

openQA

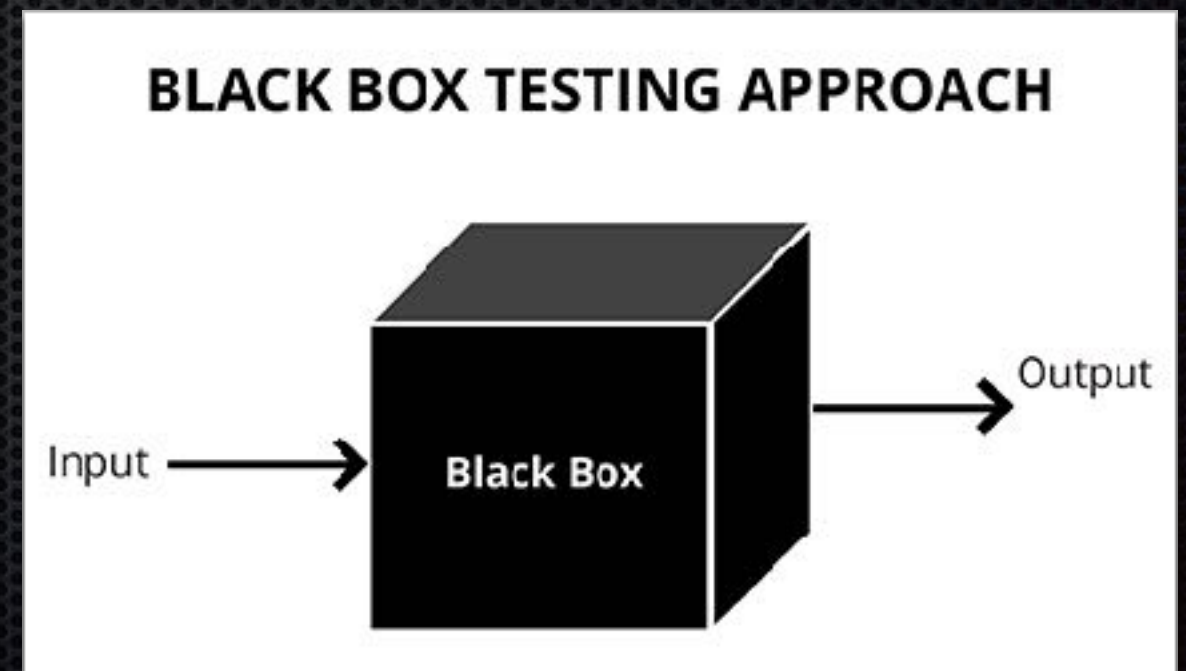
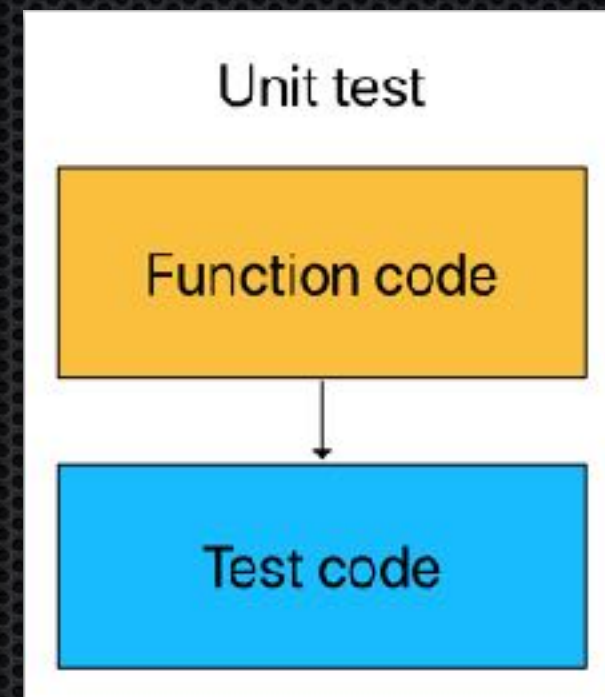
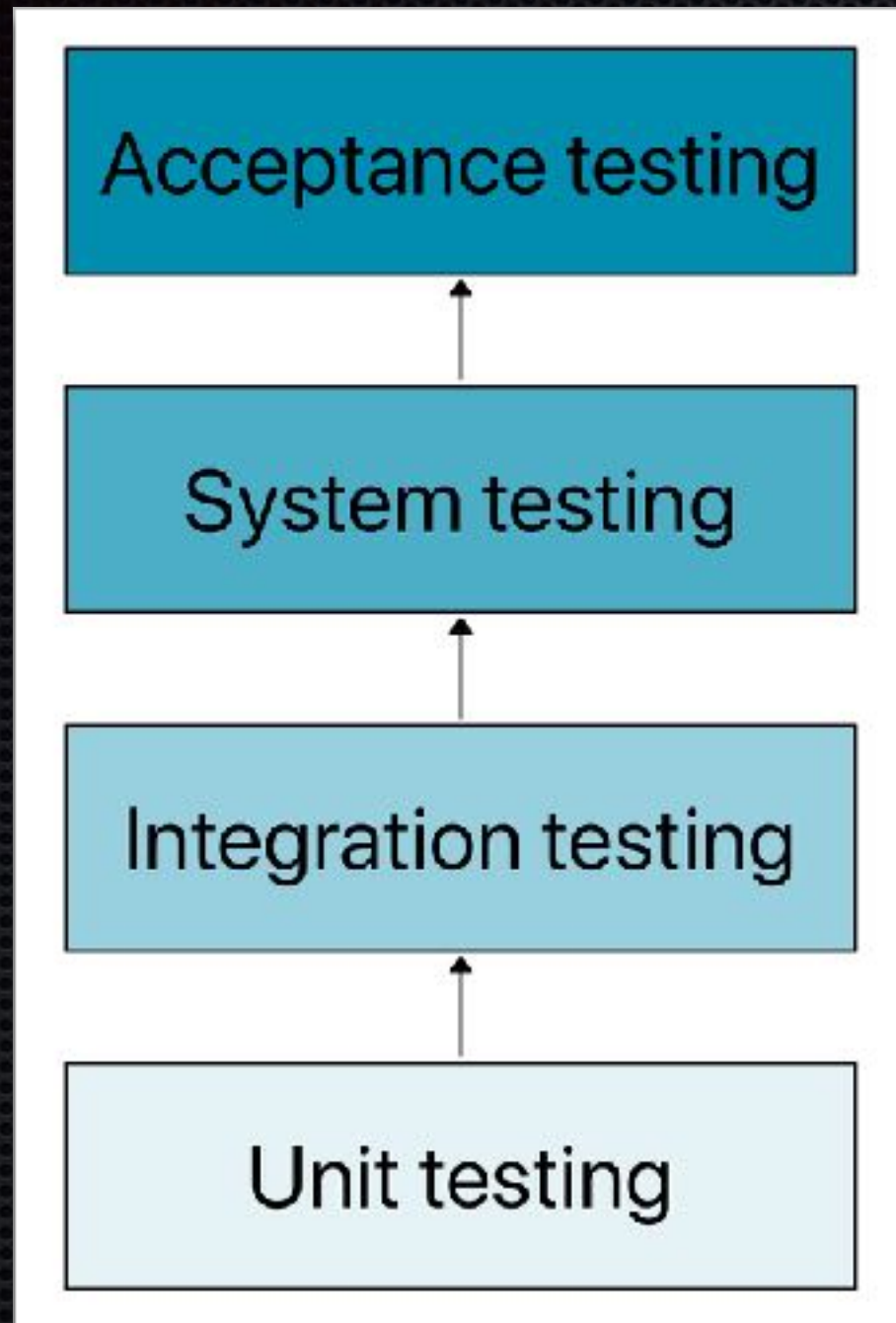
Automatic software testing tool

By @binary_sequence [twitter.com](https://twitter.com/binary_sequence)



QA Engineer

Test categories



Testing Frameworks



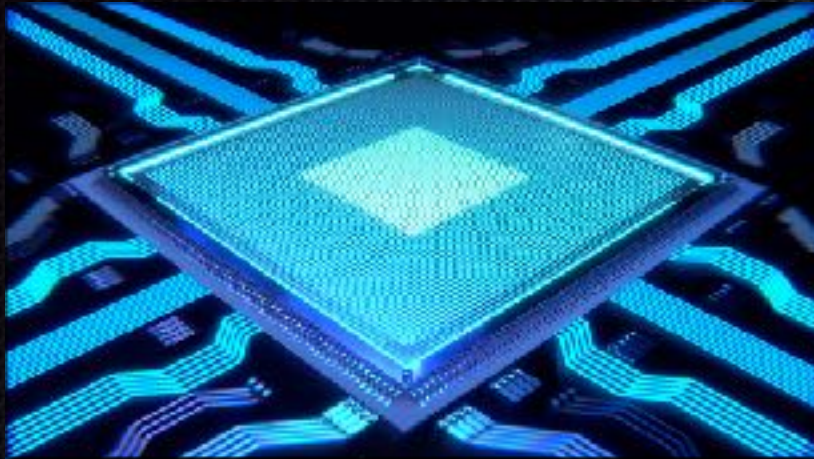
WHAT IS GHERKIN?

```
Scenario: Dr Bill posts to his own blog
  Given I am logged in as Dr Bill
  When I try to post to my blog
  Then I should see "Your article was published"
```

Acceptance test written in Gherkin

Welcome to openQA

Life is too short for manual testing!



ARM: Advanced RISC Machine (**aarch64**)

PowerPC 64 little-endian (**ppc64le**)

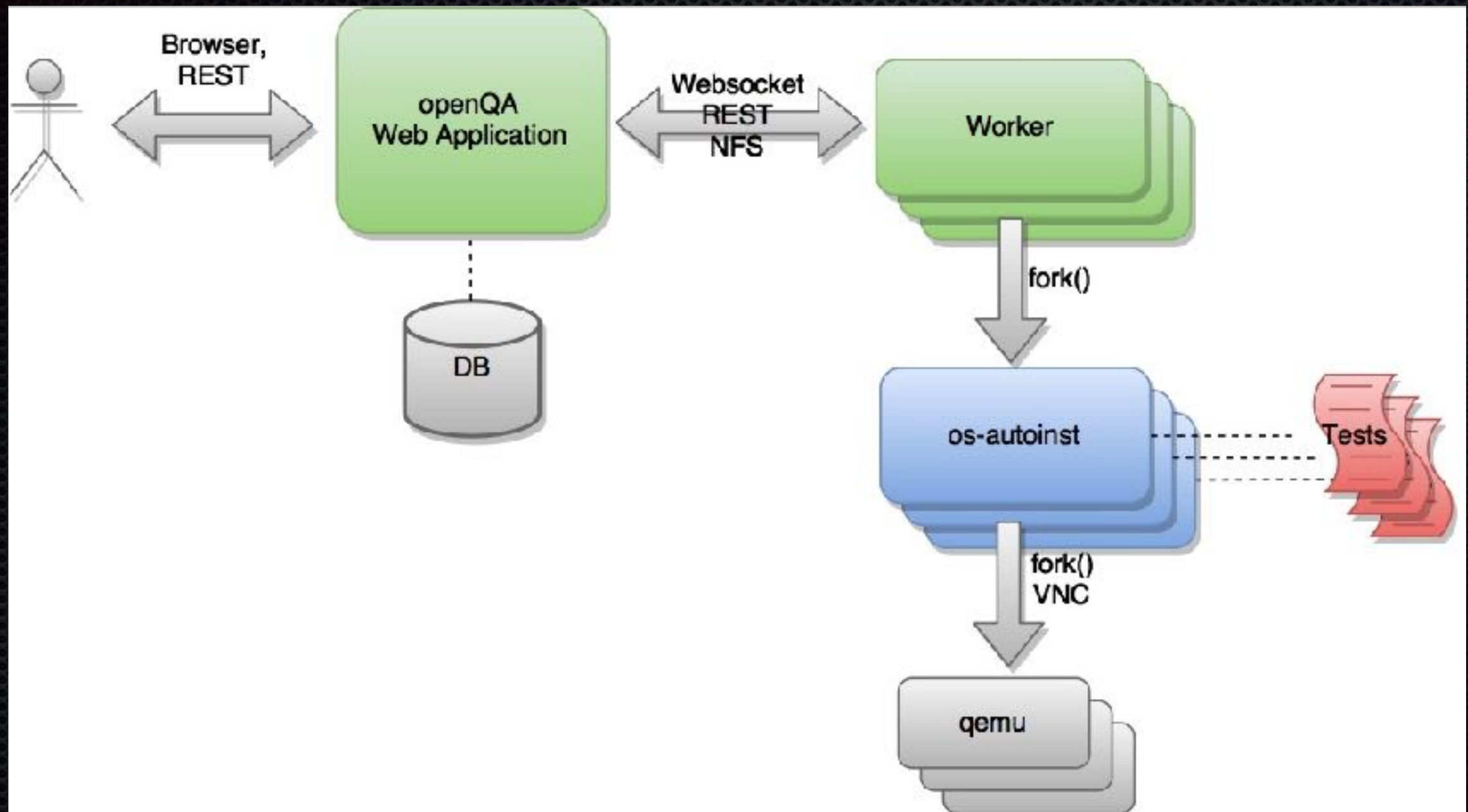
IBM System/390 X-series (**s390x**)

Intel & AMD x86 64-bit (**x86_64**)



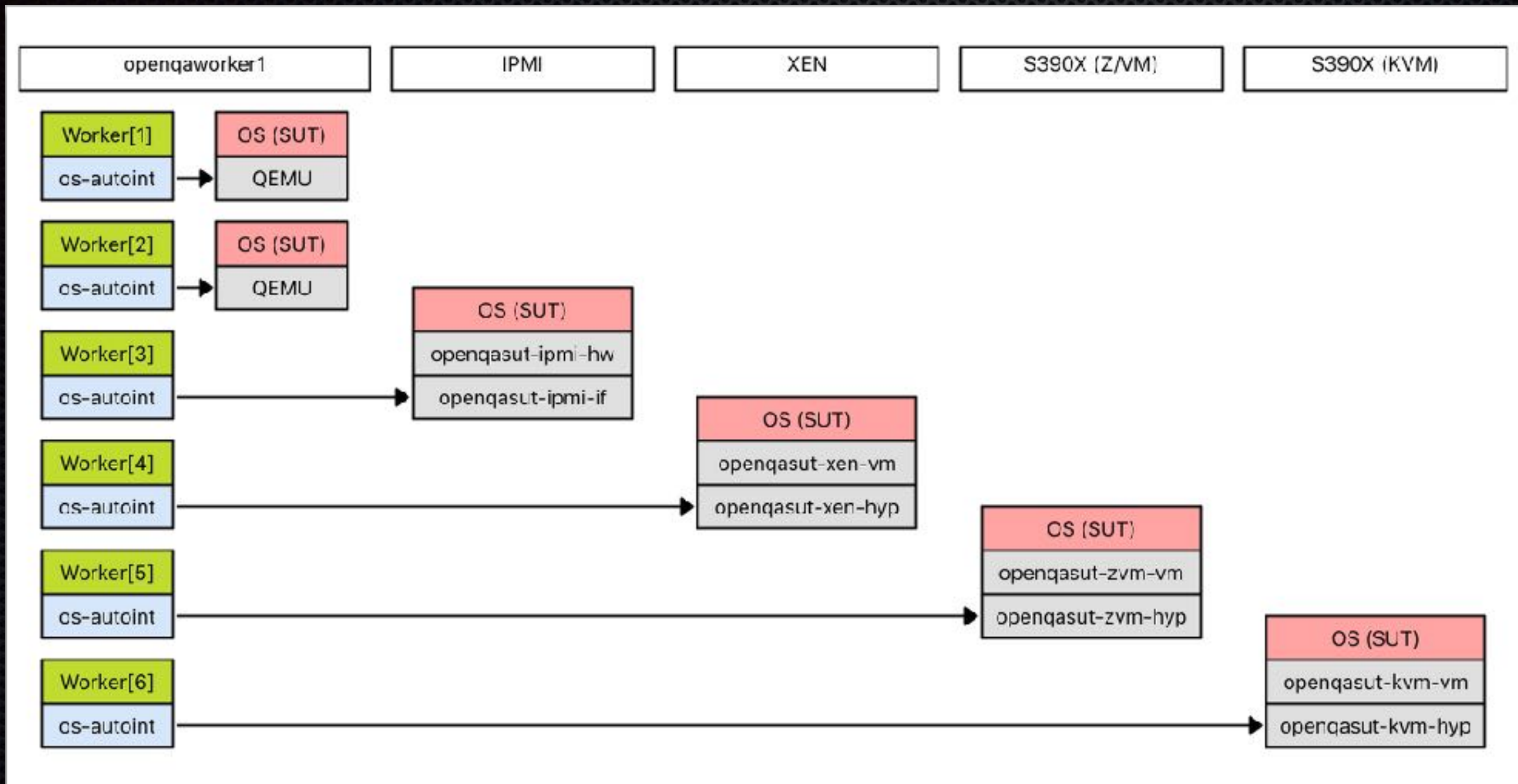
IPMI

Logical overview of openQA



SUT = System Under Test

Logical overview of os-autoinst



SUT = System Under Test



Results for opensuse-Tumbleweed-DVD-x86_64-Build20190115-gnome@64bit

Result: **softfailed** finished 5 days ago (01:11 hours)

Assigned worker: [openqaworker1:15](#)

[Details](#)

[Logs & Assets](#)

[Settings](#)

[Dependencies](#)

[Comments \(0\)](#)

[Next & previous results](#)



Test	Result	References
installation		
isosize	passed	
bootloader 	passed	
welcome	passed	

Test results

Result Files

-  Video
- vars.json
- serial0.txt
- autoinst-log.txt
- worker-log.txt
- serial_terminal.txt

Uploaded Logs

- logs_from_installation_system-y2logs.tar.bz2
- textinfo-info.txt
- textinfo-logs.tar.bz2

Assets

- openSUSE-Tumbleweed-DVD-x86_64-Snapshot20190115-Media.iso

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Logs & Assets



– *Leonidas I (540-480 BC)*
Warrior king of the Greek city-
state of Sparta



– Boromir (2978-3019 TA)
Captain of the White Tower

Links of interests

- <http://open.qa> (official page and documentation)
- <https://github.com/os-autoinst/openQA> (Upstream openQA source code)
- <https://github.com/os-autoinst/os-autoinst> (Upstream os-autoinst source code)
- <https://github.com/os-autoinst/os-autoinst-distri-example> (Template for new tests)
- <https://openqa.opensuse.org> (Public openQA instance “webui”)
- <https://github.com/os-autoinst/os-autoinst-distri-openQA> (Self-tests source code)
- <https://github.com/os-autoinst/os-autoinst-needles-openQA> (Needles for self-test)
- <https://github.com/os-autoinst/os-autoinst-distri-opensuse> (openSUSE/SLE tests)
- <https://github.com/os-autoinst/os-autoinst-needles-opensuse> (Needles for openSUSE/SLE)