wxWindows • AN OPEN TOOL FOR C++ PORTABILITY

In a software world where GUI standards are in a permanent state of flux, it is necessary to target an abstract, cross-platform API to safeguard the future of your applications.

wxWindows is a comprehensive toolkit with a GUI and operating system API that maps to several native window systems, and many operating systems. It's free, which means that for the first time there is no price to pay for portability, and you can tailor the source if necessary. The software is being ported to an even wider range of platforms through user support. wxWindows is being used by a wide variety of commercial, government and academic organisations.

Platforms

- Windows 3.1, WIN32S, Windows NT
- XView 3.2, Motif 1.2
- Text-only using CURSES
- Most variants of UNIX
- VMS
- Mac, OS/2 and NeXTStep ports are in progress

User comments

"It is a much cleaner interface to GUI programming than anything commercial so far offered including XVT++, in my opinion. It was very quick for me to prototype code." *Edmund J. Sutcliffe, York*

"I was very pleased with the platform independence of wxWindows. I developed a wxWindows-based training application on the Sun using OpenLook. The problem was that four hours before the first try-out of the training [we discovered] that we would be using HPs... The solution was to create a port to Motif. I did this with the help of a colleague in two hours. Was I glad that we used wxWindows for the application!" *Twan Janssen, CASE consultant, Westmount Technology, Delft*

"I simply am in awe of the wxWindows effort and I commend this endeavor as highly as I can." *Chuck Van Tilburg, CASE consultant, Westmount Technology, Delft*

"It is the best in portability. In just Windows, I prefer Microsoft Foundation Classes since they are closer to the Windows API. But it is better than OWL, for sure." *Marcel van der Peijl, System Developer, DigiCash BV*

"I like the toolkit very much. It's very nicely structured and written." *Harco de Hilster, Nijmegen, Netherlands*

Features

- 150 classes
- Comprehensive online and printed manual
- DDE support under Windows and UNIX
- Bindings to CLIPS, Python and Perl
- Utility for generating help files & manuals
- wxHelp system for UNIX
- Screen painter generating C++ code
- Several other libraries including tree drawing, toolbars, simple hypertext widget
- Windows clipboard support
- Canvas, PostScript, memory, metafile and Windows printer device contexts for generic drawing

Availability

wxWindows is available from the AIAI ftp site and WWW site below.

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