

Fedora ELN

Or “Putting the RHELish on the Beefy Miracle”

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A Bit of History

- RHEL 8 took 12+ months to bootstrap
- Red Hat announced a new three-year RHEL release schedule
- Fedora exists!



Where does Fedora ELN come from?

From you! Yes, **you!**

Fedora ELN is derived from Fedora Rawhide, rebuilt with RHEL's RPM macros, compiler flags and other tweaks to make it more like Enterprise Linux.



How does it work?

- **Content Resolver** - A tool for determining runtime and build-time dependencies from a composed repository
- **DistroBuildSync** - Rebuilds packages for ELN from Rawhide based on Content Resolver output
- **Pungi** - Composes the repositories, install media and container images.



Success Stories

- CentOS Stream 9
- Red Hat Enterprise Linux 9



What's Next?

- New CPU baselines
- Bootstrapping CentOS Stream 10
- Onwards to RHEL 11!



Questions?

