

# openSUSE Factory development



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openSUSE Team

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# Introduction

## Who is Tomáš Chvátal

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- 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

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- 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

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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

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



## Graphical example

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

Bright and shiny future

## Areas for improvement

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- 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

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- 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

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- 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

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```
$ 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

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- 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

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- <http://openqa.opensuse.org>
- [https://build.opensuse.org/factory/staging\\_projects](https://build.opensuse.org/factory/staging_projects)

# Suse is hiring

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## SUSE is Growing and We're Hiring!

Open source is in our genes.



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SUSE

Explore the job opportunities at  
<https://www.suse.com/company/careers/>

We **ARE**  
enterprise  
Linux and  
more.



# Thanks

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Thank you for your attention.