

KVM Forum – Day 2



QEMU Weather Report

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Highlights

- Major features and fixes
- Four major releases (1.4 through 1.7)
 - Nine stable releases
- Four GSoC projects
- Active and growing community

Year	Commits	Growth	Contributors	Growth
2013	6769	20.00%	312	12.64%
2012	5641	42.88%	277	20.96%
2011	3948	10.31%	229	18.65%
2010	3579	-4.18%	193	58.20%
2009	3735	78.71%	122	

Major Features

- RDMA live migration
- aarch64 support in TCG
- VGA passthrough with VFIO
- VMware pvscsi and vmxnet emulation
- GTK+ UI
- virtio-blk-dataplane

- *And so much more!*

Google Summer of Code

- **USB Media Transfer Protocol emulation** – a|mond
 - *Mentor:* Gerd Hoffman
 - *Status:* Patches pending
- **Convert coroutines to Continuation Passing C** – Charlie Sheperd
 - *Mentor:* Stefan Hajnoczi
 - *Status:* Code available, not submitted
- **Copy/paste integration** – Ozan Caglayan/Pallav Agrawal
 - *Mentor:* Mike Roth
 - *Status:* Code available, not submitted
- **Integrating Kconfig into QEMU** – Akos Kovacs
 - *Mentor:* Paolo Bonzini
 - *Status:* Code submitted

Top 10 - Individuals

Who is...

Writing Code

<i>Andreas Faerber</i>	705
Paolo Bonzini	658
Richard Henderson	536
Gerd Hoffmann	328
<i>Peter Maydell</i>	298
Kevin Wolf	245
Markus Armbruster	173
Stefan Hajnoczi	173
Peter Crosthwaite	148
Alexander Graf	136

Reviewing Code

Eric Blake	349
Richard Henderson	230
<i>Peter Maydell</i>	190
Paolo Bonzini	158
<i>Andreas Faerber</i>	134
Anthony Liguori	116
Laszlo Ersek	96
Aurelien Jarno	85
Juan Quintela	84
Orit Wasserman	81

Applying Code

Anthony Liguori	795
Stefan Hajnoczi	477
Alexander Graf	338
Kevin Wolf	317
Blue Swirl	298
<i>Andreas Faerber</i>	211
Gerd Hoffmann	167
Aurelien Jarno	148
Michael Tokarev	138
<i>Peter Maydell</i>	128

Top 10 - Companies

Who is...

Sponsoring Code

Red Hat	2626
SUSE	834
IBM	553
twiddle.net	536
Linaro	304
gmail.com	172
Xilinx	154
weilnetz.de	128
aurel32.net	120
GreenSocs	79



Looking Forward

- **Community is strong**
 - Adding contributors
 - Increasing productivity of existing contributors
- **More focus on patch review**
 - Only about 1/3rd of commits include Reviewed-bys
- **Continued focus on automated testing**
 - Frameworks are complete

Enjoy Day 2 of KVM Forum!