

Kepler - Bug #3191

Merge TextEditor changes with ptll source

03/28/2008 02:48 PM - ben leinfelder

Status:	Resolved	Start date:	03/28/2008
Priority:	Normal	Due date:	
Assignee:	Christopher Brooks	% Done:	0%
Category:	actors	Estimated time:	0.00 hour
Target version:	1.0.0	Spent time:	0.00 hour
Bugzilla-Id:	3191		

Description

These changes from src/exp in Kepler should be included in the ptll tree:

src/exp/ptolemy/gui

Query.java

UndoListener.java

src/exp/ptolemy/actor/gui

TextEditorTableau.java

TextEditor.java

Christopher Brooks is aware of these changes. See his email below:

These changes sound reasonable to me for the ptll devel trunk.

There is a similar bug that came out of discussions with Ian:

"Editing Python Scripts is difficult"

https://chess.eecs.berkeley.edu/bugzilla/show_bug.cgi?id=138

There is this larger question though: We could spend effort on trying to make a good editor out of TextEditor, or we could solve this problem in other ways.

I see several possibilities:

1) Enhance TextEditor et al.

- This is not much effort, but developing a full editor is real work.

Edward and I did this with Tycho using Tcl/Tk. The problem is that people want more and more features (syntax highlighting, syntax checking, jump from stack trace)

2) Find something better and add it to the ptll tree

- More work, but we end up with something that is probably so so.

3) Provide an interface to an arbitrary editor (Netbeans, Eclipse, Emacs)

- The interface to Emacs sort of works

- I'm not sure if this is possible for Netbeans and Eclipse

4) Interface to something like Netbeans or Eclipse

- This is lots of work, and ties us to one program. However, it seems like an eventual goal.

Anyway, enhancing TextEditor seems reasonable.

There are also issues concerning modal dialogs. Personally, I really don't like the modal dialog we use for editing parameters. It makes it impossible to compare parameters between two actors. However, because of various reasons surrounding parameter evaluation, we have modal dialogs. It sounds like we are talking about leaving the Python code open as a non-modal window? My concern here is that this might cause other problems. I'm not sure about this though.

Anyway, I say go for checking the changes in. These changes will probably not appear in the ptll rel-7-0-beta-2 branch. I'm only folding bug fixes into the rel-7-0-beta-2 branch. This is a rather nice enhancement, not a bug in current functionality. That said, we could start a ptll branch for these and other enhancements that would

be used as for the Kepler 1.0 release.

_Christopher

Related issues:

Blocked by Kepler - Bug #3185: Ctrl-z does not "undo" in RExpression actor	Resolved	03/25/2008
Blocked by Kepler - Bug #3186: commit RExpression code changes, but leave act...	Resolved	03/25/2008
Blocked by Kepler - Bug #3187: RExpression actor does not share focus	In Progress	03/25/2008

History

#1 - 03/29/2008 08:53 PM - Christopher Brooks

Ok, I updated Query, UndoListener and TextEditor in the ptll tree and removed these files from kepler/src/exp/ptolemy.
I did not update TextEditorTableau, see http://bugzilla.ecoinformatics.org/show_bug.cgi?id=3187

I think this bug can probably be closed pending verification that the changes work.

#2 - 03/31/2008 11:15 AM - ben leinfelder

closing this bug - I'm happy with the undo/redo. (thanks, cxh)

#3 - 03/27/2013 02:22 PM - Redmine Admin

Original Bugzilla ID was 3191