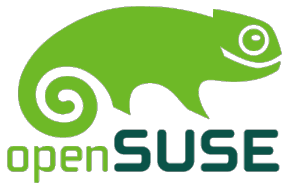


openSUSE Factory development



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Introduction

Who is Tomáš Chvátal

- SUSE Employee since 2011
- Lead of Packagers team in SUSE
- Handle Libreoffice and Java related stuff in openSUSE
- With Stephan „Cools“ Kulow has the Factory merging privileges
- Gentoo developer working on various things there

What is openSUSE Factory

- Rolling distribution that should be stable enough
- Idea is to provide environment for early adopters
- Testbed for all new features that are entering openSUSE and SLE
- This presentation is done from laptop running it :)

The past

How was factory created

The steps were quite rough but as follows

- User submitted package from devel project to Factory
- Auto checker verified license
- Review team checked syntax
- Me or coolo accepted all the "new" pkgs in
- ALL HELL BROKE LOOSE!

Current status

Overview

- Staging projects inclusion
- More review ideas
- Expansion of factory-auto robot checking
- Deep openQA integration

Graphical example

`https:
//progress.opensuse.org/workflow/factory-proposal.html`

Bright and shiny future

Areas for improvement

- Expanding coverage of openQA
- Jenkins/others integration to OBS
- Improving more the legal-auto and factory-auto
- Getting more reviewers in all areas, we are spread too thin

openSUSE releases

What were we doing on 13.1

- We start branching out at some point in time
- We start calling for volunteers for testing and validating the state
- We try to fix as much as reported bugs as possible

What would we actually like

- Community provides Release Manager - aka screaming guy
- At least more than handful of people helping with testing/validating
- More people prodding/fixing the blocking bugs

Contribute

Contributing packaging fixes

```
$ osc develproject openSUSE:Factory rsnapshot
Archiving
$ osc branch Archiving rsnapshot
A working copy of the branched package can be checked out with:
osc co home:scarabeus_iv:branches:Archiving/rsnapshot
$ osc co home:scarabeus_iv:branches:Archiving/rsnapshot
$ cd home:scarabeus_iv:branches:Archiving/rsnapshot
$ vi rsnapshot.spec # hackyhacky
$ osc build
$ osc vc -m "Fix something. Wrt bnc#2345"
$ oscb
$ osc ci
$ osc sr -m "Finally got around to fix bnc#2345 so enjoy"
```


Other areas

- Report bugs on <https://bugs.opensuse.org/>
- Create tests on <https://openqa.opensuse.org/>
- Increase your code contributions and join some of review teams

Endnote

Handy links

- <http://openqa.opensuse.org>
- https://build.opensuse.org/factory/staging_projects

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SUSE

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<https://www.suse.com/company/careers/>

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enterprise
Linux and
more.



Thanks

Thank you for your attention.