
Subject: Re: Is a Class diagram of catalyst available ?
Posted by [David Fanning](#) on Thu, 17 Oct 2013 11:47:59 GMT
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Jie Zhou writes:

> Lately, I begin to try catalyst library. I find the objects make widget graphic more simple. But there are so many different object define code (CLASS). Maybe a Class diagram can make things more convenient.

There is no class diagram available. There is a Document method built into every object created in the library. If called on the top-level base object, it will produce HTML documentation of all of the objects used in the application. This is how the HTML documentation in the docs directory of the Catalyst Library were created.

There are many objects, but the object hierarchy is, by virtue of the way IDL implements objects, pretty shallow. In the case of widgets, most common widget functionality (i.e., functionality belong to all widgets) is built into the WidgetAtom object. Then, the specifics of each type of object is built into each individual object (e.g., ListWidget, TextWidget, etc.). Each widget object also inherits the CatAtom object, which is the fundamental object **all** objects inherit. This has all the communication infrastructure for the Catalyst Library built into it.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
