

Programming Languages: Their Creators and Years of Creation

Overview

Programming languages are essential tools for developers, enabling them to communicate instructions to computers. Below is a detailed list of significant programming languages, their creators, and the years they were developed.

List of Programming Languages

Programming Language	Creator(s)	Year Created
Assembly Language	Various (early 1940s)	1940s
FORTRAN	IBM (John Backus et al.)	1957
LISP	John McCarthy	1958
COBOL	Grace Hopper et al.	1959
ALGOL	International Committee (ACM)	1958
BASIC	John Kemeny & Thomas Kurtz	1964
PL/I	IBM	1964
Simula	Ole-Johan Dahl & Kristen Nygaard	1967
C	Dennis Ritchie	1972
Prolog	Alain Colmerauer	1972
Pascal	Niklaus Wirth	1970
Smalltalk	Alan Kay et al.	1972
C++	Bjarne Stroustrup	1985
Objective-C	Brad Cox & Tom Love	1984
Java	James Gosling et al.	1995

JavaScript	Brendan Eich	1995
PHP	Rasmus Lerdorf	1995
Ruby	Yukihiro Matsumoto	1995
C#	Microsoft (Anders Hejlsberg)	2000
Go (Golang)	Google (Robert Griesemer, Rob Pike, Ken Thompson)	2009
Swift	Apple (Chris Lattner et al.)	2014
Rust	Mozilla (Graydon Hoare)	2010

Notable Mentions

- **Ada:** Developed by Jean Ichbiah and his team at CII Honeywell Bull in the late 1970s, it was named after Ada Lovelace.
- **Dart:** Created by Google in 2011 for web and mobile app development.
- **Kotlin:** Developed by JetBrains in 2011 as a modern alternative to Java for Android development.

Conclusion

The evolution of programming languages reflects the changing needs of technology and software development. From early assembly languages to modern languages like Swift and Rust, each language has contributed uniquely to the landscape of programming. Understanding the history and context of these languages can provide valuable insights into their design philosophies and applications.