

All you need is Lambda

Getting Haskell

1. <https://haskell-lang.org/get-started>
2. Install Stack (this varies by platform)
3. Use stack to install the correct GHC Haskell compiler and libraries (much like RVM in Ruby):

```
$ stack new new-project
```

```
$ cd new-project
```

```
$ stack build
```

```
$ stack exec new-project-exe
```

Editor Integrations / IDEs

Emacs

1. Intero: <https://commercialhaskell.github.io/intero/>

```
;; Install Intero
```

```
(package-install 'intero)
```

```
(add-hook 'haskell-mode-hook 'intero-mode)
```

Visual Studio Code

1. Haskero: <https://marketplace.visualstudio.com/items?itemName=Vans.haskero>
2. Install the VSCode plugin
3. Install the Intero backend:

```
$ stack build intero
```

Haskell for Mac

1. <http://haskellformac.com/>
2. In the Mac App Store for \$25 (well worth it IMHO)

Others

There are a few others that aren't widely used or supported (just mentioning them for completeness):

1. EclipseFP (plugin for Eclipse)
2. Leksah (Native GTK binary for Windows, Mac & Linux)
3. Haskforce (IntelliJ IDEA plugin)

PROTIP™

1. You can `:e` in the GHCi repl to launch your favorite editor.
2. There's a `.ghci` config file in your home directory. You are *legally required* to set your prompt to a lambda:

```
-- vim: ft=haskell
```

```
:def hoogle \str -> return (":! hoogle --count=15 \"\" ++ str ++ "\"")
```

```
:set editor vim
```

```
:set prompt "λ> "
```


Next up

Chapter 2: "Hello, Haskell!"