

Contributing to the Error Message Index

Interactive Session

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The Index @ errors.haskell.org

The Haskell Error Index

Welcome

This site describes the various messages that can be returned by Haskell-related tools, including both errors and warnings. For example GHC, the most-commonly-used Haskell implementation, started emitting a code with the format [GHC-12345] for its messages in version 9.6.1. These codes can be looked up below for further information.

Other Haskell-related tools are welcome to add their own messages to the index. Please contact [the Haskell Foundation](#) or [open an issue](#) to begin the process.

So far, 112 errors and warnings are documented here. If you encounter a message that is not yet documented, please [open an issue](#) or [submit a pull request with documentation](#). Pull requests with additional examples and improved explanations for existing messages are also very welcome, as are [improvements to the generated site](#).

This site is a project of [The Haskell Foundation](#). Please [get in touch](#) if you have feedback or if you'd like to get involved!

The Messages

Nr.	Message	Summary	Since
GHC-00158	Cannot derive instance for non-stock-deriveable class	An instance cannot be derived because the class is not stock deriveable.	9.6.1
GHC-00482	Lambda syntax in pattern	Lambda syntax appears in a pattern match.	9.6.1
GHC-00711	Duplicate warning declarations	Duplicate deprecation warnings are illegal	9.6.1
GHC-01239	Unexpected if expression in function application	If expression used as function argument	9.6.1
GHC-01629	Too many type arguments in constructor pattern	Too many type applications to a constructor in a pattern.	9.6.1
GHC-02256	Ambiguous record update	Record update with duplicate field names is ambiguous	9.6.1
GHC-03272	Bidirectional formatting warning	The source file contains Unicode bidirectional formatting instructions	9.6.1

Documented Errors

Unknown flag in GHC options pragma [GHC-04924]

A flag was found in the OPTIONS_GHC pragma that was not known; the list of all possible GHC flags is [here](#).

Examples

▼ Unknown flag in {-# OPTIONS_GHC #-} pragma

A flag was found in the OPTIONS_GHC pragma that was not known.

Error Message

```
UnknownOptionsFlag.hs:1:16: error: [GHC-04924]
    unknown flag in {-# OPTIONS_GHC #-} pragma: -flat-specialise
```

```
1 | {-# OPTIONS_GHC -flat-specialise #-}
   | ~~~~~
```

UnknownOptionsFlag.hs

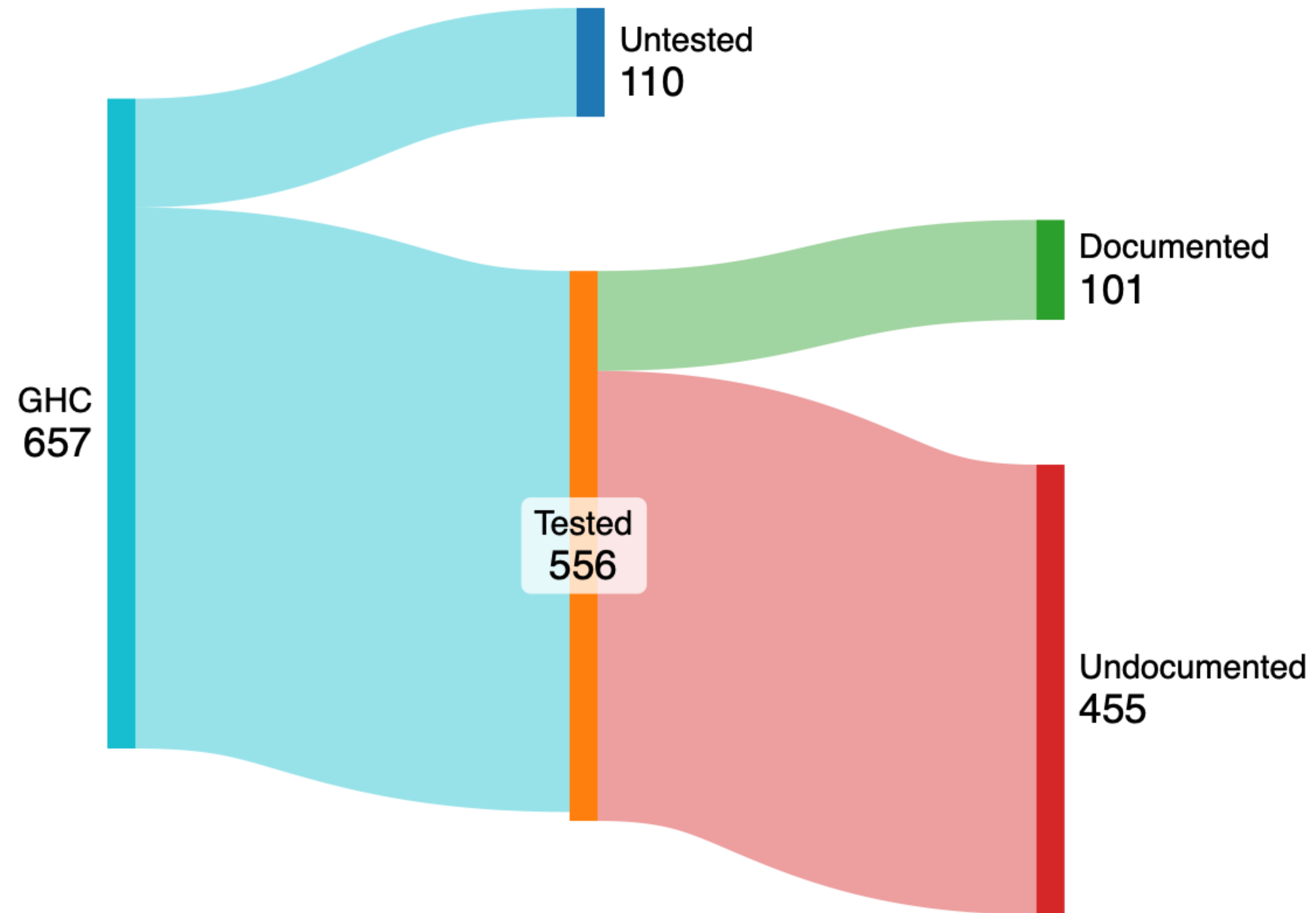
Before

```
{-# OPTIONS_GHC -flat-specialise #-}
module UnknownOptionsFlag where
```

After

```
{-# OPTIONS_GHC -flate-specialise #-}
module UnknownOptionsFlag where
```

How far have we come?



How to contribute

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- Clone github.com/haskellfoundation/error-message-index

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- `runhaskell create-message-template.hs`
- `cabal run -- site watch`

Finding Examples

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- `grep -rn "GHC-XXXXX" testsuite/`

Let's write some documentation!