Subject: DockCtrl (A dockable window widget for U++)
Posted by Oblivion on Sat, 15 Sep 2007 14:48:58 GMT
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Hi,

I've been using the u++ for almost two months, and got very fond of it. I am currently working on a dockctrl widget which would act as a dockable window (like those you find in the VS). Although currently it is under heavy development, I would like to share my dockctrl project's progress here.

Edit: Message Body and history removed.

ChangeLog: (Only the newest version. You can find full changelog in the DockCtrl SVN repository)

0.52
> public release name DockCtrl DEV803b.1

3/21/2008
+ added full serialization support.
+ added default/custom layout support.
* DockableCtrl class reworked (now it is more abstract);
* TabWindow class reworked (no longer uses PaneSplitter() class to control child widgets).
* DockCtrl class renamed to DockBase class and added a more generic DockCtrl class.
* DockBase class derives from TopWindow.
+ added InitDockCtrl() method for widget initialization.
+ added InitCustomLayouts() method for planned "predefined" layout support.
+ added Tabify() method (with 1 overload) to simplify widget tabbing.
+ added DockFloat() method to DockableCtrl class.
+ added ShowDragBarButtons() method to DockWindow class.
+ added ForbidDragAndDrop()/PermitDragAndDrop() methods to DockableCtrl base widget class.
dnd behaviour of each DockableCtrl derived widget can be controlled using this method pair.
+ added layout group to the settings window.
+ added HotKey support for Settings window (default is CTRL + HOME).
+ added methods to control forbid/permit on window sides.
- numerous bugfixes, and improvements.

3/22/2008
+ double clicking on a dragbar of a authidden dockwindow will cause it go into docked state.
+ added "stdsize" variable to the PaneFrame class.
+ added ShowXXXXPane() (X:left/top/right/bottom) public methods to the Dockbase class.

0.52
> public release name DockCtrl DEV803b.2

3/27/2008

+ added widget grouping (both predefined/default and user) support.
+ added WidgetGroup() method and defined "%" operator for widget grouping.
+ added group manager to the settings window.
* tab window creation/managment mechanism changed.

To Do:

- add a self-explanatory "Complex Dockable Framework" example to the package.

- add drag-n-drop animations.
- add DockBar class -- a dockable Toolbar for DockCtrl framework
- write documentation.
- fix possible major, and minor bugs.
- cleaning up the code.
- bla, bla...

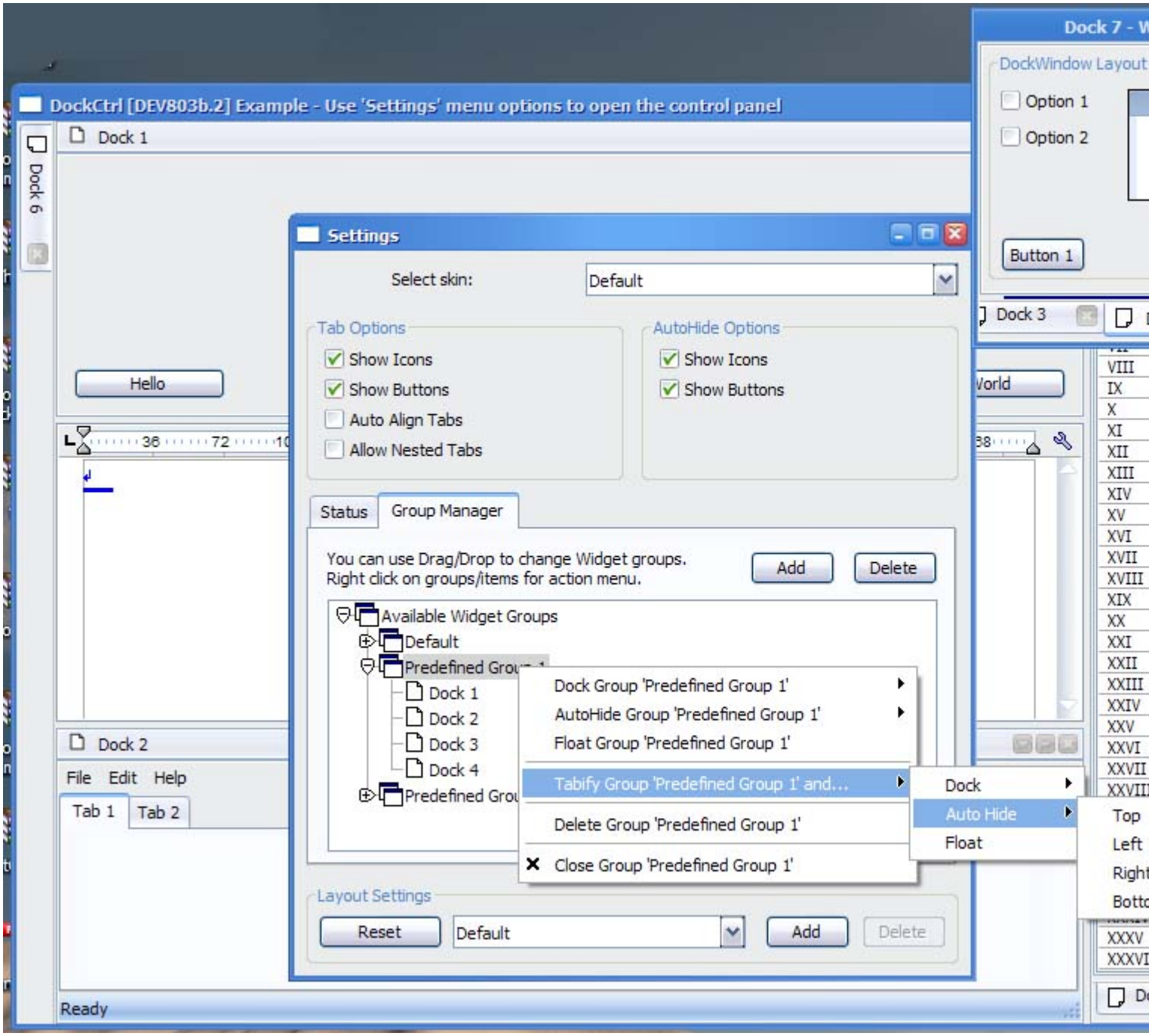
Any suggestions, bug reports and constructive criticism are always welcome.

You can find the source code of the DockCtrl framework example here or the latest build in the the U++ SVN/Bazaar folder.

Regards.

File Attachments

1) DockCtrl Example Exe (DEV803b.2).rar, downloaded 640 times
2) DockCtrl DEV803b.2.jpg, downloaded 2778 times



3) DockCtrl Package DEV(803b.2).rar, downloaded 615 times