Distribution CI using QEMU and OpenQA
About Me

• Alexander Graf
• KVM and QEMU developer for SUSE
  • Server class PowerPC KVM port
  • Nested SVM
• Founding member of SUSE ARM team
open build service
Insert SD Card
Boot system
Click “yes” on license question
Insert SD Card
Boot system
Click “yes” on license question
…
Insert SD Card
Boot system
Click “yes” on license question
Insert SD Card

Boot system

Click “yes” on license question...
Insert SD Card
Boot system
Click "yes" on license question
Insert SD Card

Boot system

Click “yes” on license question

...
[...]
wait_for_screen
type “enter”
wait_for_screen
type “enter”
[...]
wait_for_screen
type "enter"
wait_for_screen
type "enter"
Staging

open build service

SD CARD 64GB

Nvidia logo

- Linux
- Debian
- Windows
- macOS
- VMware
- virtualbox
- Windows VM
- KVM
- QEMU

- Edit script
- Configure
- Build
- Deploy
- Monitor
- Maintenance
Frame Buffer BAR
Registers
Frame Buffer BAR

Registers
[...]wait_for_screen
* timeout 1s*
[...]

wait_for_screen
  * timeout 1s *

[...]

[...]
The Future
KVM -M virt
Thank You
Icons

http://findicons.com/icon/64170/package

http://findicons.com/icon/72774/kiwi


Icons


https://commons.wikimedia.org/wiki/File:Crystal_Project_Hardware.png


https://stockarch.com/images/technology/ps2-connector-2898