



Continuous Integration for mainline Real-Time Linux

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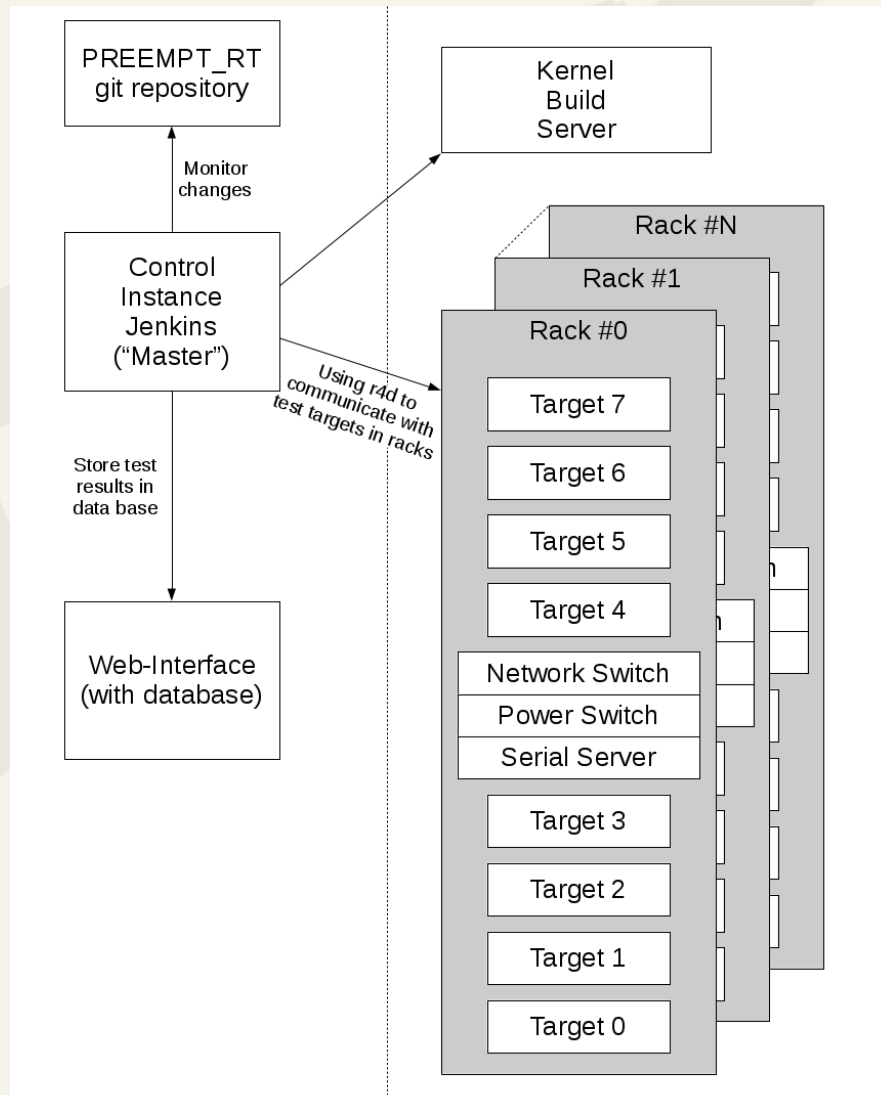
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CI-RT

- Jenkins-based test system
- Tailored towards the specific RT test needs
- One known lab at Linutronix with hardware provided by RT project members
- RT developers manage their tests via configuration in git
- Test results are published on ci-rt.linutronix.de



Overview over CI-RT's structure



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CI-RT for mainline Linux

- The test system can be used as-is
- Boot, cyclicttest with idle and stressed systems
- Additional trees to test
 - Current RC
 - linux-next
 - Stable trees, once RT is in a stable release
- Test frequency and duration (nightly, 8 hours?)



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RT for Other CI systems

- No other CI systems for Linux run RT tests
- RT-enabled mainline configurations should be tested in other labs
 - Cover more hardware
 - Raise RT awareness among kernel hackers
- Which CI systems should we provide RT test support for? – KernelCI, ...