



Gentoo Linux

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Gentoo : Introduction

- **Metadistribution**
 - Make what you want of it
- **Ideal for a development platform**
 - No fiddling to get *-devel packages installed
 - Very large package database (>10,000)
 - Easy to rebuild anything exactly the way you want
- **Embedded development**
 - Natively supports cross-compilers and build roots
- **Vanilla**
 - We ship packages as upstream intended
 - We don't go overboard on patching





ISVs

- **Packaging commercial applications**
 - Pragmatic: we will package proprietary applications
 - We can ever work around nonredistributable apps
- **Obtaining upstream support**
 - Time investment by ISV for smaller distro
 - Know potential customers before adding support
 - Nail down supported configurations, so you don't waste time on corner cases
 - Send bugs through Gentoo first, because we're familiar with the types of issues that come up





Developer Support

- **Tools: nano! vi, emacs, etc**
 - Standard, portable development tools
 - Eclipse, NetBeans, other IDEs also available
- **gcc**
 - We probably push it harder than anyone else
- **Quality docs**
 - Gentoo Handbook ranked #2 Linux book (including in print) by Linux Journal readers
 - Comprehensive documentation for a variety of tasks, user and developer





Cross Project Collaboration

- **Upstream**

- We work with upstream projects, ISDs, ISVs
- Ensure users pass bugs through us before upstream, so we can vet them

- **Other distros**

- Packagers have cross-distro lists, such as x-packagers or kernel-packagers

- **fd.o specs**

- We ship packages vanilla as upstream intended
- Some work to add menu spec etc to window managers that don't support it

