

Published on *Tux Machines* (<http://www.tuxmachines.org>)

[Home](#) > [content](#) > Gentoo Does An x32 Stage 3 Release Candidate

Gentoo Does An x32 Stage 3 Release Candidate

By *srlinuxx*

Created 07/06/2012 - 5:08pm

Submitted by srlinuxx on Thursday 7th of June 2012 05:08:42 PM Filed under [Gentoo](#) [1]

Gentoo is one of the first Linux distributions to release a packaged installation for the Linux x32 architecture.

Linux x32 is the effort for a native 32-bit ABI for Intel/AMD x86_64 systems but where 32-bit pointers are used to reduce the memory footprint while still allowing for x32 programs to take advantage of the rest of the 64-bit benefits. There's x32 support within the Linux kernel, GCC, glibc, binutils, and even LLVM/Clang.

[More here](#) [2]

[Gentoo](#)

Source URL: <http://www.tuxmachines.org/node/57709>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/109>

[2] http://www.phoronix.com/scan.php?page=news_item&px=MTExnTE