

Eduard Bartosh

Software Engineer

Areas of expertise: Python development, Linux build systems, software integration, strong general IT and Unix expertise. Work well independently and within a team. Self-starter with minimal amount of instructions and supervision required.

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Date of Birth: July 2, 1965

Marital Status: married

Professional Experience

2004-now

[Nokia Corporation](#)

Senior Design Engineer

- Designed, developed and maintained build&integration system for Nokia linux-based mobile devices
- Designed and developed repository management software
- Designed and developed Continuous Integration system
- Maintained kernel and core userspace packages
- Maintained Maemo SDK packages
- Designed and developed localisation infrastructure for Maemo software

[Maemo Community](#)

Developer, Packager, root@maemo

- Ported and maintained several projects for [Maemo](#): OpenSSH, Evince, TuxType
- Packaged [Enlightenment Foundation Libraries](#) for [Maemo](#)
- Packaged IPython and helped with developing building infrastructure for Python for [Maemo](#)
- Designed, developed and maintained [Maemo](#) autobuilder
- Ported Mnemosyne learning tool for [Maemo](#)
- Taking part in [GSoC](#) 2009 as a mentor
- Built base system for [Emdebian project](#) using Maemo packages and modified tools from Debian

2003-2004

[Alt Linux team](#)

Package maintainer, member of Alt Linux kernel committee

- Adopted Linux kernel 2.6 and kernel modules packages for [ALT Linux](#) distribution
- Packaged isakmpd (IPSEC daemon) for [ALT Linux](#)

- Maintained server-oriented kernel package (kernel-image-aw) and other packages for Alt Linux
- Took part in the development of the debian-like build scheme for [ALT Linux](#) kernel-related packages

2001-2004

Software development company "SaM Solutions"

Software developer

- Developed hotswap subsystem (userspace and kernel space parts)
- SCSI, lm_sensors and NICs boot detection and configuration (shell scripting)
- Linux kernel: dm (device mapper) fix for GETSIZE64 (allows to create XFS volumes >1Tb on the EVMS devices)
- Linux kernel: fixes for net_mod package and Alacritech TOE NIC driver
- Linux kernel: developed I18N functionality to NFS
- Linux kernel: developed uid/gid mapping to NFS
- Linux kernel: adopted pdccraid module for FastTrack software RAID controller
- ApplianceWare: developed and maintained Network Attached Storage server-side software
- ApplianceWare: implemented POSIX ACL (Access Control Lists) functionality
- ApplianceWare: integrated ADS (Advanced Directory Services)
- ApplianceWare: packaged and maintained Linux kernel

Education

1982-1988: Master's Degree in Electrical Engineering in Saint Petersburg State University of Aerospace Instrumentation, Russia

Technical skills

Operation Systems: Unix/Linux

Programming languages: **strong knowledge of Python**, moderate: C, Shell, some: C++, Ruby, Erlang

VCS tools: git, svn, cvs, mercurial, bazaar

Databases: MySQL, PostgreSQL, DB2

Internet: TCP/IP, HTML, XML

Languages

Russian: Native

English: Good

Finnish: Basic

Last updated: March 20, 2011

Original <http://www.bartosh.org/cv.html>
document:
Pdf version: <http://www.bartosh.org/cv.pdf>