Stanislav Fomichev

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Skills

Programming languages	Proficient with C Familiar with C++, Ruby, Python, Shell scripting
Software and tools	GNU toolchain, Make, GDB, Autotools, Diff, Patch, Quilt, Git
Operating systems and environments	Understanding of Linux kernel internals Everyday user of Vim, Tmux, Bash, Mutt
Foreign languages	Fluent English Native Russian

Experience

2013 - Present	**Software Engineer**	Yandex

– As part of a team made Yandex specific adaptations for Linux Kernel and fixed bugs (migrated Yandex search from FreeBSD to Linux)
– perf timechart: implemented io mode, backtrace and other features (upstreamed)
– perf trace: implemented page fault tracing (upstreamed)
– Implemented daemon for running applications in isolated containers (kind of like lmctfy)

2008 - 2013	**Software Engineer**	EPSCom AG

Consulting for Lantiq Deutschland GmbH:
– Implemented complete OMCI (ITU G.984.4/G.988) protocol stack in the userspace for MIPS board
– Implemented and ported various U-boot and Linux drivers (NAND/SPI flashes, GPIO, I2C, SPI, parts of Ethernet and GPON drivers)
– Ported OMCI application, GPON and various BSP drivers (Ethernet, SPI, NOR, Watchdog) to eCos
– Supported and extended debugging application (Qt/C++ and Python)

2011 - present	**Open source**	Github

– Linux kernel
– libcg
– OpenWRT UCI

Education

2008 - 2013	**Engineer**	National research nuclear university "MEPhI" (Moscow)

Computer Engineering