Fedora ELN

Or “Putting the RHELish on the Beefy Miracle”
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?