



What could possibly go wrong?

- You're drunk all day long
- Bad publicity
- Government fine
- Government shuts down your brewery
- People could get sick
- Sales decrease
- Costs increase
- Brewery is broke





"A Metallic Shield bug" by benjamint44@yahoo.com.au is licensed under CC BY 3.0

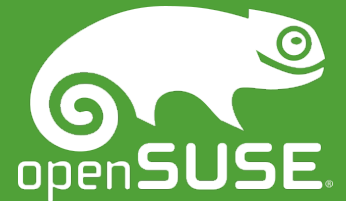


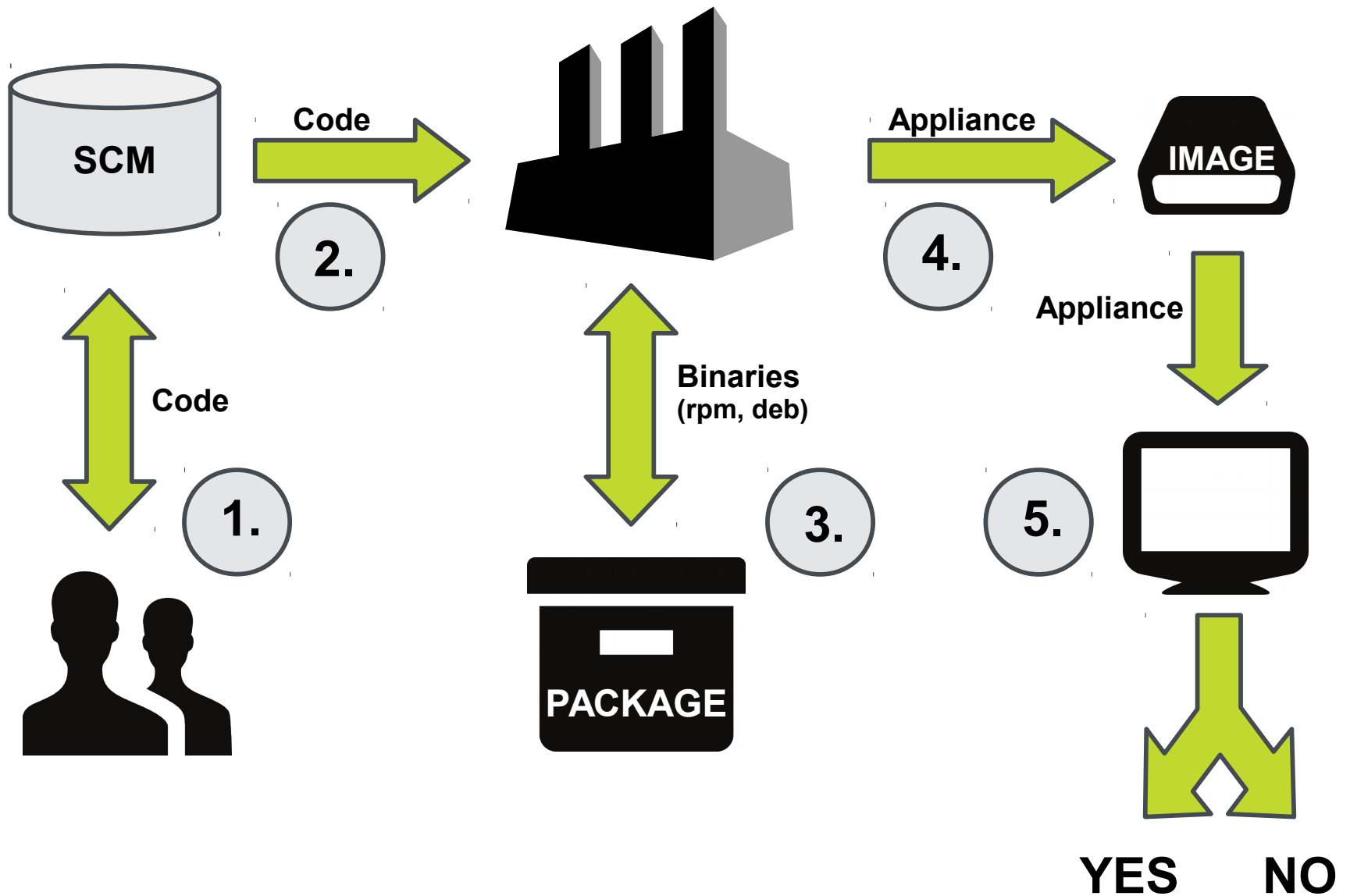
“Continuous Integration
doesn’t get rid of bugs, but it
does make them dramatically
easier to find and remove.”

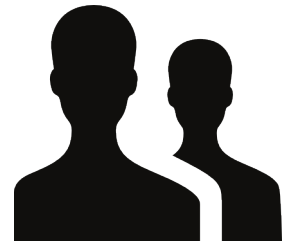
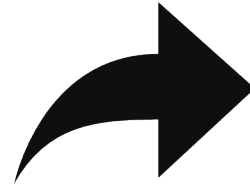
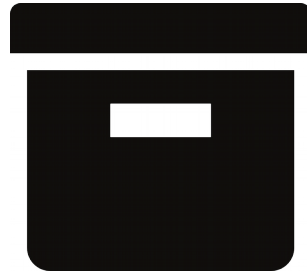
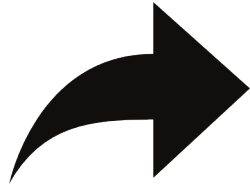
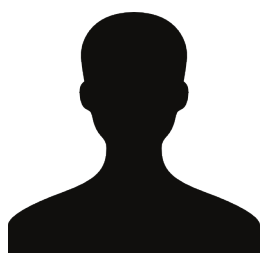
- Martin Fowler

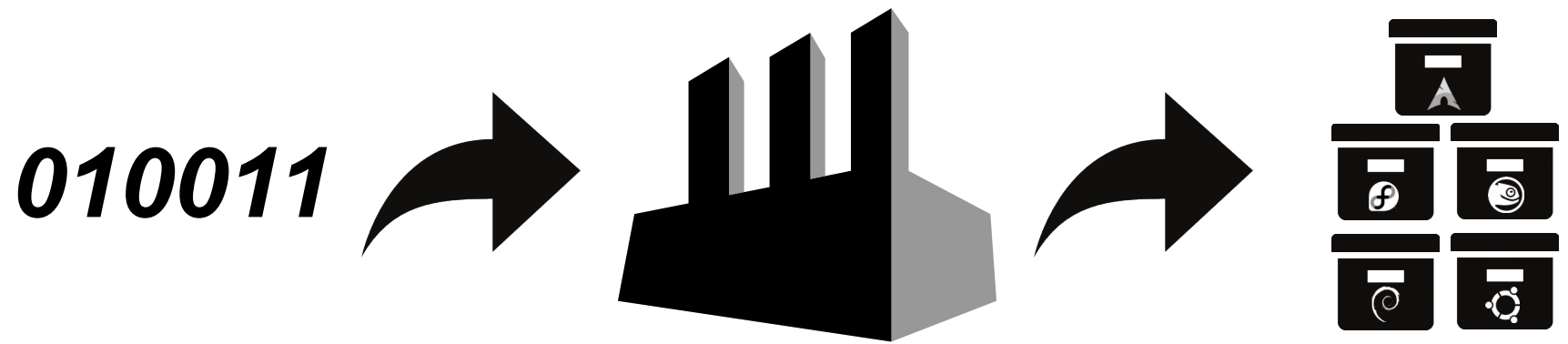
Continuous Integration with the Open Build Service

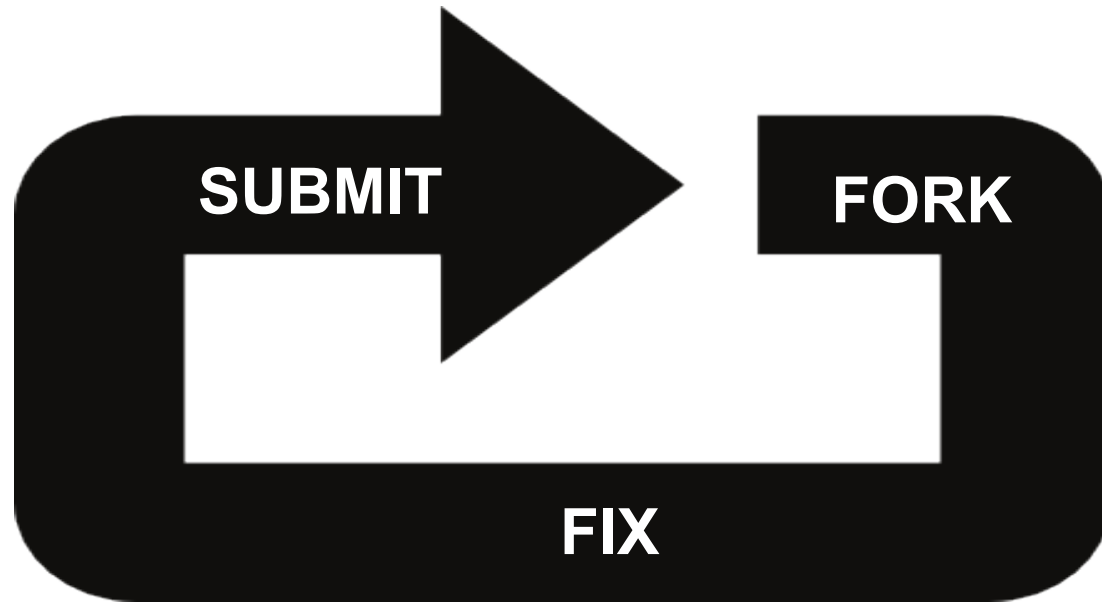
Christian Bruckmayer
cbruckmayer@suse.com

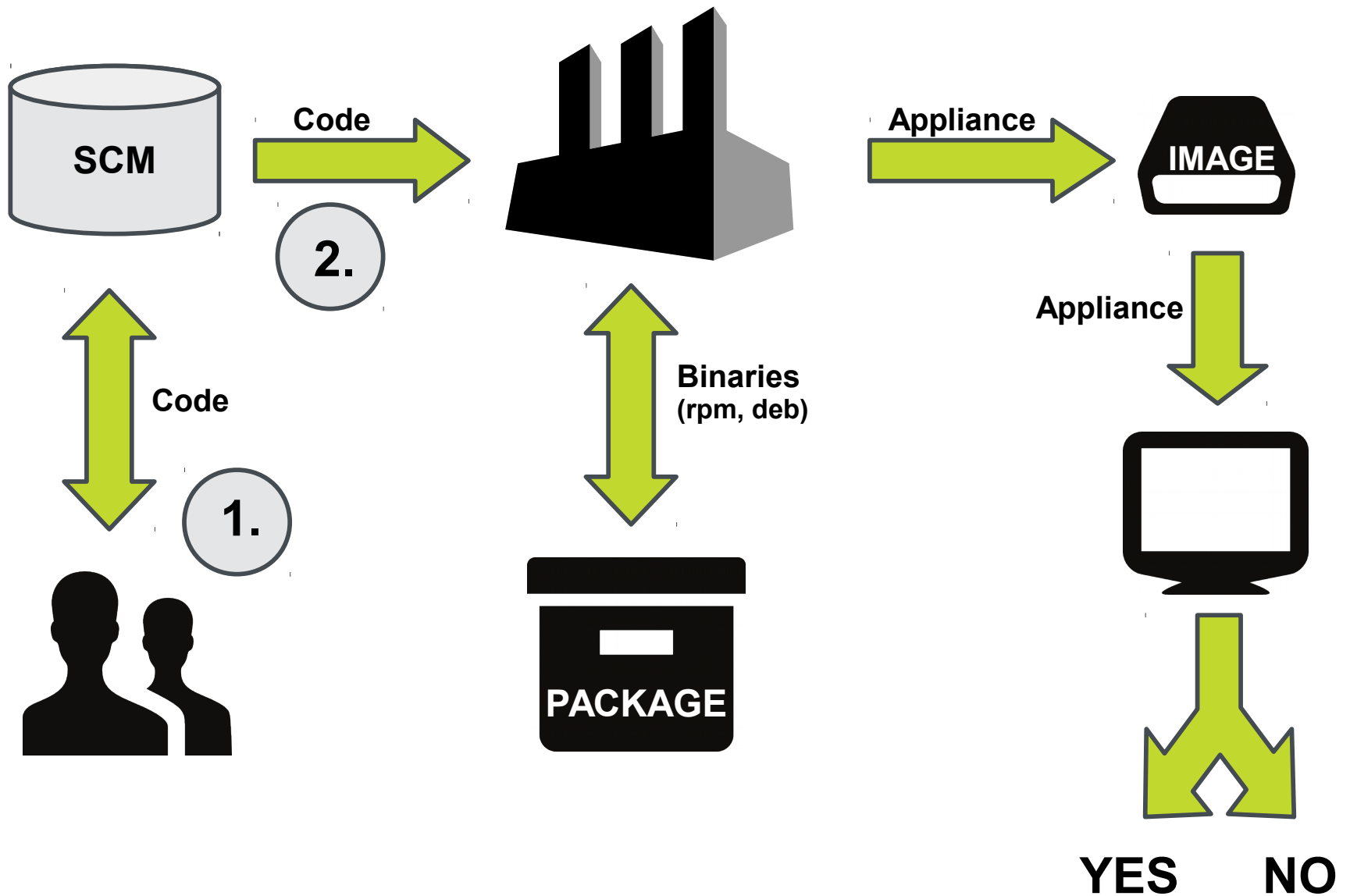












Applications: Popular



Simple hello world project to demonstrate CI capabilities of the Open Build Service

Edit

4 commits

1 branch

0 releases

1 contributor

GPL-3.0

Branch: master ▾

New pull request

Create new file

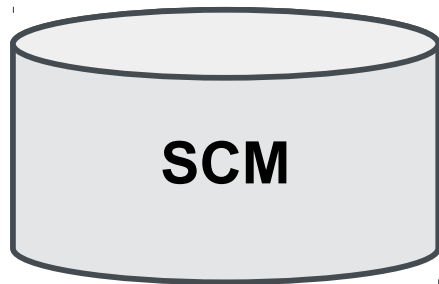
Upload files

Find file

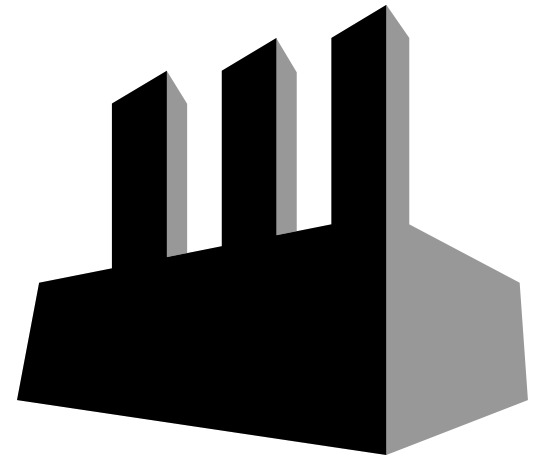
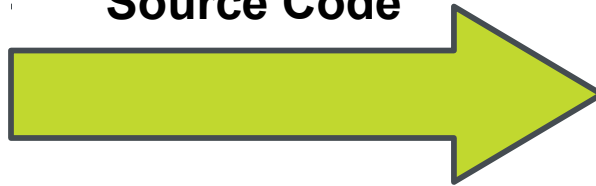
Clone or download ▾

ChrisBr committed on GitHub Update hello-fosdem script			Latest commit 47031ab 7 days ago
.gitignore	Initial commit		7 days ago
LICENSE	Initial commit		7 days ago
hello-fosdem	Update hello-fosdem script		7 days ago





Source Code



```
<services>
  <service name="tar_scm">
    <param name="url">
      git://github.com/fosdem.git
    </param>
    <param name="scm">git</param>
  </service>
  <service name="set_version">
    <param name="basename">hello-fosdem</param>
  </service>
</services>
```



Open Build Service

[Open Build Service \(OBS\)](#) is a Web service for building packages for various Linux distributions. It's run by OpenSUSE project but available for any open-source community.

This hook enables you to trigger your OBS build once new commits are pushed into the repository. It is configured to use *api.opensuse.org* host by default, but you may use it for your own OBS instance as well. It must be version 2.5 or higher, though.

Prerequisites

1. Configure your OBS project to fetch sources from Git. You would have to add a *Source Service* for this to work, check OBS manual for more information.
2. Create an authentication token for your account using `osc` command line tool.
For a generic token not tied to the specific package:

```
# osc token --create
```

For a token which can be used only for specific package

```
# osc token --create PROJECT PACKAGE
```

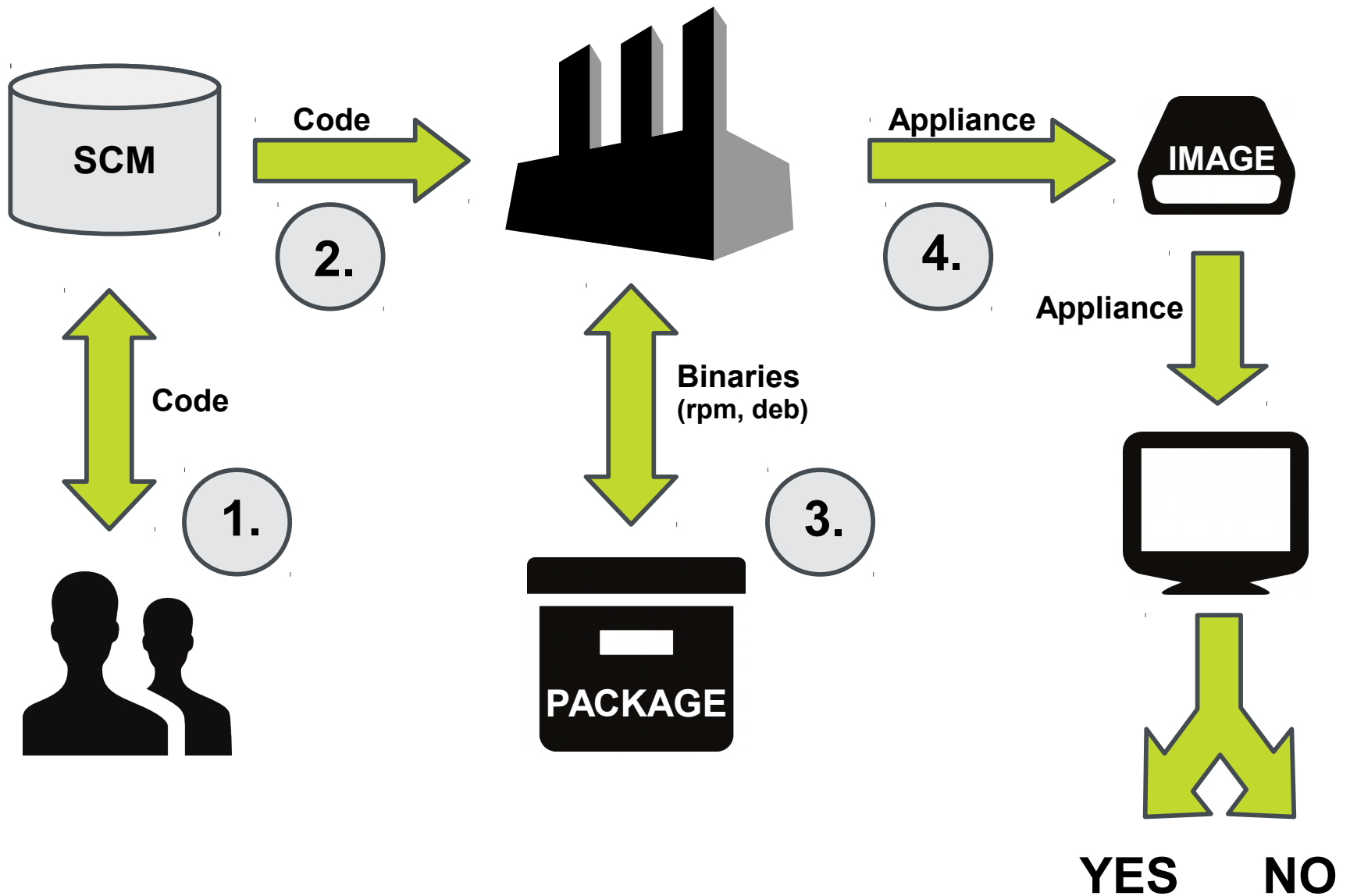
In the former case you may use single token in multiple Web hooks, to trigger multiple projects, but you would have to specify those OBS project and repository names. If the latter case you have to use different tokens for different projects, but you may leave "Project" and "Package" fields blank here, simply using the token only is enough.

To see all your already-created tokens, run

```
# osc token
```

You may also use a comma-separated list of tokens to trigger several OBS builds in order.

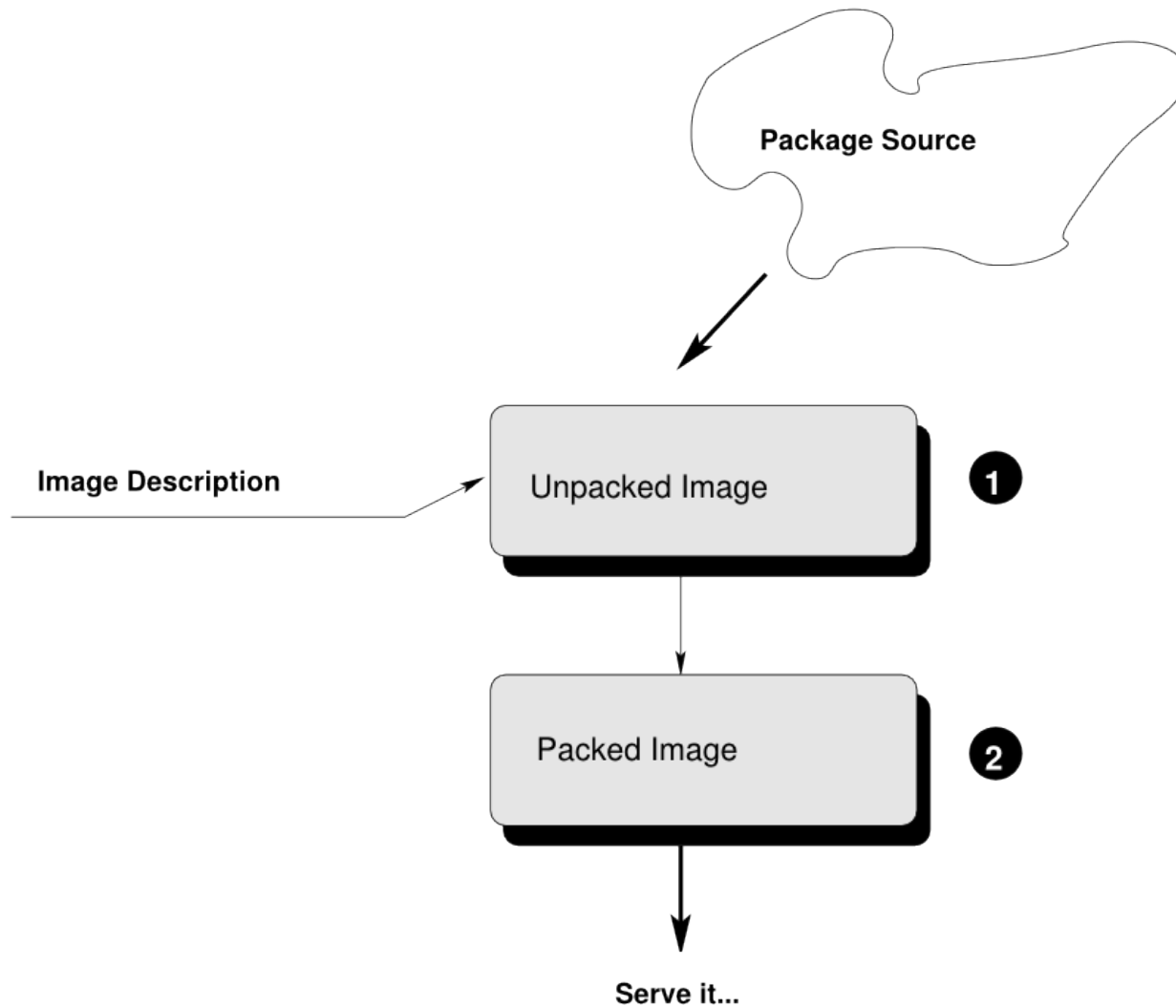






"This image shows a cut kiwifruit" by Luc Viatour is licensed under CC BY 2.5





config.xml

optional

images.sh

config.sh

root/

config-yast-firstboot.xml

config-yast-autoyast.xml

config-cdroot.tgz

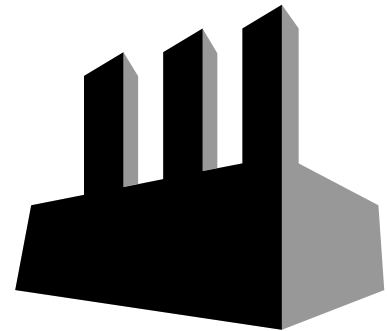
config-cdroot.sh

config/





Import



Welcome to Open Build Service

The [Open Build Service \(OBS\)](#) is an open and complete distribution development platform that provides a transparent infrastructure for development of Linux distributions, used by openSUSE, MeeGo and other distributions. Supporting also Fedora, Debian, Ubuntu, RedHat and other Linux distributions.

The OBS is developed under the umbrella of the [openSUSE project](#). Please find further informations on the [openSUSE Project wiki pages](#).

The Open Build Service developer team is greeting you. In case you use your OBS productive in your facility, please do us a favor and add yourself at [this wiki page](#). Have fun and fast build times!



Configuration



All Projects



Search



Status Monitor



New Image

Announcements



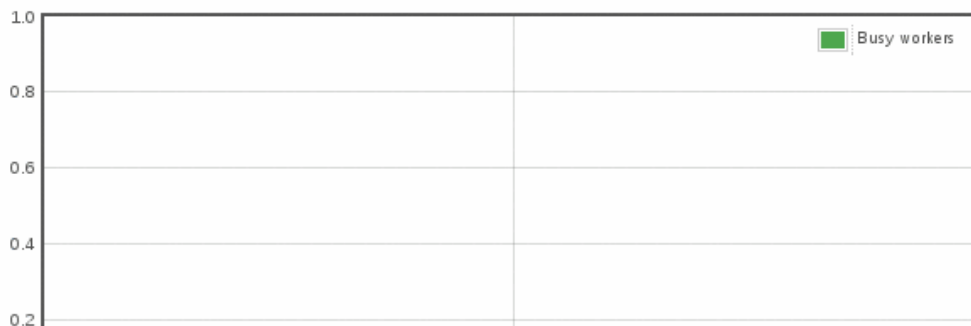
[Add new status](#)

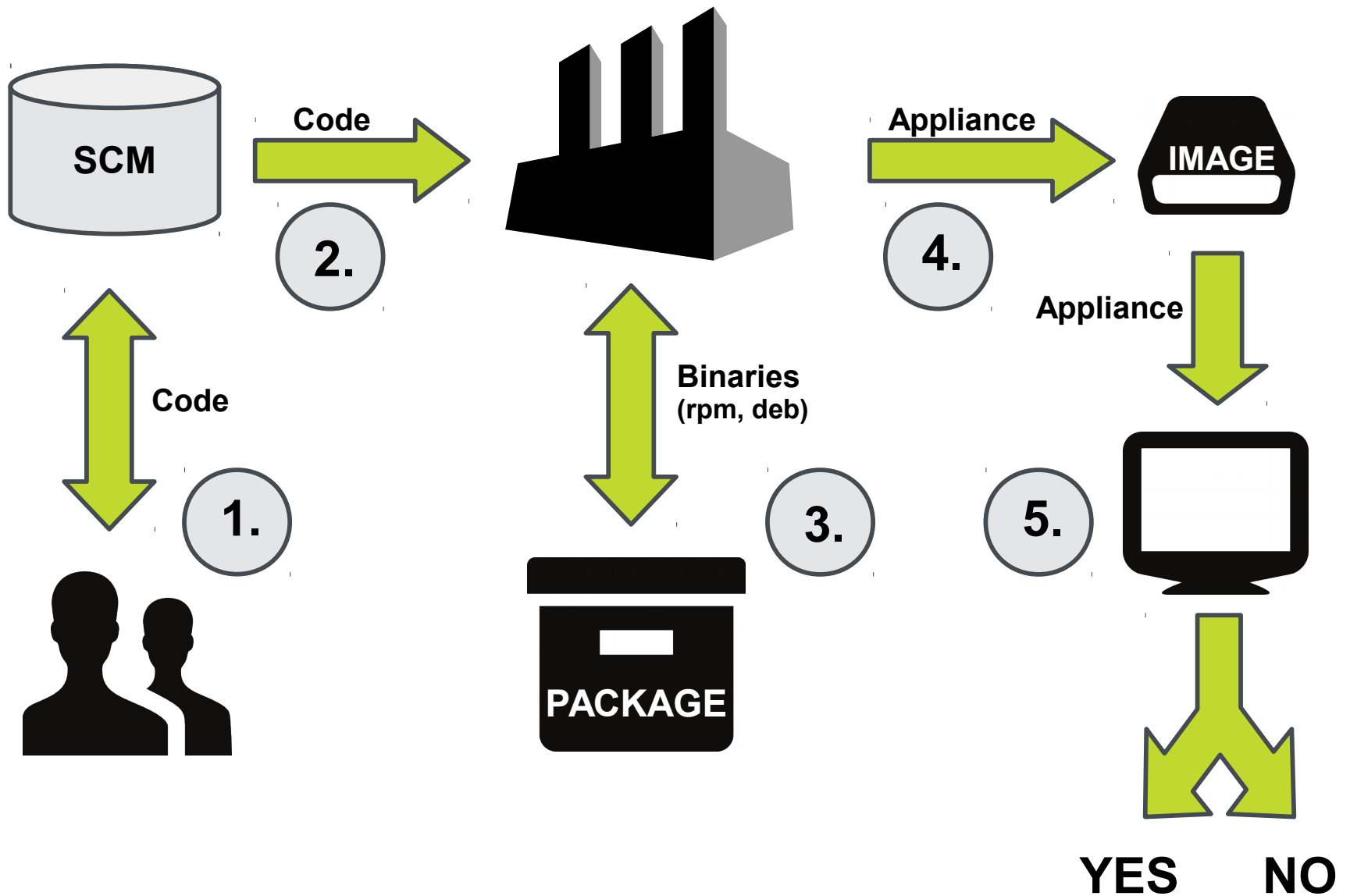
Latest Updates

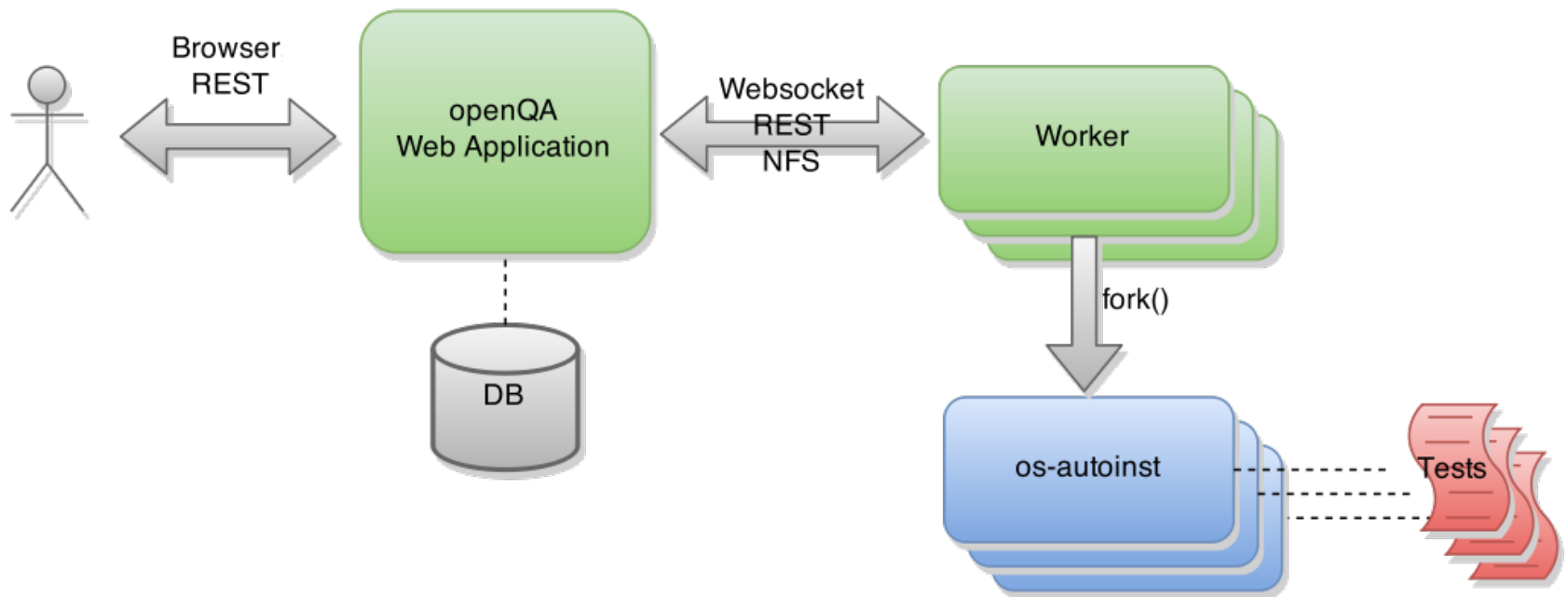


openSUSE-...rtualBox	1 minute ago
home:Admi...ges:42.1	1 minute ago
foooooobaaaaa	3 minutes ago
hello	about 1 hour ago
home:Admin	about 1 hour ago
openSUSE.org	about 2 hours ago

System Status









All Tests

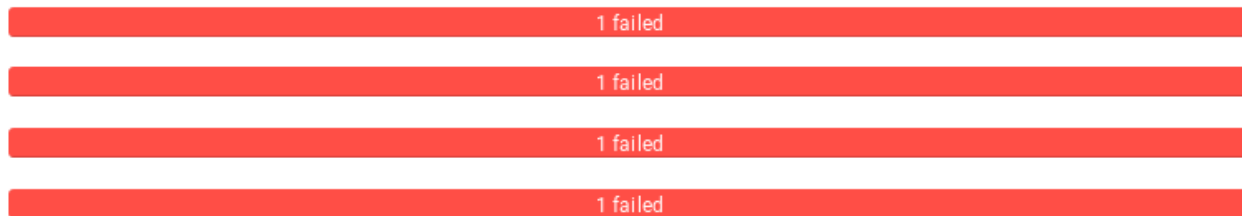
Job Groups ▾

Logged in as cbruckmayer ▾

Last Builds for FOSDEM

 EDIT JOB GROUP

- [Build4.3](#) (6 minutes ago)
- [Build4.2](#) (about an hour ago)
- [Build4.1](#) (about 3 hours ago)
- [Build1](#) (2 days ago)



Limit to [10](#) / [20](#) / [50](#) / [100](#) / [400](#) builds, only [tagged](#) / [all](#)



```
# wait for bootloader to appear  
assert_screen "bootloader", 30;  
# press enter to boot right away  
send_key "ret";  
...
```



Take image from: Screenshot 

Copy areas from: None ☒ Take matches



Hello FOSDEM RAW [OEM]

Failsafe -- Hello FOSDEM RAW [OEM]

The highlighted entry will be executed automatically in 1s.





What next?

BETA

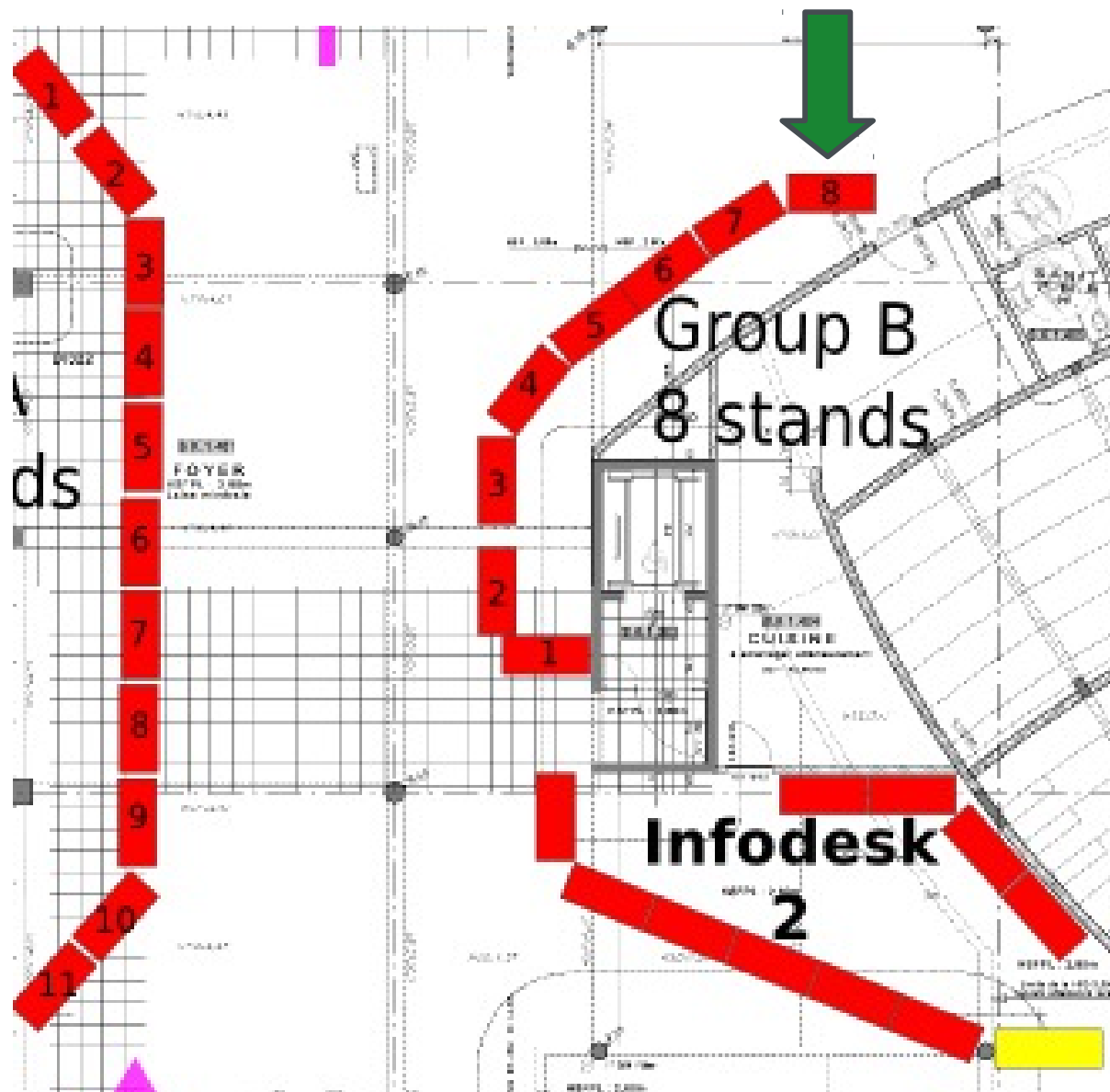
IMAGE


```
<multibuild>
```

```
  <package>hello-fosdem-iso</package>
```

```
  <package>hello-fosdem-raw</package>
```

```
</multibuild>
```





Christian Bruckmayer



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ChrisBr



@bruckmayer



Questions?

<https://www.opensuse.org/>

<http://openbuildservice.org/>

<https://github.com/openSUSE/kiwi>

<https://github.com/SUSE/kiwi>

<http://open.qa/>