

Support for Platforms in Geant4

Geant4 Technical Forum
CERN, 5 February 2004

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Definitions

- **Platform** is defined by
 - Hardware
 - Operating system release
 - Compiler version
- **Examples:**
 - For i386 on Linux RedHat 7.3 we support
 - gcc/g++ 2.95.2
 - Gcc/g++ 3.2.3

More details in

Levels of support

- Official platforms
 - Regular full testing
 - Full support
 - Binary distributions
- Verified configurations
 - Tested to compile and run
 - Minimal support
- Configured, but NOT tested or supported
 - Often platforms we have no access to

Situation for Geant4 6.0

- **Official platforms**
 - Solaris 5.8, CC 5.4
 - Linux RedHat 7.3, gcc 2.95.2 and gcc 3.2
 - Windows2000, CygWin tools with Visual C++ 6.0 SP 5

Full details in [release notes](#)

Situation for Geant4 6.0

- **Verified configurations**
 - Solaris 5.8, CC 5.5
 - Linux RedHat 7.3, gcc 3.3.2
 - Windows/XP, CygWin tools with .Net Visual Studio 2003 C++ 7.1

Full details in [release notes](#)

Situation for Geant4 6.0

- Configured platforms, untested
 - Dec V4.0, cxx C++ V6.1-027
 - HP10.20, aCC C++ B3910B A.01.23
 - SGI V6.5.5, CC 7.2.1
 - AIX 4.3.2, xlc 6.0
 - MacOS 10.2, gcc 2.95.2 / gcc 3.2

Full details in [release notes](#)

After Geant4 6.0

- Choices must be made
 - Interest to drop support for RH7.3 & gcc 2.95.2
 - Who needs it?
 - When to move to new Linux distribution
 - When to move to Solaris 8 & CC 5.5
 - Situation on Windows?
 - Windows/2000 vs. Windows/XP
 - VC 6.0 vs. VC 7.x
 - .dll support
 - Extend support to
 - Intel's icc on i386
 - Intel's ecc in IA-64
 - MacOS X, gcc 3.3

In place of retired platforms
- Need feedback from user groups and users

