
Subject: Re: "All shared" in Windows question
Posted by [cbpporter](#) on Thu, 16 Oct 2008 21:05:00 GMT
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I believe there would be two solution two the problem.

1. Very careful monitoring of all breaking changes and make some mechanism for maintaining compatibility. Very difficult, and there will be times when breaking changes are introduced if you don't want to be stuck with the same features and design for years (Gtk is facing this problem right now: they can't do new stuff because of current interface limitations and adding new features would break link compatibility), you'll have to use a new version of the dynamic library.

2. Since releases are so infrequent, have a different dll for each version. Using an inappropriate version should not be permitted. This approach will only be useful if multiple U++ applications run on the same machine, by not replicating the same code in all the applications through static linking. I believe MFC uses this approach because they are not were not able to preserve compatibility.
