topic5/: TrainigSession_T5_Ex04.m, TrainigSession_T5_Ex05.m: topic 5 exercises 4 and 5

2009-02-25 13:43 luigi

- * m-toolbox/test/LTPDA_training/topic5/: TrainigSession_T5_Ex02.m, TrainigSession_T5_Ex03.m, gendata.m: exercise updated

2009-02-25 11:07 luigi

- * m-toolbox/test/LTPDA_training/topic5/: T5_Ex02_rfilt.mat, T5_Ex02_rfilt.xml, T5_Ex03_TestNoise.mat, T5_Ex03_TestNoise.xml, TrainigSession_T5_Ex01.m, TrainigSession_T5_Ex02.m, TrainigSession_T5_Ex03.m, gendata.m: test data and exercises for training session

2009-02-25 10:32 anneke

- * m-toolbox/html_help/help/helptoc.xml: topic2

2009-02-25 10:29 hewitson

- * m-toolbox/test/LTPDA_training/ifo_temp_example/: temp_training.dat, temp.mat, ifo_training.dat, ifo.mat: Data for the first steps of the ifo/temp example.

2009-02-25 10:28 hewitson

- * m-toolbox/test/LTPDA_training/topic1/: mkDataFiles.m, multicolumnASCII.txt, simpleASCII.txt: The data files for topic 1.

2009-02-24 22:55 hewitson

- * m-toolbox/html_help/help/helptoc.xml: Revised table of contents.

2009-02-24 22:54 hewitson

* m-toolbox/html_help/help/ug/: ltpda_training_intro_content.html,
ltpda_training_intro_content.html,
ltpda_training_topic_1_9_content.html,
ltpda_training_topic_1_content.html,
images/ltpda_training_1/ifo_temp_model.png: Starting to fill in
the details of the IFO/Temperature example.

Added an overall description of the tasks in the introduction
page.

Added the first steps under topic 1. Still some way to go though.

2009-02-24 19:15 hewitson

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

2009-02-24 19:10 hewitson

* src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-24 19:10 hewitson

* src/MPipeline2/src/mpipeline/PlistTableModel.java: Added support
for loading any file type and saving .txt files.

2009-02-24 19:09 hewitson

* m-toolbox/classes/@LTPDAworkbench/parseReadyBlocks.m: Fix for
MANTIS bug 286.

The case insensitivity was missed in one place.

2009-02-24 19:03 hewitson

* m-toolbox/classes/@LTPDAworkbench/: parseReadyBlocks.m, reset.m:
Further checks and errors for bad variable names.

2009-02-24 18:02 ingo

* m-toolbox/classes/@mfir/mfir.m: MANTIS bug 0000283: Add missing
information about 'fs' of 'From Pzmodel' to the help.

2009-02-24 17:55 ingo

* m-toolbox/classes/: @parfrac/parfrac.m, @pzmodel/pzmodel.m,
@rational/rational.m: MANTIS bug 0000285: Add some examples to
the help

2009-02-24 16:37 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-24 16:35 hewitson

- * m-toolbox/classes/@LTPDAworkbench/: parseReadyBlocks.m, reset.m, runPipeline.m: Fix for MANTIS bug 284.

Added some checks and appropriate error messages if blocks have been named with invalid matlab variable names.

2009-02-24 15:37 hewitson

- * src/MPipeline2/src/mpipeline/: PzmodelEditDialog.form, PzmodelEditDialog.java: Fix for MANTIS bug 282.

The table models are initialise in the constructor now.

2009-02-24 15:33 hewitson

- * src/MPipeline2/src/mpipeline/Utils.java: Fix for MANTIS bug 281.

Now block names can't begin with a number because that is not a valid MATLAB variable name. An 'x' is prepended. This follows MATLAB's convention coming from genvarname.m.

2009-02-24 15:18 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Update to jar file.

2009-02-24 15:18 hewitson

- * src/MPipeline2/src/mpipeline/MBlockCore.java: Make the context menu more appropriate for the different block types.

2009-02-24 15:15 hewitson

- * src/MPipeline2/src/mpipeline/MConstant.java: Fix for MANTIS bug 280.

The mouse listener was added twice by mistake.

2009-02-24 15:12 hewitson

- * m-toolbox/classes/@ao/consolidate.m: Set the minimum input arguments to 2.

2009-02-24 13:01 ingo

* m-toolbox/classes/: @ltpda_tf/ltpda_tf.m, @ltpda_tf/resp.m, @parfrac/parfrac.m, @parfrac/resp.m, @parfrac/respCore.m, @pzmodel/pzmodel.m, @pzmodel/resp.m, @pzmodel/respCore.m, @rational/rational.m, @rational/resp.m, @rational/respCore.m:
Create a general 'resp' method in the ltpda_tf class which calls the particular core method (respCore) of the classes 'pzmodel', 'rational' and 'parfrac'. This core method computes only the response of one object with the given f-vector. The selecting/creating of the f-vector, creating the output AO, ... is done by the general 'resp' method.

2009-02-24 11:43 mauro

* testing/utp_1.1/utps/ao/utp_ao_psd.m: Updated with statistical tests

2009-02-24 10:47 miquel

* m-toolbox/html_help/help/helptoc.xml: update help structure. Removed one section explaining transforming transfer functions between different representation. This is covered by the constructor (parfrac, rational, pzmodel) help.

2009-02-24 10:44 miquel

* m-toolbox/html_help/help/ug/: parfrac_content.html, pzmodel_model_content.html, rational_content.html, images/parfrac_tf_eqn.png, images/pzmodel_tf_eqn.png, images/rational_tf_eqn.png: Added section in the help for the rational transfer function. Updated equations for the three transfer functions so that they all look the same Rational is not finished yet... Transform to IIR needs update

2009-02-24 10:42 mauro

*
testing/utp_1.1/utps/ao/reference_files/ref_whitenoise_20000s_10Hz.xml:
Reference data needed for ao/psd UTPs

2009-02-24 10:42 mauro

* testing/utp_1.1/utps/ao/reference_files/create_ref_whitenoise.m:
Updated with more reference data

2009-02-24 10:41 mauro

* m-toolbox/classes/@ao/: cohere.m, cpsd.m, lcohere.m, lcpsd.m, lpsd.m, ltfe.m, psd.m, tfe.m: Help updated

2009-02-24 10:38 mauro

* m-toolbox/classes/@ao/: lxspecc.m, xspecc.m: Handles Kaiser window input as string (user needs to specify psll)

2009-02-24 10:14 mauro

* m-toolbox/classes/@ao/psd.m: Handles Kaiser window input as string (user needs to specify psll) Help fixed

2009-02-24 09:57 hewitson

* src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-24 09:56 hewitson

* src/MPipeline2/src/mpipeline/: MATBlock.java, MainWindow.java, PlistTableModel.java, PzmodelEditDialog.form, PzmodelEditDialog.java, SimpleInputDialog.form, SimpleInputDialog.java, SpecwinEditDialog.form, SpecwinEditDialog.java: On dialog forms, we are now offered a choice of input ports, as well as the standard choices.

2009-02-24 09:56 hewitson

* src/MPipeline2/src/mpipeline/ModelSelectionDialog.java: Removed unnecessary imports.

2009-02-24 09:55 hewitson

* src/MPipeline2/src/mpipeline/MElementWithPorts.java: New methods to get lists of input port numbers.

2009-02-24 09:54 hewitson

* src/MPipeline2/src/mpipeline/ModelComboBoxModel.java: unneeded class.

2009-02-23 21:07 hewitson

* src/MPipeline2/src/mpipeline/: HelpDialog.java, UnderlineHighlighter.java, WordSearcher.java: Added the two new classes which handle the searching and highlighting of matches in the help files.

2009-02-23 21:06 ingo

- * testing/utp_1.1/utps/rational/utp_rational_resp.m: UTP update

2009-02-23 20:36 ingo

- * m-toolbox/classes/@rational/resp.m: Some bug fixes

2009-02-23 20:29 hewitson

- * src/MPipeline2/src/mpipeline/: HelpDialog.form, HelpDialog.java:
Now has a search field as requested on MANTIS bug 272.

2009-02-23 20:28 hewitson

- * src/MPipeline2/src/mpipeline/MainWindow.java: Just increased the length of the test help text.

2009-02-23 20:05 hewitson

- * m-toolbox/classes/@LTPDAworkbench/stepForward.m: Updates the progress bar now.

2009-02-23 20:04 hewitson

- * m-toolbox/: makeToolbox.m, mk_functions_by_category.m: I think we don't need ltpda_versions anymore, so I've commented this out in makeToolbox because it is the slow part. Also rewrote mk_functions_by_category so that it doesn't use ltpda_versions now.

2009-02-23 20:03 hewitson

- * m-toolbox/classes/@LTPDAworkbench/executeReadyBlocks.m: The ready blocks are returned from the parser, rather than a second call to the GUI.

2009-02-23 20:03 hewitson

- * m-toolbox/classes/+utils/@helper/ltpda_userclasses.m: Switch output on and off for this call.

2009-02-23 20:02 hewitson

- * m-toolbox/classes/@LTPDAworkbench/parseReadyBlocks.m: Bug fix.

2009-02-23 19:46 hewitson

- * m-toolbox/classes/+utils/@helper/ltpda_classes.m: Removed and old class from the list.

2009-02-23 19:15 hewitson

- * m-toolbox/classes/@ao/mdc1_ifo2acc_fd.m: An updated version that works with the current versions of the built-in models.

2009-02-23 19:13 hewitson

- * m-toolbox/classes/@ao/iplot.m: Replacing the lost code between versions 1.67 and 1.68. Merged the two versions to this new one. Strange.

2009-02-23 18:20 luigi

- * m-toolbox/classes/@miir/fromAB.m: updated according to Ingo indications

2009-02-23 18:06 ingo

- * testing/utp_1.1/utps/ao/utp_ao_unwrap.m: UTP update

2009-02-23 17:38 ingo

- * m-toolbox/classes/@unit/unit.m: Add new constructor: unit([])
This create also an empty unit object. This is the same as:
unit('') or unit() This is usefull for f.iunits = unit(find(pl,
'iunits')). If the key 'iunits' is not in the plist created then
creates the constructor a empty unit object.

2009-02-23 17:37 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-23 17:34 hewitson

- * m-toolbox/classes/@ao/downsample.m: Throws an error if the downsample factor turns out to be zero.

Fix to MANTIS bug 277.

2009-02-23 17:31 luigi

- * m-toolbox/classes/@miir/fromAB.m: bug fixed - now it is safe also the case of not assigned units...

2009-02-23 17:27 hewitson

* src/MPipeline2/src/mpipeline/MPipe.java: Fix for MANTIS bug 276.

Linewidth must be a number now, otherwise an error message is popped up.

2009-02-23 17:10 hewitson

* src/MPipeline2/src/mpipeline/MainWindow.java: Attempt a fix for non-reproducible MANTIS bug 270.

Added an explicit repaint of the pipeline list after deleting a document.

2009-02-23 17:08 hewitson

* src/MPipeline2/src/mpipeline/: MainWindow.java, PlistTableModel.java: Some more work on file dialogs. Now a default file is selected in some circumstances, for example, when the file was already chosen, then the user wants to change the file, then the file dialog shows the current choice.

This is in response to MANTIS bug 269.

2009-02-23 17:07 luigi

* m-toolbox/classes/@miir/fromAB.m: added the possibility to set iunits and ounits in miir/fromAB

2009-02-23 17:01 ingo

* testing/utp_1.1/utps/ao/utp_ao_xcorr.m: UTP update

2009-02-23 16:56 ingo

* m-toolbox/classes/@ao/: xcorr.m, xspec.m: Suppress intermediate history steps.

2009-02-23 16:55 ingo

* m-toolbox/classes/@ao/fromWaveform.m: Add error message. MANTIS 0000275

2009-02-23 16:44 hewitson

* src/MPipeline2/src/mpipeline/MCanvas.java: Fix for MANTIS bug 267.

The destination block is also assigned if the user clicks on the block labels. Before it was left null.

2009-02-23 16:29 luigi

- * m-toolbox/classes/@rational/fromPzmodel.m: this should solve the problems occurred with no zeros or no poles in input

2009-02-23 14:08 luigi

- * testing/utp_1.1/utps/ao/utp_ao_curvefit.m: utp update

2009-02-23 13:21 ingo

- * m-toolbox/classes/@ltpda_obj/eq.m: Bug fix: To compare structures it is necessary to run over all fields AND all object. -> Added loop for all objects.

2009-02-23 12:57 luigi

- * testing/utp_1.1/utps/ao/utp_ao_curvefit.m: utp for ao/curvefit

2009-02-23 12:56 luigi

- * m-toolbox/classes/@ao/curvefit.m: set the modifier properties to false - it does not make sense to keep it to true when the output are the fit parameters (it does not work properly anyway)

2009-02-23 12:10 miquel

- * m-toolbox/html_help/help/: helptoc.xml, ug/TransferFunction_model_content.html: Added sections in the help for the two new transfer functions models: parfrac and rational.

2009-02-23 11:31 ingo

- * m-toolbox/classes/@ao/downsample.m: Typo MANTIS BUG 0000186

2009-02-23 09:37 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-23 09:37 hewitson

- * src/MPipeline2/src/mpipeline/: BlockDiagram.java, MCanvas.java, MainWindow.form, MainWindow.java: Added the little progress bar to the bottom of canvas. Also activated the block info toolbar

button. Only works for LTPDA Blocks so far.

2009-02-23 09:36 hewitson

- * src/MPipeline2/src/mpipeline/QuickBlock.java: Method name changed.

2009-02-23 09:35 hewitson

- * src/MPipeline2/src/mpipeline/Utils.java: A new static method to resize table columns.

2009-02-23 09:35 hewitson

- * src/MPipeline2/src/mpipeline/MSubsystem.java: When counting the blocks to execute, include all blocks, not just MBlocks.

2009-02-23 09:34 hewitson

- * src/MPipeline2/src/mpipeline/: MBlockInfoDialog.form, MBlockInfoDialog.java: New dialog to show info about a block.

2009-02-23 09:34 hewitson

- * src/MPipeline2/src/mpipeline/ProgressPanel.java: A new class for displaying a subtle progress bar at the bottom of the canvas.

2009-02-22 17:04 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.java, src/mpipeline/PListTableModel.java: A couple of small fixes to the new file dialogs. We need to support multiple file extension since we can load/save AOs as mat or xml.

2009-02-22 17:01 hewitson

- * m-toolbox/m/ao_models/: ao_model_mdc1_fd_Sdf.m, ao_model_mdc1_fd_Ssus.m, ao_model_mdc1_fd_Tdf.m, ao_model_mdc1_fd_Tsus.m, ao_model_mdc1_fd_df_controller.m, ao_model_mdc1_fd_dynamics.m, ao_model_mdc1_fd_i1o12.m, ao_model_mdc1_fd_sus_controller.m: Added support for the parameters to be AOs. We should do this for the other models!

2009-02-22 16:42 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java,

src/mpipeline/PlistTableModel.java: Done some unifying of the save/load dialogs across the whole workbench. Everything is simplified to two methods of the MainWindow class. So saving/loading files should always observe the 'current directory'. This includes setting filenames on load and save blocks.

There is one small behaviour I'm not happy with. On OS X it is recommended (by Apple) to use the old `FileDialog` class instead of the new `JFileChooser` dialog in order to get more OS X-like behaviour. Unfortunately, doing this means the the file chooser automatically checks for overwriting files when in save mode. But then we need to do the check again in the java gui because the `FileDialog` only checks if the user includes the file extension (so a full match) but I want to support having no file extension entered; it then gets added by the workbench. So we have to perform the 'file exists' check a second time. On other platforms, the new `JFileChooser` is used, and that does no automatic checking. I think the benefits of using the `FileDialog` on OS X outweigh this small annoyance of being asked twice whether to overwrite a file.

2009-02-22 13:20 hewitson

- * m-toolbox/m/ao_models/ao_model_mdc1_fd_i1o12.m: A new model that constructs the transfer function from DFACS bias of the drag-free loop to the IFO output of the suspension loop: i1->o12.

2009-02-22 12:58 hewitson

- * m-toolbox/classes/@LTPDAworkbench/parseReadyBlocks.m: 1) Added more functionality to the parsing of `PORT_#` entries in plists. It is now possible to have plist values such as '[PORT_0, PORT_1]' where the value will be the concatenation of the two input port values. This is especially useful when using curvefit because the ADDP parameter requires a cell-array of inputs. Now we can specify '{2, PORT_3, PORT_1}' or whatever for this value.

2) Added support for the `MATfcn` blocks, though the user can't put these on the canvas as yet.

3) Cleaned up the code and modularised it in to sub functions.

2009-02-22 12:56 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Update jar file.

2009-02-22 12:55 hewitson

- * src/MPipeline2/src/mpipeline/MCanvas.java: Added support for the new block type, but the menu item is commented out until post V2.

Also, pressing on the canvas requests focus again. This was removed from the 'mouse enters' event, but then the canvas doesn't get focus and no keyboard events work. So now you need to press on the canvas to make it have focus again.

2009-02-22 12:53 hewitson

- * src/MPipeline2/src/mpipeline/MATfcn.java: A new block type which can represent any MATLAB function. The command is build from the function name and the input ports. This will be deactivated for V2. And anyway, we have to think if we really want this. Using this block to can construct a 'normal' MATLAB script on the canvas. Of course, breaking the history is just as possible as it is for scripts now.

2009-02-22 12:51 hewitson

- * src/MPipeline2/src/mpipeline/MATBlock.java: Bug fix. We can only update the property table if the block is on a canvas; so we check first.

2009-02-22 10:59 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MATBlock.java: Use the SimpleInputDialog for setting the expression, and make sure the property table is updated after the edit.

2009-02-22 10:45 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java: Fix for MANTIS bug 262.

Setting the window states was not as obvious as I thought. For example, setting all windows to maximised only works if they are not iconized, etc. Added the appropriate missing commands to get the behaviour I was looking for.

2009-02-21 19:44 hewitson

- * m-toolbox/classes/@ao/evaluateModel.m: Set Xunits to sensible values for the different cases.

2009-02-21 19:43 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java: Removed the unnecessary version string (we have an About box now) and resized the main window a bit to try to maximise screen usage.

2009-02-21 19:42 hewitson

- * src/MPipeline2/src/mpipeline/MCanvas.java: Just some cleaning up of old code.

2009-02-21 17:32 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MCanvas.java, src/mpipeline/MainWindow.java: Removed an unnecessary focus request. Hopefully this fixes the behaviour reported in MANTIS bug 266.

2009-02-21 17:27 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java: A nicer library search mechanism. Now shift-enter steps through possible matches. Enter on its own adds the currently matched block.

2009-02-21 17:17 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java: Fix for MANTIS bug 265.

Make library search more robust. If the search hits the end of the library, it resets to the start.

2009-02-21 16:50 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java: The context menu on the library allows adding of all selected blocks. Unfortunately it seems that drag-n-drop of multiple blocks is not so easy to do, though I'll continue to look for a solution.

2009-02-21 16:27 hewitson

- * m-toolbox/classes/@ao/evaluateModel.m: Also handle non-cell-array

ADDP.

In addition, if the user function returns an AO, we extract the y-data before building the new AO.

2009-02-21 16:26 hewitson

* m-toolbox/classes/@ao/curvefit.m: If the ADDP parameter is not a cell, then we make it a cell. This means this is only really correct if ADDP is a single element. The problem is to deal with cell-arrays on the workbench. This provides a workaround for simple cases, at the moment. But something better needs done. Maybe we should have an ltpda_uo method to make a cell array from an set of input objects.

2009-02-21 16:14 hewitson

* src/MPipeline2/: dist/MPipeline2.jar,
src/mpipeline/BlockDiagram.java, src/mpipeline/MCanvas.java,
src/mpipeline/MainWindow.form, src/mpipeline/MainWindow.java:
Moved the coordinate display to the bottom of each document. Also added a zoom popup box to the bottom of each canvas.

2009-02-21 14:28 hewitson

* src/MPipeline2/: dist/MPipeline2.jar, icons/explore.png,
icons/plot.png, src/mpipeline/MCanvas.java,
src/mpipeline/MTextEditor.form, src/mpipeline/MTextEditor.java,
src/mpipeline/MainWindow.form,
src/mpipeline/SpecwinEditDialog.form, nbproject/build-impl.xml,
nbproject/genfiles.properties, nbproject/project.xml: Fix for MANTIS bug 261.

Pipeline names can no longer be empty.

2009-02-21 14:02 hewitson

* m-toolbox/m/ao_models/: ao_model_mdc1_fd_Sdf.m,
ao_model_mdc1_fd_Ssus.m, ao_model_mdc1_fd_Tdf.m,
ao_model_mdc1_fd_Tsus.m, ao_model_mdc1_fd_df_controller.m,
ao_model_mdc1_fd_dynamics.m, ao_model_mdc1_fd_sus_controller.m:
After the changes to make the frequency-domain calibration of MDC1 work again, the closed-loop transfer functions were all wrong. The main reason is that the dynamics were inverted. The model mdc1_fd_dynamics is really the transfer function from commanded force to displacement, not the inverse. It is a double integrator. Also, it now has the correct units of [m N⁻¹].

Also set the units of the controllers back to $[N\ m^{-1}]$ and explicitly included an IFO model in the closed-loop models, even though it is just a vector of ones with units $[m\ m^{-1}]$.

I think we need to revisit the frequency-domain calibration of MDC1 to make it work without changing these models.

2009-02-21 12:51 hewitson

- * src/MPipeline2/src/mpipeline/: LisaPF-logo_trans_small.png, add.png, back.png, copy.png, delete.png, display.png, down.png, explore.png, exportWS.png, fast_forward.png, forward.png, help.png, history.png, import.png, minus.png, new.png, paste.png, play.png, play2.png, plot.png, plus.png, redo.png, refresh.png, remove.png, reset.png, rewind.png, save.png, save_as.png, search.png, show_info.png, skipForward.png, skip_forward.png, stepBackward.png, stepForward.png, undo.png, up.png, zoom.png, zoom_in.png, zoom_in_16x16.png, zoom_out.png, zoom_out_16x16.png: Force commit of all icons to make sure the cvs has the latest versions.

2009-02-21 12:50 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.java: Here the menu item is off for new text documents.

2009-02-21 12:49 hewitson

- * src/MPipeline2/src/mpipeline/: BlockDiagram.java, MTextDocument.java, MTextEditor.form, MTextEditor.java, MainWindow.form, MainWindow.java: Started adding support for basic text documents in the workbench. The idea is to be able to provide simple documents with a set of pipelines (like a README for example). This menu item will be switched off for V2.

Also fixed a bug in loading an empty canvas from file.

2009-02-21 11:31 hewitson

- * src/MPipeline2/src/mpipeline/: ExecutionPlan.java, ExecutionPlanView.form, ExecutionPlanView.java, ExecutionStep.java, MainWindow.java: Started some code to add the feature of an 'execution plan' to a workbench. The plan is the user will be able to make an execution list from the pipelines in the workbench, then execute all these chosen pipelines in the chosen order. So far just some infrastructure in place, with the menu items commented out. This will be made to work after V2.

2009-02-20 17:59 luigi

- * m-toolbox/test/test_ao_diff.m: test updated

2009-02-20 17:58 luigi

- * m-toolbox/classes/@ao/diff.m: added proper units to differentiated data

2009-02-20 16:59 nicola

- * m-toolbox/classes/: @ao/hist.m, @ao/iploty.m, @ao/split.m, @ltpda_filter/resp.m, @mfir/mfir.m, @miir/miir.m, @parfrac/parfrac.m, @plist/plist.m, @pzmodel/pzmodel.m, @rational/rational.m, @specwin/specwin.m, @ssm/ssm.m, @time/time.m, @timespan/timespan.m: Fixed to make the set call case insensitive.

2009-02-20 16:47 luigi

- * m-toolbox/classes/+utils/@math/: autocfit.m, autodfit.m, vcfit.m, vdfit.m: made some changes to automatically plot in a new window when other figures are open

2009-02-20 16:27 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/SpecwinEditDialog.java, nbproject/project.properties: Fix for MANTIS bug 258.

Now the specwin dialog starts from some sensible default constructor.

2009-02-20 16:17 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MCanvas.java, src/mpipeline/MElement.java, src/mpipeline/MElementWithPorts.java, src/mpipeline/MNode.java, src/mpipeline/MPipe.java: some cleaning up of how zooming is working. Still something wrong somewhere, but I can't find it at the moment.

2009-02-20 16:09 nicola

- * m-toolbox/classes/: @ao/ao.m, @ao/iplot.m, @parfrac/resp.m, @pzmodel/resp.m, @rational/resp.m: Fix to make the set call case insensitive and to uniform the behavior, when the call asks for

an inexistent set.

2009-02-20 15:29 luigi

- * testing/utp_1.1/utps/ao/: utp_ao_sDomainFit.m, utp_ao_zDomainFit.m: utp update

2009-02-20 15:27 luigi

- * m-toolbox/classes/@ao/zDomainFit.m: set modifier to false changed history assignement

2009-02-20 14:06 hewitson

- * m-toolbox/classes/@ssm/ssm.m: Fix for MANTIS bug 168.

Corrected the documentation.

2009-02-20 14:01 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MAnnotation.java, src/mpipeline/MCanvas.java: Fix for MANTIS bug 256.

Adding a terminal or subsystem or note was still using an old (and broken) method for checking the name. Changed to use the new method that is already used by the other block types.

2009-02-20 13:42 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MainWindow.java: Fix for MANTIS bug 209.

There was a problem setting the directory of the file chooser in a platform dependent way. This is fixed now by making sure that lastLoadPath and lastSavePath are seen as directories and by not using the setSelectedFile() method of the chooser when loading.

2009-02-20 13:25 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar, src/mpipeline/MCanvas.java, src/mpipeline/MCanvasDeleteEdit.java: Fix for MANTIS bug 217.

Some checks that stop connections being added to the undo list more than once. This was happening if, for example, a block was selected and one of its pipes, then these were deleted.

2009-02-20 13:24 hewitson

- * src/MPipeline2/src/mpipeline/MConnection.java: Override the toString() method (for displaying messages) and make a new method that checks if two connections are really the same thing.

2009-02-20 13:23 hewitson

- * src/MPipeline2/src/mpipeline/MElement.java: Moved an output message to be debug.

2009-02-20 12:56 hewitson

- * src/MPipeline2/: dist/MPipeline2.jar,
src/mpipeline/MBlockCore.java: Fix for MANTIS bug 215.

It seems that last time I forgot to finish the code before closing the bug :)

2009-02-20 12:51 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-20 12:51 hewitson

- * src/MPipeline2/src/mpipeline/MainWindow.java: Further work on the selecting of documents for cross-platform compatibility.

2009-02-20 12:37 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file for testing on windows.

2009-02-20 12:28 luigi

- * testing/utp_1.1/utps/ao/utp_ao_sDomainFit.m: utp update

2009-02-20 12:27 luigi

- * m-toolbox/classes/@ao/sDomainFit.m: set modifier to false changed the history assignement

2009-02-20 12:06 hewitson

- * src/MPipeline2/dist/MPipeline2.jar: Updated jar file.

2009-02-20 12:05 hewitson

- * src/MPipeline2/src/mpipeline/: BlockDiagram.java,

MainWindow.java: Turns out there are two methods for a window requesting focus. One of these (the one I was using) was platform dependent. Switched to using the other one (it always helps to read the help).

2009-02-20 11:35 hewitson

- * m-toolbox/m/etc/ltpda_startup.m: Put back the LTPDA Print and Plot settings. The point was to remove them from the GUI, not from the ltpda_startup. We can reintegrate these back in to the GUI after V2 when we figure out how this should work.

2009-02-20 11:30 hewitson

- * m-toolbox/classes/: @ao/iplot.m, @unit/tolabel.m: Some more work trying to make x and y labels appear properly. It turns out that a bug in MATLAB (at least we think so) is making the latex interpreter go crazy for certain units. So, we now have a plist option to switch on or off the use of latex labels. The default is true for windows, and false otherwise.

2009-02-20 09:51 anneke

- * m-toolbox/html_help/help/ug/: ao_create_content.html, franklin_ng_content.html: update

2009-02-20 09:48 miquel

- * m-toolbox/html_help/help/ug/: psd_content.html, images/psd_1.png, images/psd_2.png: updated html help for psd

2009-02-20 08:53 hewitson

- * src/MPipeline2/src/mpipeline/: MCanvas.java, MElement.java: Fix for MANTIS bug 191.

Forgot to include the scale factor when checking the boundaries of the canvas.

2009-02-19 18:53 luigi

- * m-toolbox/classes/@ao/whiten1D.m: now assumes having a one-sided psd model at input (of course it works also with no model input)

2009-02-19 18:46 luigi

- * m-toolbox/test/: test_ao_noisegen1D.m, test_ao_noisegen2D.m, test_ao_noisegen2D_mdc2.m, test_ao_whiten1D.m,

test_ao_whiten2D.m: test updated

2009-02-19 18:38 luigi

- * m-toolbox/classes/@ao/whiten2D.m: assumes that the model in input is the one-sided csd

2009-02-19 18:37 luigi

- * m-toolbox/classes/@ao/noisegen2D.m: now generates data with one-sided csd equal to the model input

2009-02-19 18:37 luigi

- * m-toolbox/classes/@ao/noisegen1D.m: now generates data with one-sided psd equal to the model input corrected the history assignement corrected the output

2009-02-19 18:35 luigi

- * testing/utp_1.1/utps/ao/utp_ao_noisegen1D.m: utp update

2009-02-19 18:34 luigi

- * testing/utp_1.1/utp_fcns/get_test_obj_ao_noisegen1D.m: generates test objects for noisegen1D

2009-02-19 18:34 luigi

- * testing/utp_1.1/utp_fcns/: get_test_obj_ao_noisegen2D.m, get_test_obj_ao_whiten2D.m: updated

2009-02-19 17:57 anneke

- * m-toolbox/classes/@ao/polyfit.m: inserted modifier error

2009-02-19 17:56 anneke

- * testing/utp_1.1/utps/ao/utp_ao_polyfit.m: corrected for new usage

2009-02-19 17:55 anneke

- * testing/utp_1.1/utps/ao/utp_ao_lscov.m: removed test of second output

2009-02-19 15:50 luigi

- * testing/utp_1.1/utps/ao/utp_ao_whiten2D.m: utp update

2009-02-19 15:49 luigi

- * testing/utp_1.1/utp_fcns/get_test_obj_ao_whiten2D.m: function to generate test objects for utp_ao_whiten2D

2009-02-19 15:48 luigi

- * m-toolbox/classes/@ao/whiten2D.m: some bugs with history and output fixed