



IBM

KVM Forum 2010

QEMU State of the Union

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IBM Linux Technology Center

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KVM Forum 2010

Community

(Since KVM Forum 2008)

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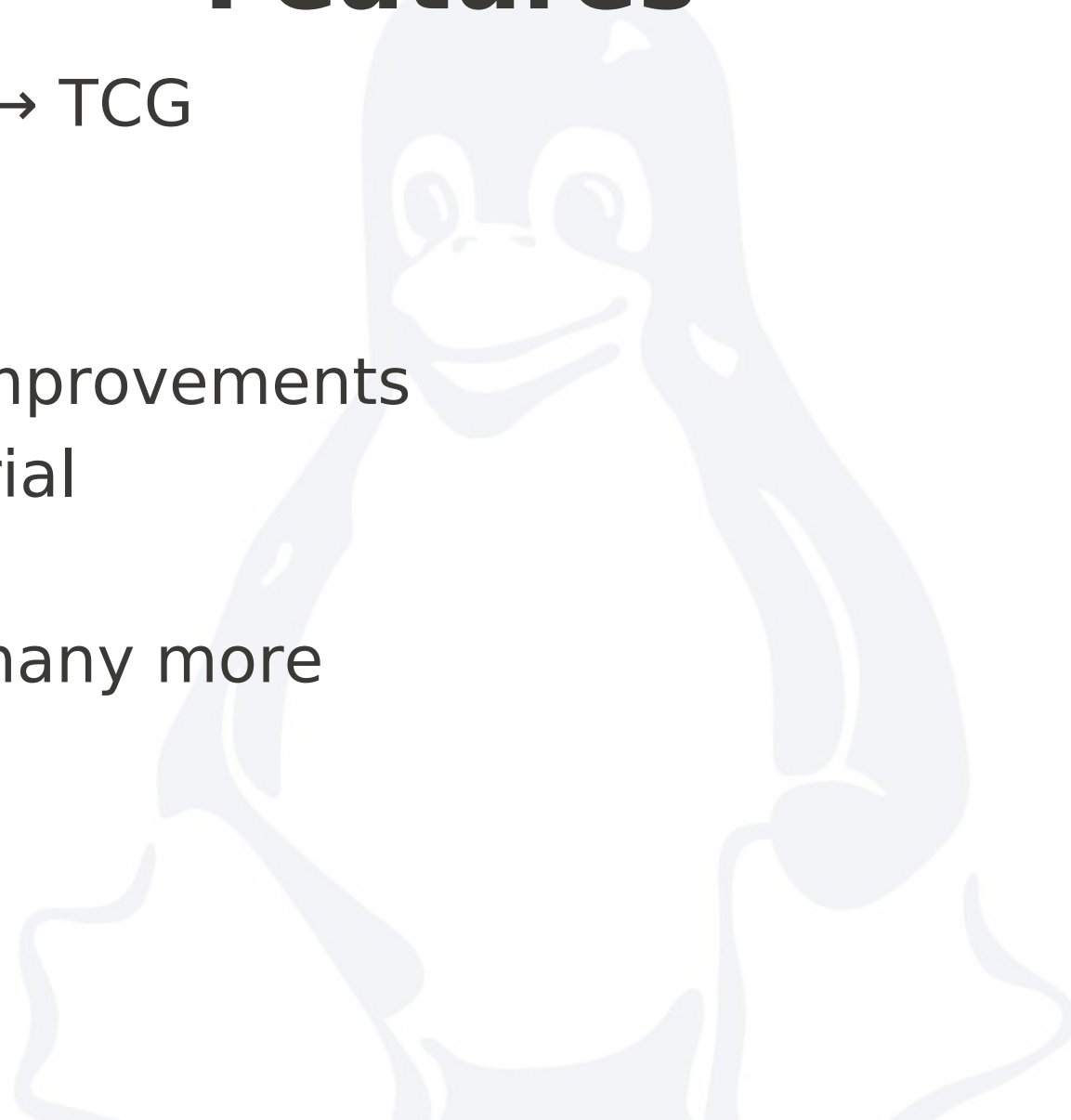
Major Improvements

- (Mostly) predictable release schedule
- Improvements in patch review
 - We can do better
- Subtree Maintainers
 - Block, PCI, QMP
- Launch of qemu.org
- Our first Bug Day
- Launchpad based bug tracker



Features

- Dyngen → TCG
- QMP
- VMState
- qcow2 improvements
- virtio-serial
- qdev
- And so many more



Challenges Ahead

- Every increasing patch rate
 - Decentralize to scale
- Tackling major architecture changes
 - Threading
 - Performance
 - Robustness
- Disciplined development
 - Rigorous test coverage
 - Documented interfaces
- Backwards compatibility
 - Still learning to solve this problem
 - Strive for strong (provable) compatibility
- Information management (qemu-devel)



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Enjoy day two!

