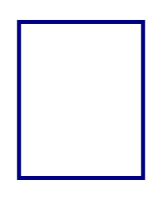
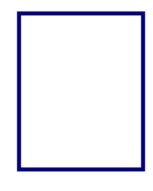




visualization driver for Geant 4



Windows
Mac OS
Linux / X11
Windows CE
Embedded Linux



Supported on every major operating system
Higher level functionality
Fast



Interactive view from Geant4
Rendered, photorealistic image with some interactive features
zoom, rotate, translate
Fast response (can usually exploit full potential of graphics hardware)
Printing ability (pixel graphics, SVG graphics, ps, eps, pdf...)

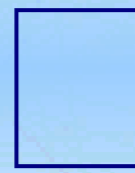
OpenGL Visualization drivers

Xm

Qt

Windows

Qt Driver



Same fonctionnalités as Xm or Window
+ Export in many format (thanks Qt)
+ Interactive move/rotate
+ Full screen mode
+ **Help Tree !**
+ **Making movies !**
+

Mac OS

Linux ubuntu

The screenshots illustrate the Geant4 visualization interface on different operating systems. On Linux (Ubuntu), the 'G4UI Session' window contains a 'QGI Viewer' showing a 3D visualization of a particle detector with a central interaction point. The 'Help on commands' window is open, displaying a search bar and a list of commands such as '/control/', '/units/', '/geometry/', '/tracking/', '/event/', '/cuts/', and '/run/'. The Mac OS screenshot shows a similar setup with a 'CRCharging' window and a 'QGI Viewer' displaying a 3D visualization of a particle detector. The 'Help on commands' window is also open, showing a search bar and a list of commands including '/control/', '/units/', '/geometry/', '/tracking/', '/event/', '/cuts/', and '/run/'.

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