

Modular - Feature Request #790 subpatchers and namespace encapsulation

2011-06-29 09:27 am - Pascal Baltazar

Status:	Closed	Start date:	2011-06-29
Priority:	Normal	Due date:	
Assignee:	Théo de la Hogue	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	MVC for 0.6	Spent time:	0.00 hour
Branch:			
Description			
<p>in order to develop while playing, or playing while developing, it would be extremely useful to use jcom.hubs in patchers, and not only in abstractions.</p> <p>this is already possible by giving the name of the desired node as argument of jcom.hub, but there is a problem : the node name has to be prepended to all the parameter names</p> <p>this implies that, when using different namespace levels, all parent levels have to be prepended to parameters....</p> <p>this is not very nice, and also inconsistent with the way relative/absolute addresses work</p> <p>a potential solution to this problem would be to use subpatcher encapsulation to define the different namespace levels</p> <p>2 attached patchers show how things are currently behaving, and how I believe it should behave...</p>			

History

#1 - 2011-07-02 04:25 pm - Pascal Baltazar

- File *testSub.maxpat* added
- Status changed from *New* to *Resolved*

thanks Théo, it works !

there's only one thing, I don't know if that's a bug or a limitation due to Max behaviour :

- jcom.hubs and parameters cannot subscribe until the patcher has been saved :

jcom.hub: Can't get the class from the patcher. Subscription failed

jcom.hub: Jamoma cannot register

jcom.parameter: Can't get the class from the patcher. Subscription failed

jcom.parameter: Jamoma cannot register toto

a few limitations we also have to document :

- the name of the node of jcom.hub is based on the name of the patcher
- jcom.hubs have to be created first, in order for the jcom.parameters in the same patcher (or below) to subscribe to them
- when a subpatcher is duplicated and renamed, jcom.hub keeps the name of the original subpatcher, until it is rebuilt (by reloading the patcher, or cutting/pasting the subpatcher)
- putting

I guess these cannot be overcome.... as it seems to depend on the way Max is designed concerning subpatchers - please confirm and then close the FR is that's the case....

#2 - 2011-07-19 12:44 pm - Théo de la Hogue

Hi Pascal,
great news !

actually there is a limitation into the code so I proposed to remove this limitation by using a default class name like in Max : "Untitled" so the subscription process can go ahead and the problem disappears.

considering the other points I'm agree : it have to be documented.

#3 - 2011-07-23 05:13 pm - Pascal Baltazar

- *Status changed from Resolved to Closed*

yes, it works, thanks !

Files

testSub.maxpat	14 KB	2011-07-02	Pascal Baltazar
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