Subject: Re: opinions about FOX-TOOLKIT
Posted by fudadmin on Thu, 08 Dec 2005 10:32:41 GMT
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from http://www.newplanetsoftware.com/jx/compare.php
Quote:FOX appears to be a widget set rather than an application framework.

FOX messages are not the same as JX messages. FOX defines the messages in the target, which strongly couples each source to it, since each source has to know the appropriate message for each of its targets. This is not as serious as it seems, however, because FOX messages are designed to simulate Objective C's ability to redirect work to other objects. In this case, the source needs to know how to keep the target happy. Note that there are much cleaner ways to achieve this in C++. One method is to define a base class and then instantiate one of several derived classes at run-time to get the desired behavior.

JX, on the other hand, defines messages in the source, which promotes loose coupling since the source simply broadcasts, and each target does whatever is appropriate. This is solves a different problem from that of FOX messages. JX messages help implement Model-View-Controller designs.

In addition, FOX messages consist of an integer and a void*, so one needs to cast from a void* to get the associated state. This breaks the type safety provided by C++. JX messages are objects, so they can be downcast safely.