



openSUSE Leap Next



whoami(1)



Release Manager for openSUSE Leap since 1.1.2020 and member of openSUSE Release team

Used to be a backup Release Manager for SLE 12 SP5
Releng for RHEL 6.5+,7.3+, Solaris admin and
Czech Open Solaris User Group leader until the Sunset

Agenda

- Introduction to openSUSE Leap?
- CtLG
- openSUSE Jump
- openSUSE Leap 15.2.1 ?
- openSUSE Leap 15.3
- Leap.next.next() ?

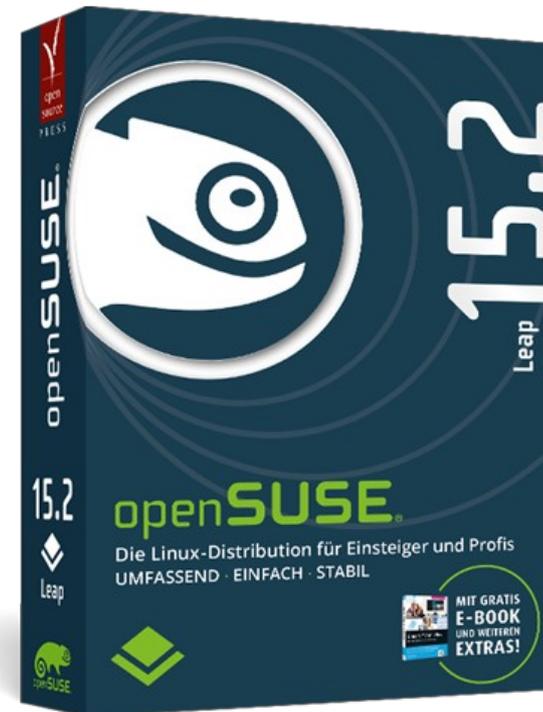
What is openSUSE Leap

Leap is trying to bridge “Community and Enterprise” the distribution is based on the latest version of SUSE Linux Enterprise available to the date, typically with a 12 months release cycle.

Leap 15.2 Retrospective told us that users value most the installer, stability, seamless migrations, and YaST.
These would be then our strengths according to users!

The distribution is often profiled as the more stable one and easy to use as there **should** be no radical or disruptive changes in between minor updates.

Some users say It's the KDE distribution.
Box says “The Linux Distribution for Beginners and Pros”



CtLG – Closing the Leap Gap

CtLG is a SUSE driven effort to bring Leap closer to SUSE Linux Enterprise than ever before. This brings quite some challenges but also open some new opportunities. See my next talk.

I'd like to split the effort into the following parts:

- Unification of openSUSE Leap and SUSE Linux Enterprise 15 code streams and feature set.
- Concept of building a community distribution by combining rpms from openSUSE Backports (community part) and SUSE LLC signed SLE rpms (Enterprise part). **The community gains access to the s390x, realtime...**
- Tools and processes to allow community members to open features and **create submit request directly against SUSE Linux Enterprise and make contributions to the ~ 4k of SLE packages more transparent.**
 - See my dedicated video from Labs <https://www.youtube.com/watch?v=k3cfGoDc24s>

openSUSE Jump and where we are now

The actual implementation of Closing The Leap Gap

What's the current status:

- Distribution images are available for wider testing since late August 2020. (Based on SLE 15 SP2 Updates)
- Submit requests are done against a single project (openSUSE:Jump:15.2) and OBS automatically redirects them
- Redirection and mirroring of Submit requests from openSUSE:Jump:15.2 in OBS to SUSE:SLE* projects in SUSE Internal OBS instance.
 - Triggered by approval of a new suse-sle-review in combination with a osc plugin
 - Bi-directional sync is still TBD, ETA is later this month rest is in place.
- The pilot of JIRA access for community contributors is running, public review of updates happen on Mondays.
- “Seamless” migration to SUSE Linux Enterprise 15 SP2 is still being tested.
- The maintenance setup is unfortunately still in progress.

<https://en.opensuse.org/Portal:Jump>

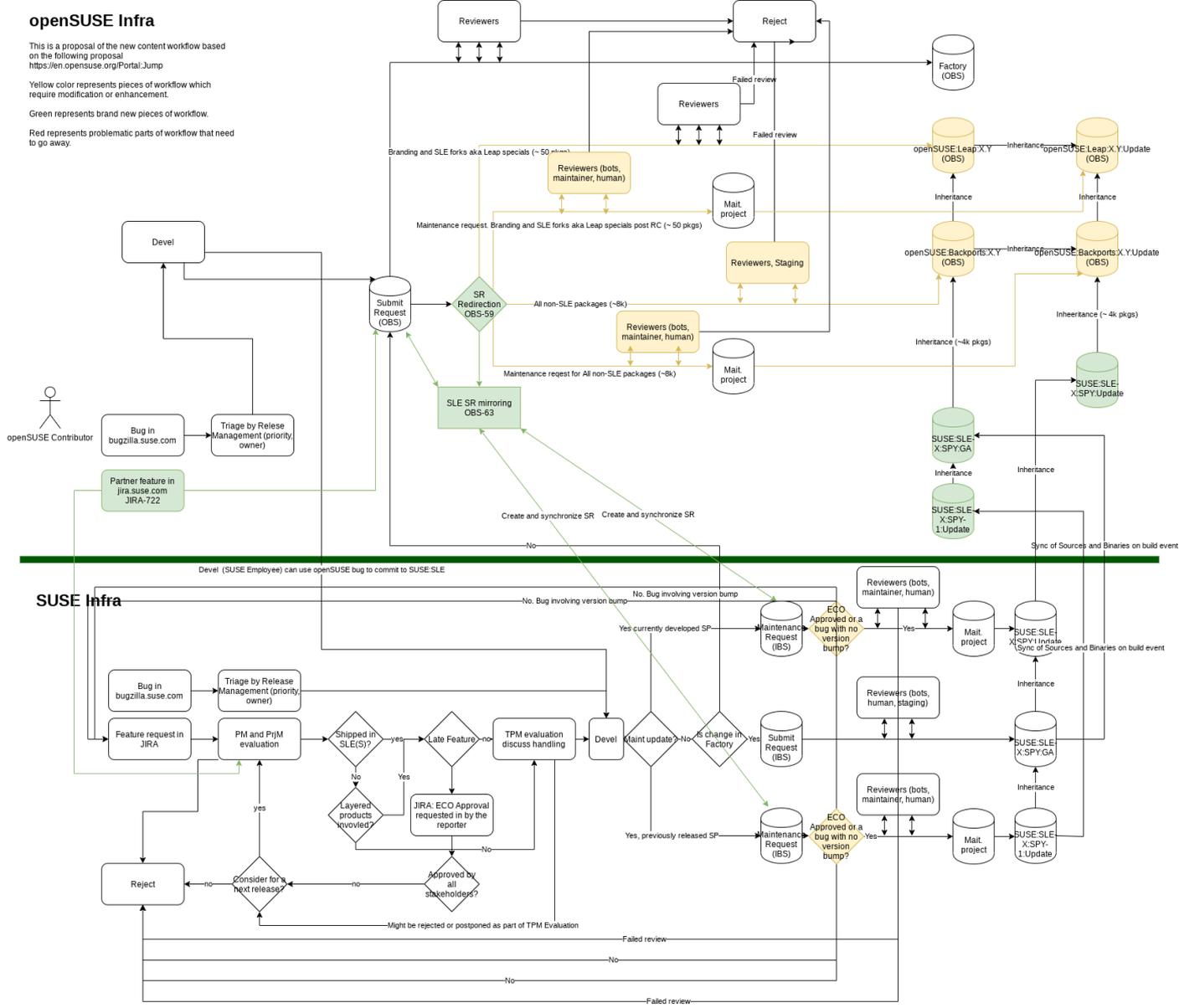
openSUSE Infra

This is a proposal of the new content workflow based on the following proposal <https://en.opensuse.org/Portal:Jump>

Yellow color represents pieces of workflow which require modification or enhancement.

Green represents brand new pieces of workflow.

Red represents problematic parts of workflow that need to go away.



What's up with openSUSE Leap 15.2.1?

- openSUSE Leap 15.2.1 is an option to enroll the new concept into production ahead of the schedule specifically (Oct/Nov 2020).
 - Upgrade path would be 15.2 → 15.2.1 → 15.3
- Code stream unification it's more than halfway there where we'd like to be in openSUSE Leap 15.3
- The Go/Nogo decision happens on Tuesday 20th October. Where stakeholders will decide whether we're ready or not based on status at the time or whether we'll rather enroll the concept as part of openSUSE Leap 15.3. What's being signed off can be found here <https://en.opensuse.org/Portal:Jump/Leap15.2.1:GoNogo>.
- Your feedback matters (interlock is conveniently takes place after the conference and not before).

<https://lists.opensuse.org/opensuse-project/2020-10/msg00009.html>

openSUSE Leap 15.3

openSUSE Leap 15.3 is expected to be fully based on SUSE Linux Enterprise binaries. (Expected GA in June 2021).

What's the status:

- Ongoing discussions about the (default) kernel flavors available in openSUSE Leap
- Addressing of remaining SLE/Leap code-stream and feature differences (virt stack etc)
- openSUSE Leap 15.3 development phase is blocked on Jump and potential Leap 15.2.1. To be fair a lot of 15.3 work happens in SUSE Linux Enterprise as we speak.

openSUSE Leap.next.next()

openSUSE Leap should always be based on the latest available version of SUSE Linux Enterprise to the date.

<https://www.youtube.com/watch?v=d7rOeMbMgLg> Presentation of SLE 15 roadmap from SUSECON says that there currently a plan for 5 SLE 15 Service Packs. The nexg-gen product is usually introduced earlier than the last SP. **So It's fair to say that this depends a lot on SUSE and the next-gen product availability.**

These seem to be the current options

- We will make openSUSE Leap 15.4 based on SLES 15 SP4 if no next-gen product portfolio is available, or in case it's not really a match for openSUSE Leap.
- Base Leap on a next-generation product if the upgrade path would make sense and availability correspond with the openSUSE Leap Roadmap.

The expected start of development for Leap 15.4 would be late Summer 2021.

Open floor for discussion

2020



Thank You



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