

# Proč Gentoo?

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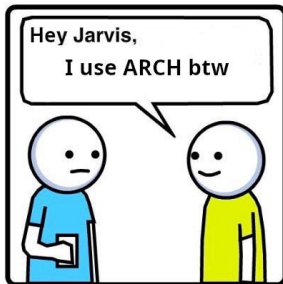
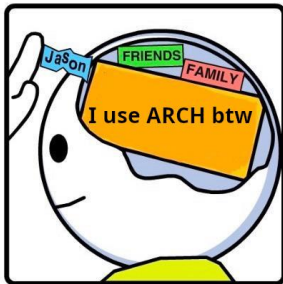
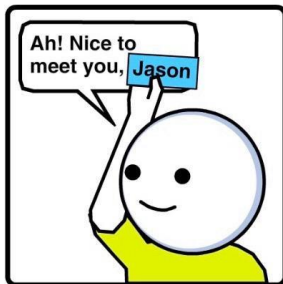
Kar(t)el Kočí

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# Co je to Gentoo?

- Linuxová distribuce
- Vysoce flexibilní distribuce
- Založená na zdrojových kódech
- Domácí distribuce pro vývoj OpenRC a *eSystemD*
- Peklo na zemi





THEJENKINSOMIC

TLDR velká vstupní bariéra

- Kompilace vlastního kernelu
- Spartánské výchozí nastavení
- Integrační skripty
- Náročné na výkon, dlouhé aktualizace
- Náročné na paměť (>8G ... 12G)
- Náročné na místo (cca 500M portage, 20G distfiles, 30G build)

## Use flags

Arch: vim vs gvim

Gentoo: USE=X emerge vim

/etc/portage/package.use:

```
app-editors/vim X
```

# Overlay

```
/etc/portage/repos.conf
```

```
[personal]
```

```
masters = gentoo
```

```
location = /usr/portage/personal
```

```
sync-type = git
```

```
sync-uri = git://cynerd.cz/gentoo-personal-overlay.git
```

```
sync-git-verify-commit-signature = true
```

```
sync-openpgp-key-path = /usr/share/openpgp-keys/cynerd.asc
```

```
aut-sync = yes
```

```
sudo emerge --sync
```

```
./dev-libs/logc/logc-0.2.0.ebuild
```

```
EAPI=7
```

```
DESCRIPTION="Logging for C"
```

```
HOMEPAGE="https://gitlab.nic.cz/turris/logc"
```

```
SRC_URI="https://gitlab.nic.cz/turris/logc/-/archive/$PV/$P.tar.gz"
```

```
LICENSE="MIT"
```

```
SLOT="0"
```

```
KEYWORDS="~amd64 ~x86"
```

```
ebuild ./logc/logc-0.2.0.ebuild manifest compile install
```

```
https://devmanual.gentoo.org/
```

- ./profiles/profiles.desc
- ./profiles/host-foo/make.defaults
- ./profiles/host-foo/packages
- ./profiles/host-foo/package.use
- ./profiles/host-foo/parent

```
sudo eselect profile set X
```

```
sudo emerge @world
```



@nbamaral

Why oh why it's so fucking hard to update perl on gentoo!?

It just shows how broken portage as become.

And everyone seems to have it's own magic incantation of emerge/qlist

Fucking fuck piece of shit gentoo...

[read more]





- `grep -Rn foo /usr/include`
- `grep -Rn foo /usr/lib64/pkgconfig`
- Kernel patch? No problem..
- Library patch? No problem..

- Možnost si vše nastavit do podrobností
- Jednoduchá distribuce a tvorba balíčků
- OpenRC..
- Časová investice



Děkuji za pozornost.



Stánek (od 17:30): <https://meet.vpsfree.cz/turris>

[git.cynerd.cz](https://git.cynerd.cz)