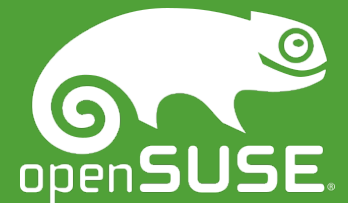


Das openSUSE-Projekt

Mehr als nur eine Linux-Distribution

Sarah Julia Kriesch

sarah.kriesch@opensuse.org



Agenda

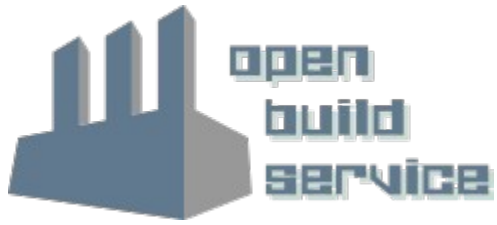
- Über mich
- Struktur von openSUSE
- Software Development Lifecycle
- Entwicklungsmodell
- Leap und Tumbleweed
- neues Release von Leap
- OpenQA/ OBS
- Kubic
- Möglichkeiten Contributor zu werden



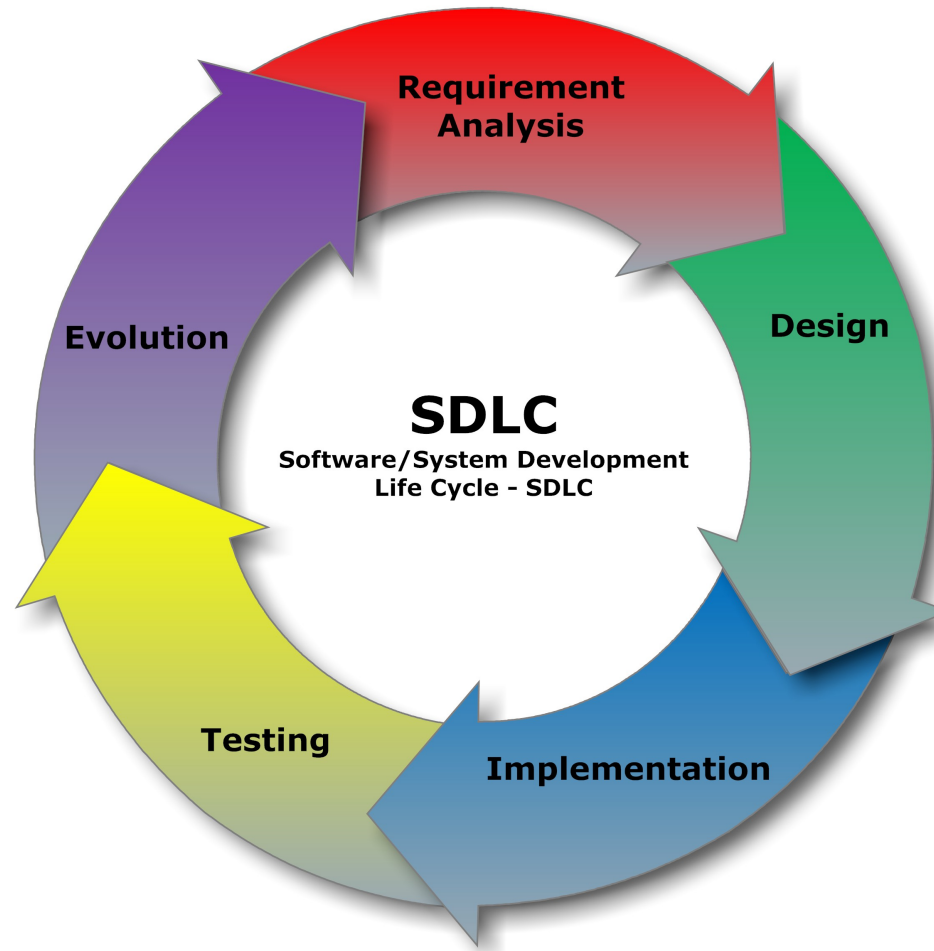
Über mich

- Fachinformatikerin – Systemintegration (IHK)
- Studentin Informatik (4.Semester B.Sc.), TH Nürnberg
- Leiter AG Open Source, TH Nürnberg
- Fachschaftsvertreter
- Global Translation Coordinator, Infrastruktur, QA, Wiki, Advocate (openSUSE)
- openSUSE Board Member





Software Development Life Cycle



Vergleich Kooperation SUSE mit RedHat



Leap



Leap

- jährliches Release
- parallel zu SLE SPs
- enthält Pakete von SLE
- Zielgruppe:
- Endanwender und
- Systemadministratoren



Leap



Lifetime

- jedes Jahr ein Release
- 42.3, bis 31. Januar 2019

Geplant:

Leap 15.0 Release, 25. Mai 2018
(auf der openSUSE Conference)



Tumbleweed

- Rolling Release
- über das Jahr verteilt
Aktualisierungen
- Test durch openQA
- für Entwickler geeignet



openSUSE Leap 42.3

- Kernel 4.4 (LTS)
- LibreOffice 5
- Pakete aus Community und SLE
- Desktops: GNOME, KDE Plasma, Enlightenment, LXDE, XFCE, MATE, Cinnamon



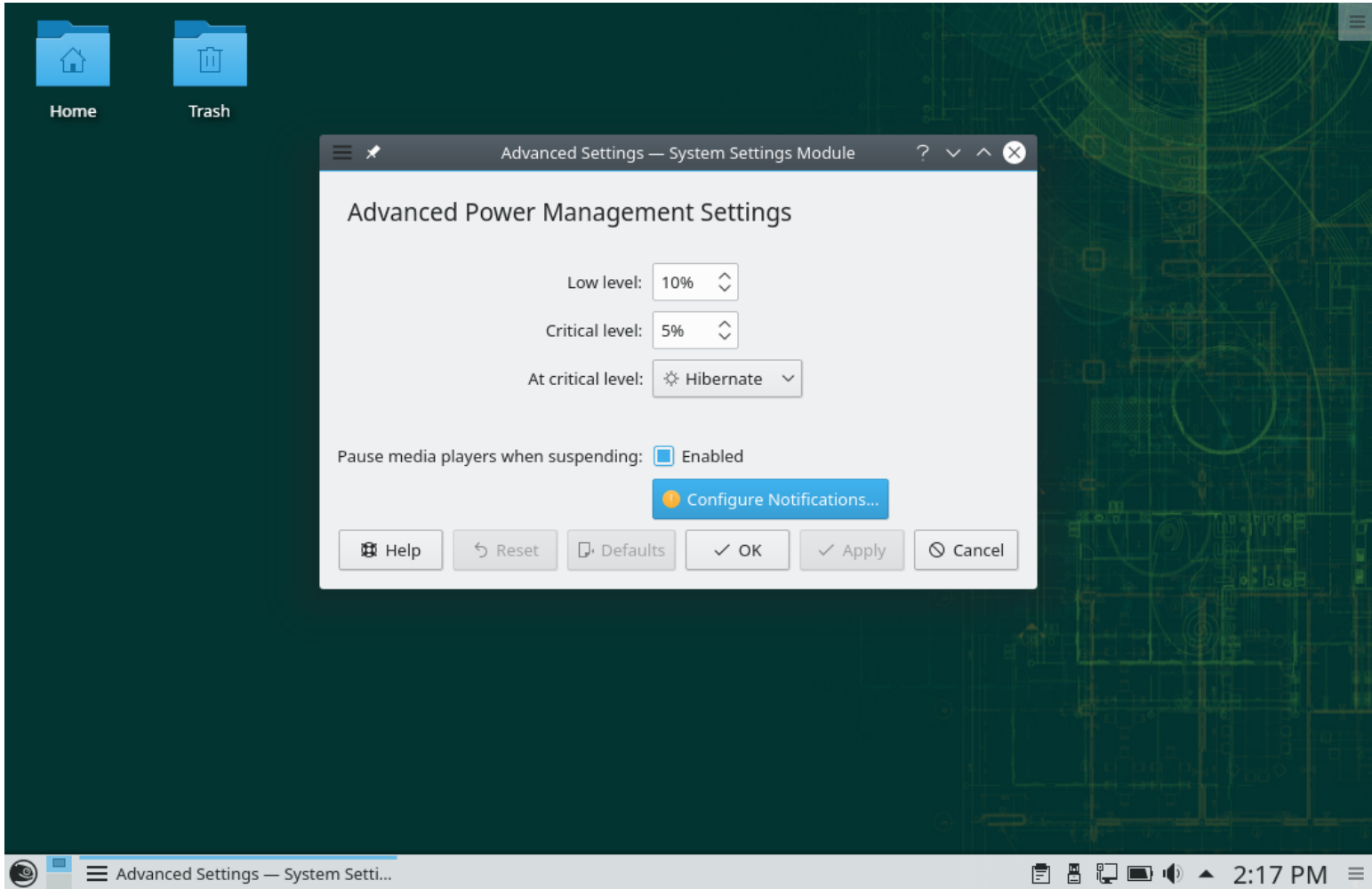
Leap



Desktops

openSUSE Leap 15.0

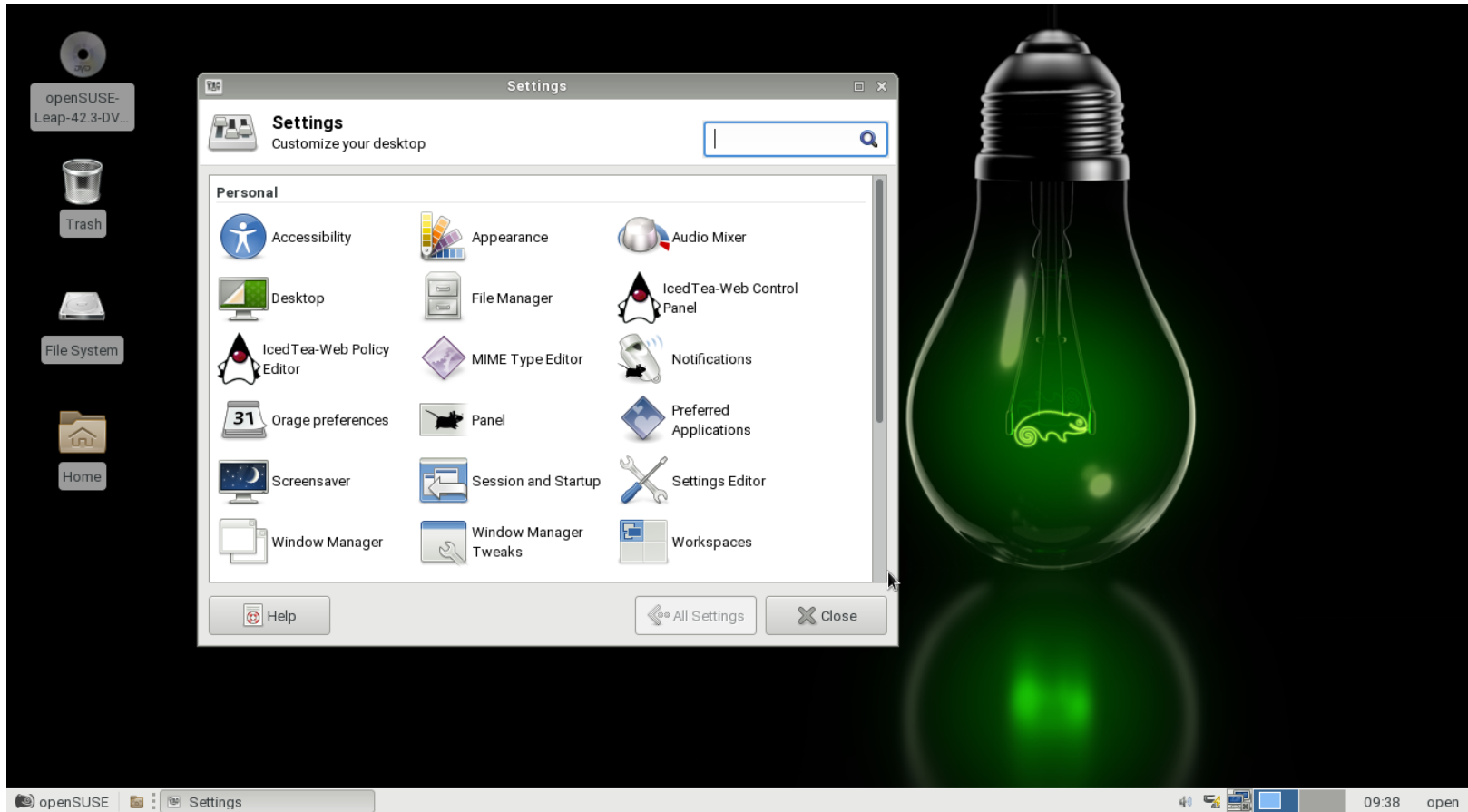
KDE Plasma 5.12



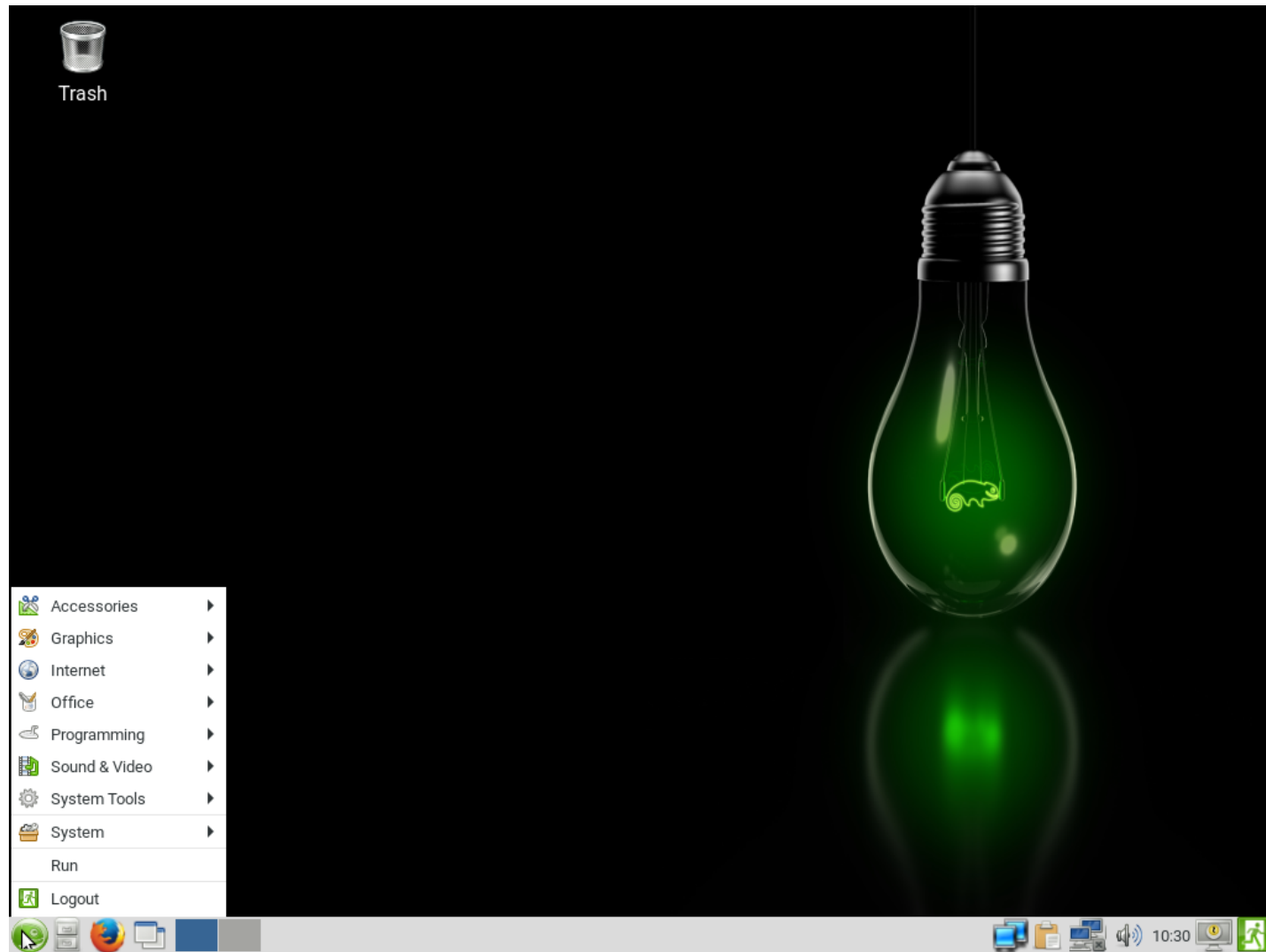
GNOME 3.26



Xfce



LXDE



Cinnamon 3.4





Upgrade

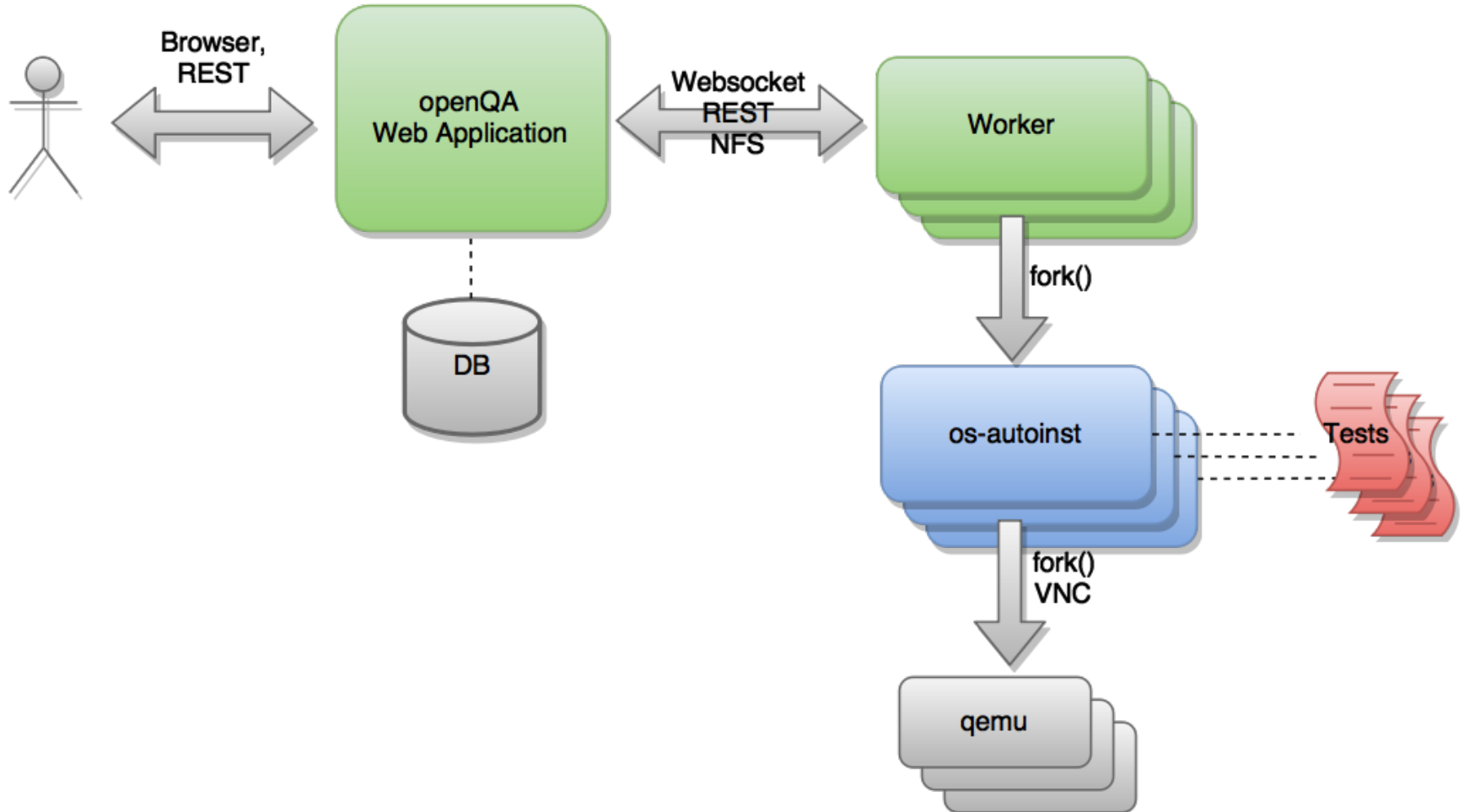
en.opensuse.org/Upgrade

openQA

- automatische Tests
- Grundlage für
Tumbleweed Releases
- Einsatz auch bei Fedora
und Debian

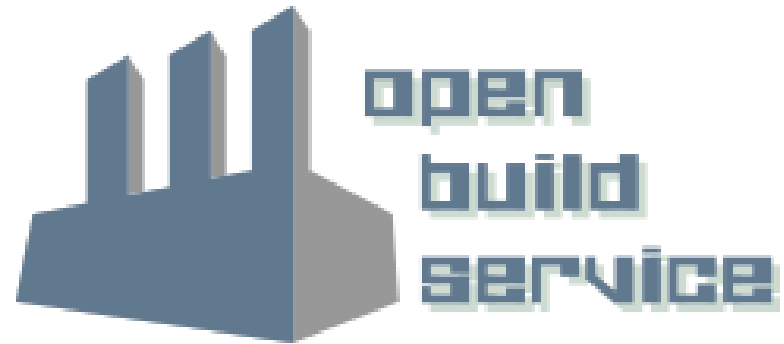


openQA Architektur mit VMs



Open Build Service

- Paketierung
 - nicht nur für rpm
 - Repos von openSUSE
 - Gegenseitiger Review
 - Build Success
-
- Paketierung für andere Distributionen auch möglich



Kubic

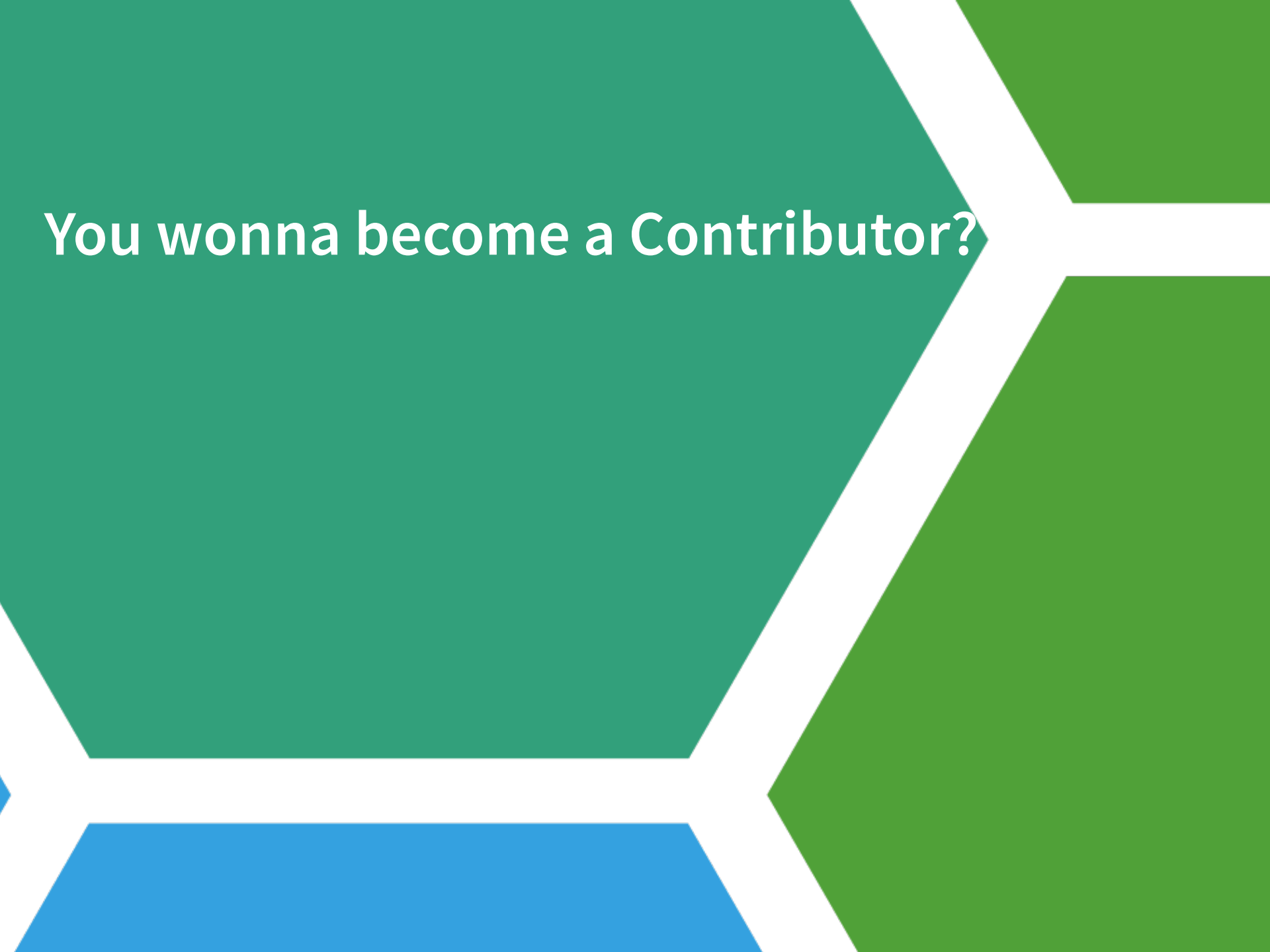
- openSUSE MicroOS
- Docker-Plattform auf Kubernetes-Basis
- CaaS
- momentan auf Tumbleweed-Basis
- Leap geplant (ab 15.0)



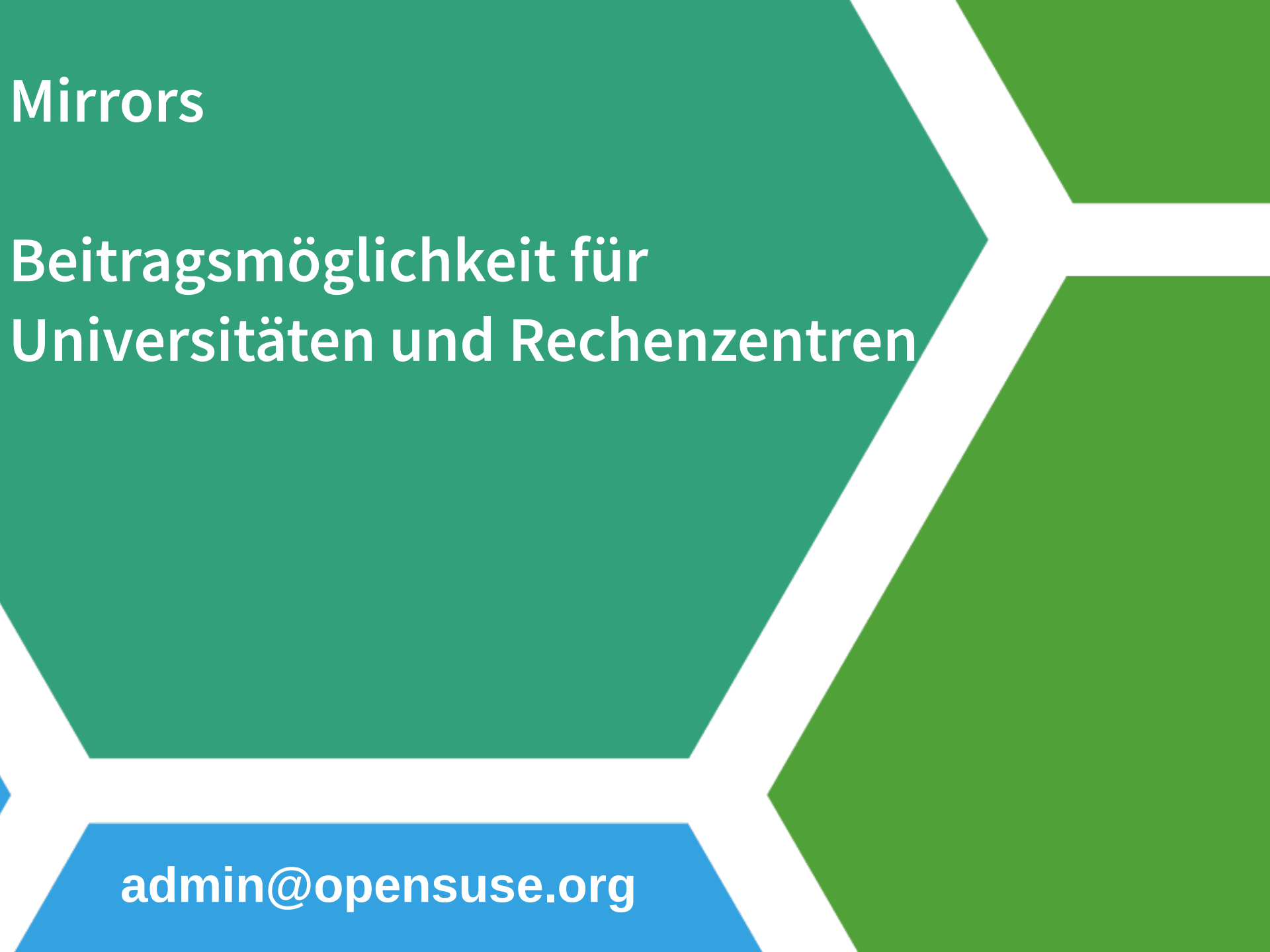
OSEM

- Open Source Event Manager
- Programmiert in Ruby
- Einstieg für GSoC-Studenten



The background features a pattern of interlocking hexagons in teal, green, and blue, separated by white lines. The teal hexagon is the largest and occupies the left side of the frame. A green hexagon is to its right, and a blue hexagon is at the bottom left. The text is centered within the teal hexagon.

You wanna become a Contributor?



Mirrors

**Beitragsmöglichkeit für
Universitäten und Rechenzentren**

admin@opensuse.org

Entwicklung

- über openSUSE factory
- opensuse-factory@opensuse.org



Testen

- automatisches Testen mit openQA
- manuelles Testen (zusätzlich)
- Basis: Tumbleweed bzw. Entwicklungs-Releases Leap
- Mai Release von 15.0 (normales iso + Live-Images)
- Bugzilla: bugzilla.opensuse.org
- opensuse-testing@opensuse.org



Wiki

- Übersetzung von Portalen ins Deutsche
- Erstellung von Anleitungen
- de.opensuse.org
- opensuse-wiki-de@opensuse.org



Alternativ:

- Erweiterung/ Überarbeitung von en.opensuse.org
- opensuse-wiki@opensuse.org



Infrastruktur

- Administration der Server
- Hosting bei SUSE (Provo und Nürnberg)
- Trennung von Server-Administration und Service
- heroes@opensuse.org





openSUSE Conference 2018

Prag, Tschechien

25. - 27. Mai 2018

(mit Release Party)

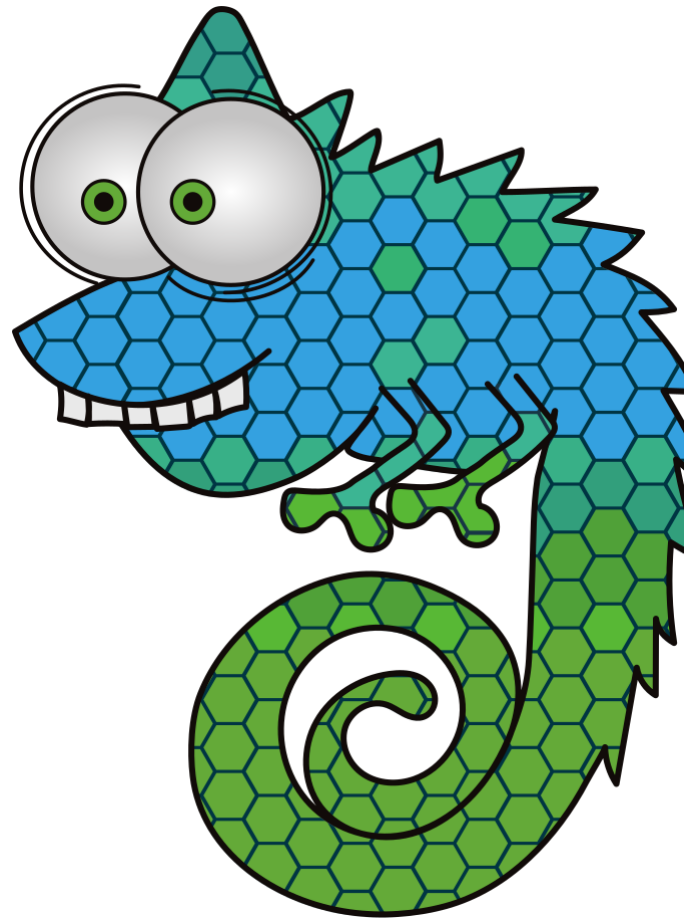
Join our conference,
contribute & have a lot of fun!
events.opensuse.org

Thank you.





Fragen?



Have a Lot of Fun, and Join Us At:

www.opensuse.org



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Credits

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Design & Inspiration

openSUSE Design Team
<http://opensuse.github.io/branding-guidelines/>