

Jenkins

Jenkins - Current state of affairs

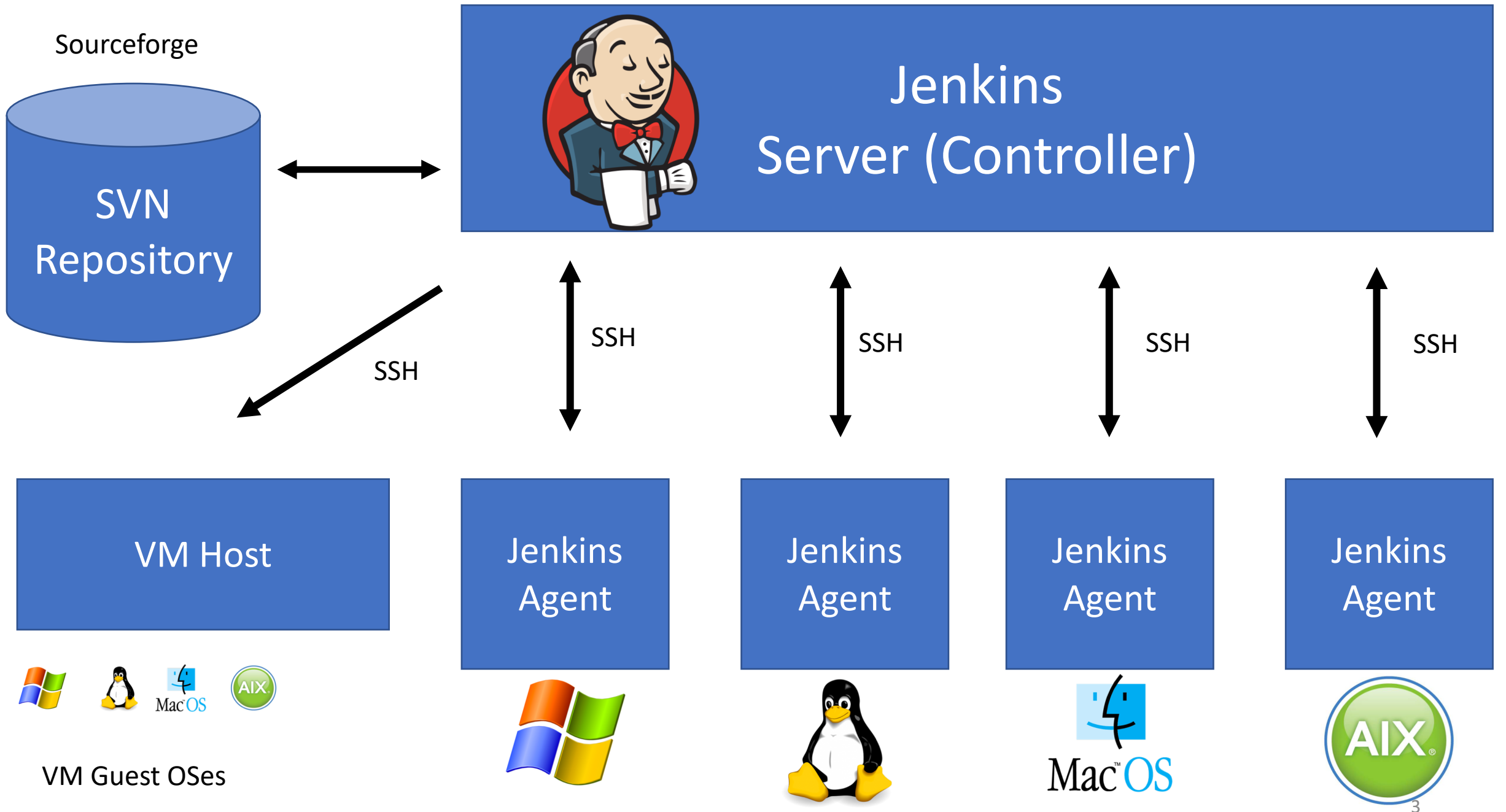
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33rd International Rexx Language Symposium,
Online, September 2022

Jenkins

<https://jenkins.io/>





Jenkins Master

- Jenkins is a self-contained, Java-based, automation **server**
- Can be installed on any machine with a Java Runtime (JRE)
- More than 1500 Plugins available
- Open Source
- Used for building, testing, and uploading ooRexx/NetRexx
- Still plenty of free capacity for further rexx-related tasks 😊

Jenkins Agents

- Can be set to do various tasks under the control of the Master
- Can be almost any machine accepting connections from Remote
- Can be setup to use SSH Protocol for communication
- Requires a communication module that is automatically downloaded from the Controller once connection has been established
- Requires JAVA

https://build.oorexx.org/



Welcome to Jenkins!

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Build Queue (1) v

ooRexx-{sourceforge-upload} x

Build Executor Status v

Built-In Node

1 Idle

x **IBMZ** (offline)

Marks-M1-Mac

The Rexx Language Association's cRexx, NetRexx and ooRexx Build Server

[Edit description](#)

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration
		crexx_aarch64_linux	35 min #5181	4 hr 35 min #5177	16 sec
		crexx_z_linux	10 days #16646	N/A	4.5 sec
		Jenkins-Environment-Variables-List	2 mo 10 days #4	N/A	20 ms
		NetRexx Multibranch Build	7 mo 4 days log	N/A	1.3 sec
		ooRexx-CentOS9-build	15 hr #36	N/A	1 min 52 sec
		ooRexx-CentOS9-test	27 min #38	4 days 14 hr #36	6 min 10 sec
		ooRexx-Controller-Ubuntu20-build	14 hr #179	N/A	2 min 1 sec
		ooRexx-Controller-Ubuntu20-test	14 hr #201	N/A	8 min 52 sec
		ooRexx-Debian11-build	14 hr #39	N/A	1 min 45 sec
		ooRexx-Debian11-test	14 hr #38	4 days 15 hr #35	5 min 56 sec
		ooRexx-Debian11-build	4 days 7 hr #12	N/A	3 min 47 sec

Build Executors

- Built-In Node
- IBMZ
- Marks-M1-Mac
- ams-01
- pos-MacPro-16Core
- pos-Pi-2B
- pos-Windows
- Ubuntu16

Physical Machines

- Dell T20 Jenkins @DE (P.O.)
- LinuxONE Rockhopper @NL (René)
- M1 Mac @AU (Mark)
- Raspberry Pi 4B @NL (René)
- 2019 MacPro @DE (P.O.)
- Raspberry Pi 2B @DE (P.O.)
- Dell GX760 @DE (P.O.)
- VM? @AT (Erich?)

- **Virtual Machines Build Executors**

- Debian based VMs
- pos-vbox-Debian 11
- pos-vbox-Ubuntu 20
- pos-vbox-LinuxMint 20

- Red Hat based VMs
- pos-vbox-CentOS9
- pos-vbox-Fedora 35

- Slackware based VMs
- pos-vbox-OpenSuse Leap 15.3

- SunOS/Solaris based VMs
- pos-vbox-OpenIndiana_2021.10

- BSD based VMs
- pos-vbox-FreeBSD
- pos-vbox-NetBSD
- pos-vbox-OpenBSD

- macOS based VMs
- pos-vbox-macOS-BigSur
- pos-vbox-macOS-Monterey

- Windows based VMs
- pos-vbox-Windows7
- pos-vbox-Windows8
- pos-vbox-Windows10
- Missing VM: Windows 11

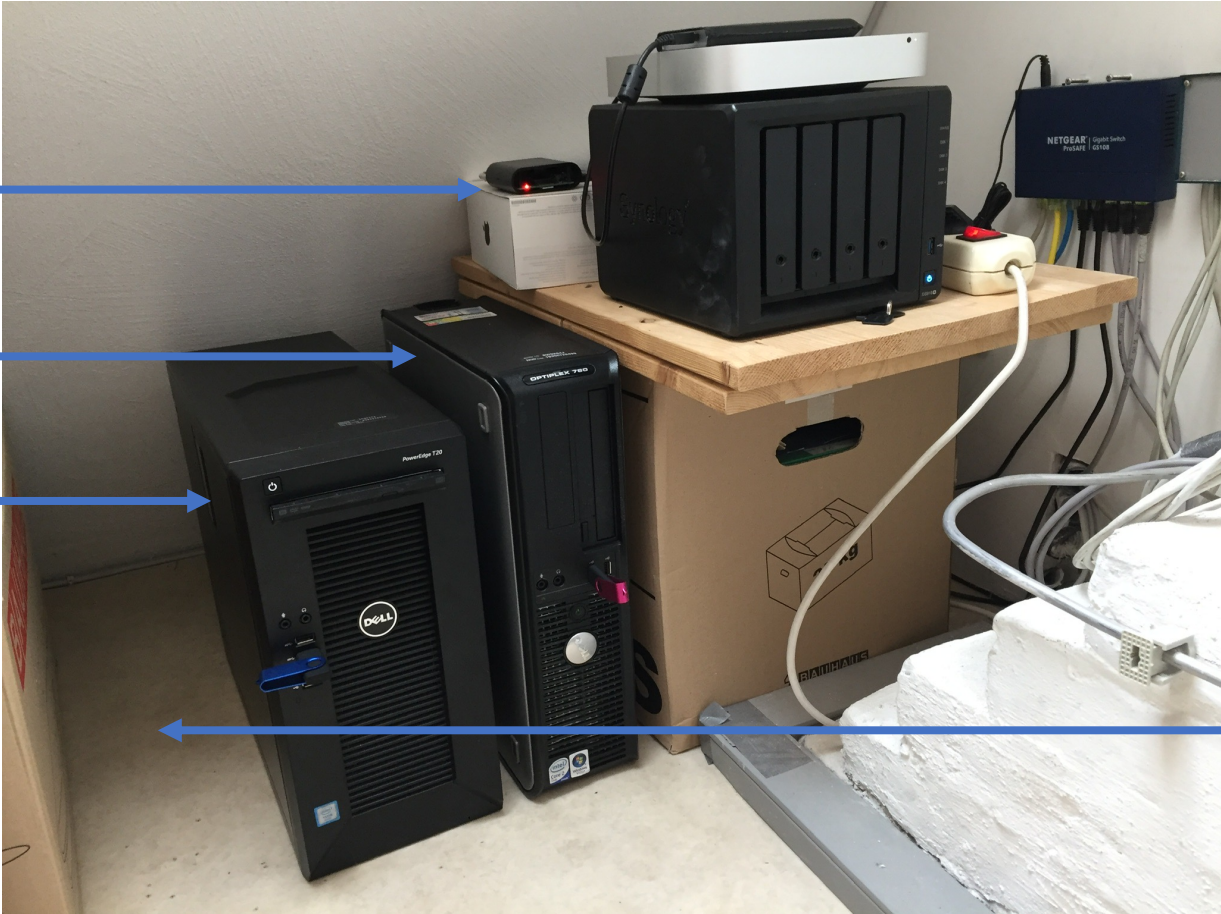
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Raspberry PI Slave

Windows Slave

Jenkins Master

Mac PRO here!



Thank you for your attention!

P.O. Jonsson (oorexx@jonases.se)