Mikhail Glushenkov

CONTACT INFORMATION

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WORK EXPERIENCE

Haskell.org   *Summer 2013, Google Summer of Code Student*
(Work in progress.) I'm adding support for module-level parallel builds to Cabal, a system for building and packaging Haskell libraries and programs.

Haskell.org   *Summer 2012, Google Summer of Code Student*
Added support for sandboxed builds and isolated environments to Cabal. Sandboxing partially solves the important "Cabal hell" problem. Code ships with Cabal since version 1.18.

Haskell.org   *Summer 2011, Google Summer of Code Student*
Parallelised the standard `cabal-install` tool, making it possible to build multiple Cabal packages in parallel. Code ships with Cabal since version 1.16.

Codedgers Inc.   *December 2007-May 2011, Software Engineer*
Worked on Morpher (`http://morpher.com/`), an LLVM-based code obfuscator. Wrote a generic compiler driver (`llvmc`). Implemented a dynamic software watermarking tool suite.

EDUCATION

Umeå University, Umeå, Sweden
MSc(Eng) in Computer Science, December 2014 (expected)

Technical University of Denmark, Copenhagen, Denmark
Types at Work Summer School (`http://typesatwork.imm.dtu.dk/`), August 2009

PORTFOLIO

ghc-parmake, 2011-now   `https://github.com/23Skidoo/ghc-parmake`
A parallel driver for the GHC Haskell Compiler. It can build a Haskell program in parallel using multiple cores (à la `make -j`). Used as a drop-in replacement for `ghc --make`.

Haskell Platform, 2009-now   `http://hackage.haskell.org/platform/`
The Haskell Platform is a single, standard Haskell distribution for every system, in the form of a blessed library and tool suite for Haskell. I maintain the Windows installer.

llvmc, 2007-2011   `http://llvm.org/releases/2.9/docs/CompilerDriver.html`
A generic compiler driver, designed to be customisable and extensible. Generates a C++ driver program from a declarative description. Used to be a part of the LLVM project.

Open source
I worked on patches for various open source projects including Doxygen, LLVM and Cabal. I'm `23Skidoo` on GitHub.

Blog, 2011-now   `http://coldwa.st/e/blog`

SKILLS

Programming Languages: Proficient in Haskell, C++, C, Python. Familiar with Ocaml, Java, Assembly (x86/MIPS/AVR), Matlab, SQL, Scheme, Lua, UNIX shell.
Tools: Emacs, Git, SVN, MSVC, NSIS, etc.
Platforms: UNIX-like (preferable), Win32.

MISC

Right to work in EU and EFTA countries. Willing to relocate.