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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

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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

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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:

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- 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

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- 1) [DockCtrl Example Exe \(DEV803b.2\).rar](#), downloaded 504 times
  - 2) [DockCtrl DEV803b.2.jpg](#), downloaded 1266 times
  - 3) [DockCtrl Package DEV\(803b.2\).rar](#), downloaded 499 times
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