

Historical Perspective of 5 different Programming Language

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JAVA

1 Brief History Of Java

Java was developed by James Gosling in 1995. He is known as the father of Java. James Gosling, Mike Sheridan and Patrick Naughton started the Java language project in 1991. They were called the 'Green Team'.

1.1 Application examples that exist in Java

- Mobile Applications
- Business Applications
- Gaming Applications
- Big Data Technologies
- Desktop GUI Applications

1.1.1 Available Integrated Development environment (IDE's) in Java

- Eclipse
- Blue J
- Xcode
- NetBeans
- GreenFoot
- Myeclipse

Related Programming Languages Ruby is very similar to java. They are both object oriented programming languages. They are also both general purpose programming language.

HTML



2 Brief History of HTML

HTML was created by Tim Berners-Lee, a physicist from Switzerland. He invented HTML in 1991. HTML was later published in 1995. It was called HTML 2.0. It was the standard language for designing and creating websites.

2.1 Application examples that exist in HTML

- Web page development
- Web document creation
- Internet navigation

2.1.1 Available Integrated Development environment (IDE's) in HTML

- NetBeans
- Brackets
- PyCharm
- RubyMine
- Atom by Github

Related Programming Language CSS is a complementary language to HTML. It is used to style HTML markup code. A page's CSS styles are called HTML tags.

C++



Figure 1: Bjarne Stroustrup

3 Brief History of C++

C++ was developed by Bjarne Stroustrup from Bell laboratories in 1979. It was first called ‘c with classes’ before it was changed to ‘C++’ in 1983. It was first made available in 1985. C++ was designed to be an efficient and flexible language similar to C.

3.1 Application examples that exist in C++

- Gaming Applications
- Browsers
- Banking Application
- Database Software
- GUI based applications

Related Programming Language

- Ruby
- Java programming
- Python programming

JAVASCRIPT



4 Brief History Of Javascript

Javascript was invented by Brendan Eich in 1995. Its original name is called Mocha. It is a Highlevel Language.

4.1 Application examples that exist in Javascript

- Website
- Art
- Games
- Web applications
- Web servers
- Smartwatch Applications

4.1.1 Available Integrated Development environment (IDE's)in JavaScript

- Eclipse
- NetBeans
- Atorm
- Sourceliar
- AWS Cloud 9

Related Programming Language Scala.js translates the scala programming language to Java script. Javascript code and libraries are compatible with scala code.



5 Brief History Of Fortran

The full name of FORTRAN is (Formula Translation). It was created by John Backus in 1957. It is one of the oldest programming language. It was designed to allow easy translation of math formula into code. It was the first high level language. Fortran is one of the easiest programming language to learn.

5.1 Application Examples of Fortran

- Analysis of scientific data

5.1.1 Available Integrated Development environment (IDE's)in Fortran

- NetBeans
- Oracle Developer Studio
- Eclipse Photran

THANKS FOR LISTENING