



Co to jest **Haskell?**

There are so many programming languages in existence that it is a hopeless task to attempt to learn them all.

Christopher Strachey, 1973 (!)



Haskell Curry
1900 – 1982

Wikipedia:

Haskell is a standardized, general-purpose purely functional programming language, with non-strict semantics and strong static typing.

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The Haskell report

www.haskell.org/onlinereport/haskell2010/

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github.com/trending/haskell

- ★ **shellcheck** (analiza skryptów)
- ★ **pandoc** (tworzenie dokumentacji)
 - ★ **postgrest** (bazy danych)
- ★ **elm** i **pirescript** (dynamiczne WWW)
 - ★ **tensorflow** (deep learning)
 - ★ **spock** (web backend)
- ★ **haxl** (zdalne zarządzanie danymi)

Wikipedia:

Haskell is a standardized, general-purpose **purely functional** programming language, with non-strict semantics and strong static typing.

- ★ Funkcje w Haskellu to funkcje “matematyczne”
 - ★ Brak ukrytego stanu i efektów ubocznych
 - ★ Wnioskowanie równościowe

Wikipedia:

Haskell is a standardized, general-purpose purely functional programming language, with **non-strict semantics** and strong static typing.

- ★ Argument funkcji obliczany jest tylko jeśli jest naprawdę potrzebny
- ★ nieskończone typy danych

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★ **“Well-typed programs can’t go wrong”**

★ Znając typ funkcji, można łatwo domyślić się,
co robi

★ Fibonacci

★ QuickSort