

Haskell

From HaskellWiki

The Haskell Programming Language

Haskell is an advanced purely-functional programming language. An open-source product of more than twenty years of cutting-edge research, it allows rapid development of robust, concise, correct software. With strong support for integration with other languages, built-in concurrency and parallelism, debuggers, profilers, rich libraries (<http://hackage.haskell.org/packages/hackage.html>) and an active community, Haskell makes it easier to produce flexible, maintainable, high-quality software.

Learn Haskell


- What is Haskell?
- Try Haskell in your browser (<http://tryhaskell.org/>)
- Learning resources
- Books & tutorials
- Library documentation (<https://www.haskell.org/ghc/docs/latest/html/libraries/>)
- School of Haskell (<https://www.schoolofhaskell.com/>), hosted by FP Complete

Use Haskell

- Download Haskell (<http://hackage.haskell.org/platform/>)
- Language specification
- Hackage library database (<http://hackage.haskell.org/packages/hackage.html>)
- Applications and libraries

- Hoogle (<http://haskell.org/hoogle/>) API search
- IDEs, Editors, and Tools

Join the Community

- Haskell on reddit (<https://www.reddit.com/r/haskell/>), Stack Overflow (<https://stackoverflow.com/questions/tagged?tagnames=haskell>)
- Mailing lists, IRC channels
- Wiki (how to contribute)
- Communities and Activities Reports
- Haskell in industry, research and education.
- Planet Haskell (<https://planet.haskell.org/>)  (<https://planet.haskell.org/rss20.xml>), The Monad.Reader (<https://themonadreader.wordpress.com/>)
- Local user groups

News

Headlines

- 2020:
 - The Haskell Foundation (<https://haskell.foundation/>) is announced (<https://www.youtube.com/watch?v=MEEmRarBL9kw&t=330>) at the Haskell eXchange 2020
 - GHC 8.10.2 (<https://www.haskell.org/ghc/blog/20200808-ghc-8.10.2-released.html>) is released
 - GHC 8.8.4 (<https://www.haskell.org/ghc/blog/20200715-ghc-8.8.4-released.html>) is released
 - GHC 8.10.1 (<https://www.haskell.org/ghc/blog/20200324-ghc-8.10.1-released.html>) is released
 - GHC 8.8.2 (<https://www.haskell.org/ghc/blog/20200116-ghc-8.8.2-released.html>) is released

- *2019:*
 - GHC 8.8.1
(<https://www.haskell.org/ghc/blog/20190825-ghc-8.8.1-released.html>) is released
- *2018:*
 - GHC 8.6.2
(<http://web.archive.org/web/20181111185411/https://ghc.haskell.org/trac/ghc/blog/ghc-8.6.2-released>) is released
 - GHC 8.6.1
(<http://web.archive.org/web/20181204181813/https://ghc.haskell.org/trac/ghc/blog/ghc-8.6.1-released>) is released
 - GHC 8.4.3
(https://www.haskell.org/ghc/download_ghc_8_4_3.html) is released
 - The **Haskell Platform 8.4.3**
(<https://www.haskell.org/platform/>) is announced
(<https://mail.haskell.org/pipermail/haskell-cafe/2018-June/129256.html>) and ready for download
(<https://downloads.haskell.org/~platform/8.4.3/>)
- *2017:*
 - GHC 8.2.1 (<https://www.haskell.org/ghc/>) is released
 - The Haskell Platform 8.2.1
(<https://www.haskell.org/platform/>) is released
- *2016:*
 - GHC 8.0.1 (<https://www.haskell.org/ghc/>) is released
- *2015:*
 - GHC 7.10.1 (<http://www.haskell.org/ghc/>) is released
- *2014:*
 - GHC 7.8.4 (<http://www.haskell.org/ghc/>) is released
 - The **Haskell Platform 2014.2**
(<http://www.haskell.org/platform/>) has been

released
(<http://www.haskell.org/pipermail/haskell/2014-August/024284.html>)

Upcoming Events

Advent of Haskell 2020 (<https://adventofhaskell.com>)

December 1-24, 2020, virtual, Internet

Trends in Functional Programming in Education 2021
(https://wiki.tfpie.science.ru.nl/TFPIE2021#TFPIE_2021)

February 16, 2021, virtual, Internet

BOB Conference 2021 (<http://bobkonf.de/2021/cfc.html>)

February 26, 2021, Berlin, Germany

ICFP 2021 (<https://icfp21.sigplan.org>)

August 22-27, 2021, virtual, Internet


Recent Events

Haskell eXchange 2020

(<https://skillsmatter.com/conferences/13135-haskell-exchange-2020>)

November 4-5, 2020, virtual, Internet

Recent Package Updates

(https://wiki.haskell.org/Hackage_statistics) 

(<https://hackage.haskell.org/packages/recent.rss>)

See here (<https://hackage.haskell.org/packages/recent>)

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