



KVM Forum 2010

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August 9, 2010

Agenda

Maintainership

Status

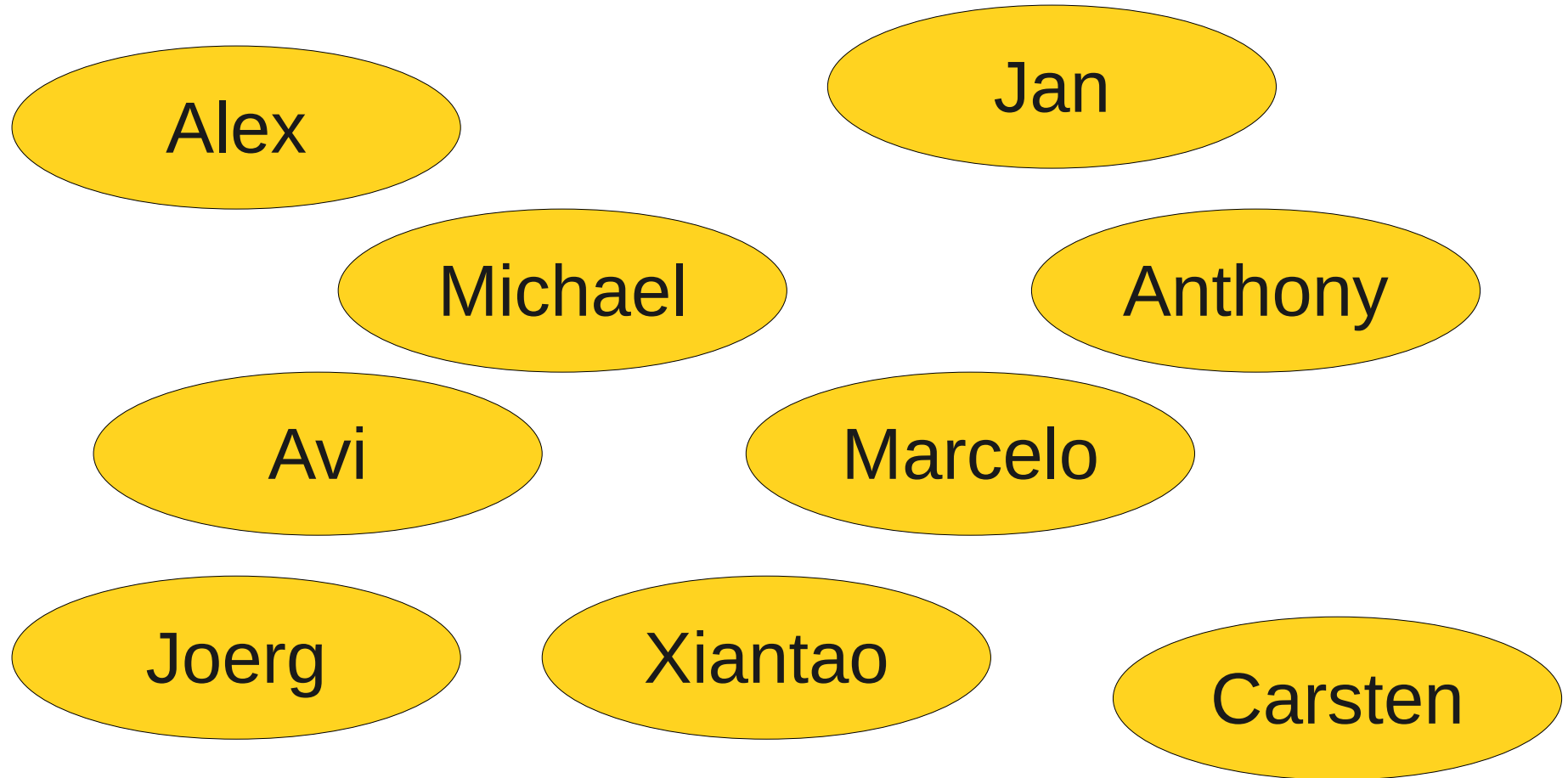
Community

Ports

Challenges



Maintainership



“Another flaw in the human character is that everybody wants to build and nobody wants to do maintenance.”

- Kurt Vonnegut (1922 - 2007)



Status

- Enterprise production
- Performance leadership
- Competitive feature set



Transparent
Hugepages

64-vcpu
Scaling



SR/IOV

SamePage
Merging



“I'm not interested in preserving the status quo; I want to overthrow it.”

- Niccolo Machiavelli



Community

- Growing participation
- Revitalized QEMU community

We started off trying to set up a small anarchist community, but people wouldn't obey the rules.

- Alan Bennett



Ports

- s390
- ia64
- Many flavors of powerpc
- ARM (coming soon?)

- Clean, simple, short code
- No bug reports

If debugging is the art of removing bugs, then programming must be the art of inserting them.

- Unknown



Challenges

- Essentially the same as the challenges facing Linux
 - Need to continue improving
 - With growing burden of backwards compatibility
 - Growing risk of regression
 - More developers poking at code
 - Keep maintainers' scope limited
 - Can focus on reasonable amount of code
 - “Add-ons” - Kemari, sheepdog, ...
 - Improved documentation, specifications
 - Improved and automated testing
 - High bar to new interfaces

“A lot of people say, 'Well, I like a challenge.' I don't like challenges. Life is tough enough without any challenges.”



Questions

