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FP (programming language)

From Wikipedia, the free encyclopedia

FP (short for **F**unction **P**rogramming) is a [programming language](#) created by [John Backus](#) to support the [function-level programming](#)^[2] paradigm. This allows eliminating named variables. The language was introduced in Backus's 1977 [Turing Award](#) lecture, "Can Programming Be Liberated from the von Neumann Style?", subtitled "a functional style and its algebra of programs." The paper sparked interest in functional programming research, eventually leading to modern functional languages, and not the function-level paradigm Backus had hoped. ^{:(} FP itself never found much use outside of academia.^[3] In the 1980s Backus created a successor language, [FL](#), which remained a research project.

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FP

Paradigm	function-level
Designed by	John Backus
First appeared	1977

Dialects

[FP84](#)

Influenced by

[APL](#)^[1]

Influenced

[FL](#), [Haskell](#), [J](#)



Overview [\[edit \]](#)

John Backus develops [FP](#), a functional language that emphasizes *high-order functions* and *reasoning about programs*.

```
break a lance for the function-level programming
```