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Supported Architectures

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ROOT can be build on the following combination of CPU's, operating systems and compilers:

- **aix5** for AIX >=5.x with xLC
- **aixgcc** for AIX >=5.x with gcc >= 3
- **freebsd4** for FreeBSD 4.x with gcc
- **freebsd5** for FreeBSD 5.x and 6.x with gcc
- **freebsd7** for FreeBSD 7.x with gcc
- **hpuxacc** for HP-UX 10.20 with HP aCC
- **hpuxgcc** for HP-UX 10.20 with gcc
- **hpuxia64acc** for HP-UX 11i v1.5 (IA-64) with HP aCC
- **hurdeb** for Debian GNU/Hurd with gcc
- **ios** for Apple iOS on armv7 device
- **iossim** for Apple iOS on i386 simulator
- **linux** for i386 Linux with gcc >= 3
- **linuxicc** for i386 Linux with Intel's icc
- **linuxarm** for ARM Linux with gcc
- **linuxhppa** for HPPA Linux with gcc
- **linuxia64ecc** for Itanium Linux with Intel icc
- **linuxia64gcc** for Itanium Linux with gcc >= 3
- **linuxppcgcc** for PPC Linux with gcc
- **linuxppc64gcc** for PPC 64 Linux with gcc >= 3
- **linuxx8664gcc** for x86-64 Linux with gcc >= 3.x
- **linuxx8664icc** for x86-64 Linux with Intel icc >=10.x
- **linuxx8664k1omicc** for x86-64 Linux for Intel MIC with Intel icc >=13.x
- **linuxx32gcc** for x32 Linux ABI with gcc >= 4.7
- **lynxos** for LynxOS with gcc
- **macosx** for MacOS X >= 10.4 with gcc
- **macosxicc** for MacOS X >= 10.4 with Intel icc (Intel only)
- **macosx64** for MacOS X >= 10.5 with gcc 4.0 64 bit mode
- **openbsd** for OpenBSD >= 3.7 with gcc
- **solaris** for Solaris with CC
- **solarisCC5** for Solaris with CC 5.0
- **solaris64CC5** for Solaris with CC 5.0 64 bits
- **win32** for Win32 with VC++ and gdk based GUI
- **win32gcc** for Win32 with cygwin/gcc

The words in bold are the architecture names used by the `./configure` script. The default architecture for a platform is auto-detected by `./configure`, but alternative architectures can be specified using one of the above architecture names.

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Source URL: <http://root.cern.ch/drupal/content/supported-architectures>

Links:

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