


Haskell Platform UX

5.23.2014
version 1.0

Haskell

LearnDownloadPackagesCommunityContribute

Comprehensive

The Haskell Platform is the easiest way to get started with programming Haskell. It comes with all you need to get up and running. Think of it as "Haskell: batteries included"

Robust

The Haskell Platform contains only stable and widely-used tools and libraries, drawn from a pool of thousands of Haskell packages, ensuring you get the best from what is on offer.

Cutting-Edge

The Haskell Platform ships with advanced features such as multicore parallelism, thread sparks and transactional memory, along with many other technologies, to help you get work done.

DOWNLOAD

Latest Updates

Current Release: 2013.2.0.0

Bundled with:

- Cabal 1.16.0
- Haddock 2.13.2
- GHC 7.6.3

[view more...](#)

Next Release: 2013.4.0.0

Previous Releases

New Packages

Package	Version	Date
attoparsec	0.13.0	5.12.14
case-insensitive	0.10.0	5.10.14
hashable	0.8.1	5.10.14

Learn Haskell

- What is Haskell?
- Try Haskell in your browser
- Learning resources
- Books and tutorials
- Library documentation
- School of Haskell

Use Haskell


- Download Haskell
- Language specification
- Hackage library database
- Applications and libraries
- Hoogle and Hayoo API search
- IDEs, Editors, and Tools

Join the Community

- Haskell on Reddit, Stack Overflow, G+ Mailing lists, IRC channels
- Wiki (how to contribute)
- Communities and Activities Reports
- Haskell in industry, research and education.
- Planet Haskell Rss16.png, The Monad.Reader
- Local user groups

Contribute

- Bug Tracker
- How to Help
- Find Us on Github

Haskell

1.

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2.

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Annotations

1. Navigation Menu
 - Display high-level overview of Haskell websites

INTERACTION

 - Click "Learn": takes user to http://www.haskell.org/haskellwiki/Learning_Haskell
 - Click "Download": takes user to download page
 - Click "Packages": takes user to <http://hackage.haskell.org/packages/names>
 - Click "Community": takes user to http://www.haskell.org/haskellwiki/User_groups
 - Click "Contribute": takes user to <https://github.com/haskell>

2. Short Description
 - Brief value-add description of Haskell for new users

3. Download Button
 - Button/link to Haskell download page

INTERACTION

 - Click "DOWNLOAD": takes user to the download page to download Haskell for Windows, Linux, and Mac [see page 5 for download page]

Project: Haskell Platform
Author: Erin Depew

User Experience Design
Date: 05.25.2014

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4.

Current Release: 2013.2.0.0

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Cabal 1.16.0

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[view more...](#)

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6.

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Annotations

4. Releases

 - Display information about current, future and past releases

INTERACTION

 - Click "current release": user goes to <http://www.haskell.org/platform/changelog.html>
 - Click "view more...": user goes to view with all packages bundled with download
 - Click "Next Release": user goes to <http://trac.haskell.org/haskell-platform/wiki/ReleaseTimetable>
 - Click "Previous Releases": user goes to <http://www.haskell.org/platform/prior.html>
5. New Packages

 - Table of latest added or updated Haskell packages with their version number and date modified/added

INTERACTION

 - Click package name: user goes to the package repo
6. Footer links

 - Displays useful links to help new users get set up with Haskell and explore the community

INTERACTION

 - see <http://www.haskell.org/haskellwiki/Haskell> for link destinations

[header]

Download Haskell

Mac

1.

DOWNLOAD - 32 bit

DOWNLOAD - 64 bit

2.

Haskell Platform 2013.2.0.0 for Mac OS X, 32 bit (10.6 or later)

SHA-1: 15dd8762c9800308cb7cfdd16ea1a8e74988e06a

Haskell Platform 2013.2.0.0 for Mac OS X, 64 bit (10.6 or later)

SHA-1: 89e6fb747816af69acabc5c04cee103257855614

Instructions

1. Double click the package icon to start the installer.

2. Follow the instructions.

3.

Notes ▶

Windows

DOWNLOAD

Haskell Platform 2013.2.0.0 for Windows

SHA-1: fe9a4eee2fe8839eb3b240f15a2af229a110e37f

Instructions

1. Run the setup.exe program.

2. Follow the install instructions as prompted.

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Annotations

1. Download Button(s)

- Button for downloading the Haskell Installer
- There will be a download button for each version of the installer for the system. If there is only one it will have one download button labeled "DOWNLOAD"

INTERACTION

- Click "DOWNLOAD": the Haskell installer is downloaded onto the user's computer

2. Instructions

- Displays information on the Haskell installer and the corresponding SHA. It also displays brief instructions on how to use the installer.

3. Notes

- Accordian link which displays useful notes about running Haskell on that OS

INTERACTION

- Click "Notes>": the accordian opens up and displays the notes

Project: Haskell Platform
Author: Erin Depew

User Experience Design
Date: 05.25.2014

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Windows

DOWNLOAD

Haskell Platform 2013.2.0.0 for Windows
SHA-1: fe9a4eee2fe8839eb3b240f15a2af229a110e37f

Instructions

- 1. Run the setup.exe program.
- 2. Follow the install instructions as prompted.

Linux

DOWNLOAD

haskell-platform-2013.2.0.0.tar.gz
SHA-1: 8669bb5add1826c0523fb130c095fb8bf23a30ce

Instructions

- 1. Get and install GHC 7.6.3 prior to building the platform
- 2. Unpack the Haskell Platform source tarball, and run (possibly with sudo):

```
./configure
make
make install
```

You may pass the --prefix flag to ./configure to change the default install path.

Notes ▶

Mac

DOWNLOAD - 32 bit

DOWNLOAD - 64 bit

Haskell Platform 2013.2.0.0 for Mac OS X, 32 bit (10.6 or later)
SHA-1: 15dd8762c9800308cb7cfdd16ea1a8e74988e06a

Haskell Platform 2013.2.0.0 for Mac OS X, 64 bit (10.6 or later)
SHA-1: 89e6fb747816af69acabc5c04cee103257855614

Instructions

1. Double click the package icon to start the installer.
2. Follow the instructions.

Notes ▼

1. Xcode 5 & OS X 10.9 (Mavericks)

Xcode 5 no longer includes gcc. GHC 7, whether installed directly or via Haskell Platform, can be made to work with this wrapper script:

Copy this script to `/usr/bin`, and make sure it is exectuable.
Run it `sudo`. (Running without `sudo` will tell you what it would do if you did.)
Download here: [ghc-clang-wrapper bash script](#)
Xcode 5 supplies clang as the C compier, and with respect to pre-processing there are some "differences of interpretation" between it and gcc. These differences can affect some Haskell code that uses the CPP extension. An alternate approach for users with Xcode 5 is to install a gcc and direct GHC at that. See [this page](#) for instructions.

4.

2. Only one architecture (32-bit or 64-bit) can be installed at a time.

3. The command line development tools are required prior to installation.
If you have `/usr/bin/gcc` available in a shell, you should be good to go. If not:

4. On OS 10.6, 32-bit, use Xcode 3.2 or later: Choose the "Customize..." button during installa-tion and choose UNIX Development. 64-bit version requires Xcode 4.1 or later.

5. On OS 10.7 or later, choose one of the following:

Download and install Command Line Tools for Xcode. Despite the name, you don't need Xcode installed!

After installing Xcode (4.3 or later), choose Preferences, then pick the Downloads panel. There you can download and install the Command Line Tools as an optional component. This installs the same package as listed in the above option.

If you have Xcode prior to 4.3, depending on how you installed it, you may already have the command line tools. If not, consider the first option above.

The command line tools and/or Xcode can be downloaded for free from Apple's developer web-site, you do need to register as a developer (also free).

MacPorts, brew, and other native libraries:

Install the version (32-bit or 64-bit) that matches the architecture of the libraries you intend to work with.

By default, MacPorts, brew and most libraries only build 64-bit versions on 64-bit capable sys-tems. Hence you need to pick the 64-bit version of the platform to use it with these libraries.

You might be able to install libraries "universal", which will make them work with either version of the platform, but not all libraries build this this way. Try the commands `port install libfoo +universal` or `brew install libfoo --universal`

6. For Mac OS X 10.5 please use the 2010.2.0.0 installer: Haskell Platform 2010.2.0.0 for Mac OS X, 10.5

Linux

DOWNLOAD

haskell-platform-2013.2.0.0.tar.gz
SHA-1: 8669bb5add1826c0523fb130c095fb8bf23a30ce

Instructions

1. Get and install GHC 7.6.3 prior to building the platform
2. Unpack the Haskell Platform source tarball, and run (possibly with `sudo`):

```
./configure
make
make install
```

You may pass the `--prefix` flag to `./configure` to change the default install path.

Notes ▼

For more information, there is also a README file in the tarball with more detailed information on building.

Community-supported versions of the Haskell Platform on Linux and Unix

These distributions offer the Haskell Platform in their package repositories. You can easily install the Haskell Platform through your distribution's native package manager.

Ubuntu
Debian
Fedora
Arch Linux
Gentoo
NixOS
OpenBSD
FreeBSD
Mint
openSUSE
Mandriva

See also: [justhub](#), for RHEL, CentOS, Scientific Linux, and Fedora support

5.

Annotations

4. Mac Notes

- All links will link to the same resources as seen on the current download page: <http://www.haskell.org/platform/mac.html>

5. Linux Notes

- All links will link to the same resources as seen on the current download page: <http://www.haskell.org/platform/linux.html>