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# Gentoo Does An x32 Stage 3 Release Candidate

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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]

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[Gentoo](#)

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