

Lesson 43

other packages and languages

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Jython



OpenCV



ilastik

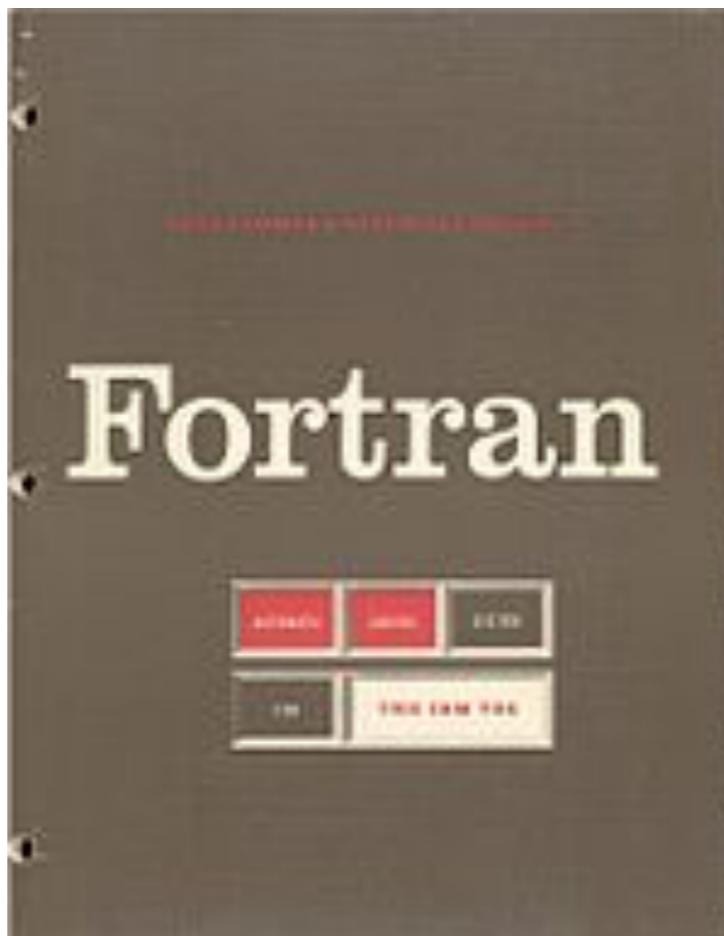
the interactive learning and segmentation
toolkit





icy

Compiled languages

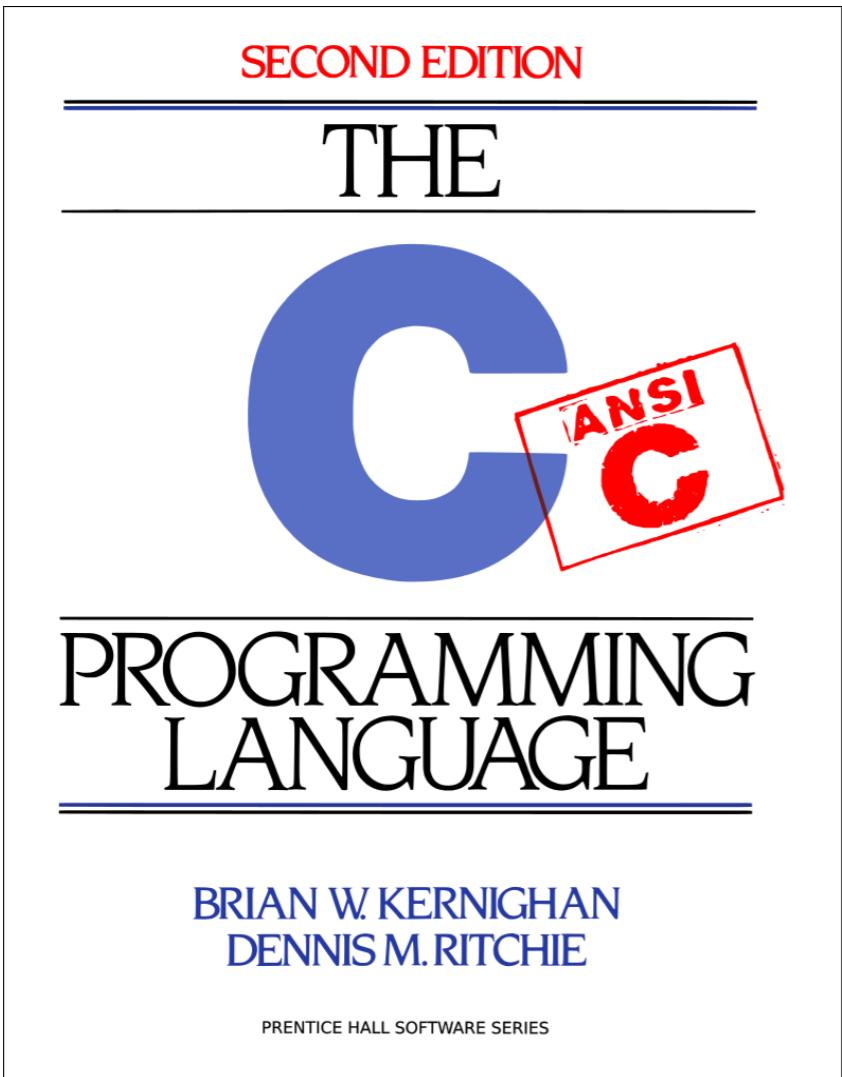


1956



John Backus

Compiled languages



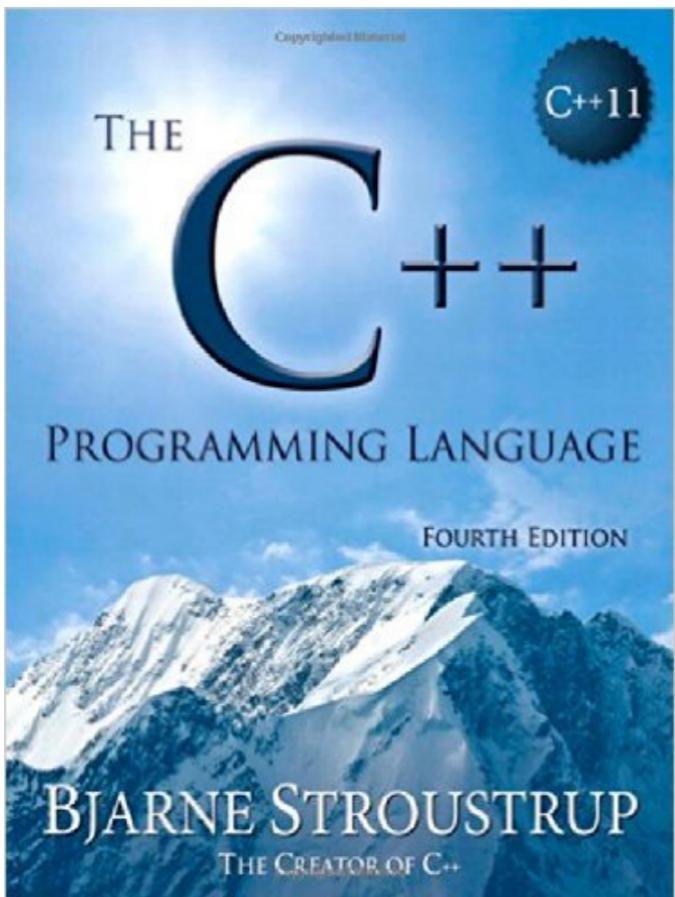
1972



Brian Kernighan

Dennis Ritchie

Compiled languages



1983



Bjarne Stroustrup

Compiled/interpreted languages



1995



James Gosling

Compiled/interpreted languages



2003



Martin Odersky

Dynamic languages

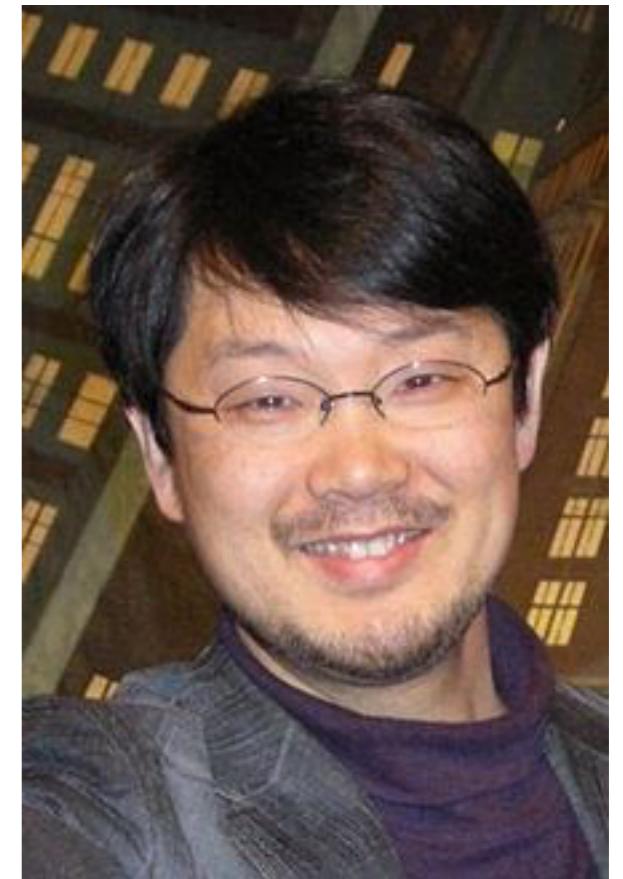


1991



Guido van Rossum

Dynamic languages



1995

Yukihiro Matsumoto

Languages for the web



1995



Brendan Eich

Science-specific languages

S

1976



John Chambers

Science-specific languages



1993

Science-specific languages



1976



Cleve Moler

(Octave is a Matlab clone)

Science-specific languages



1988



Stephen Wolfram

Science-specific languages



2012

Julia: a major part of the future?



Large (and rapidly growing) set of packages

Built-in package manager

Ability to call Python functions (and vice versa)

Entirely JITted, very fast

Free and open source

Julia: a major part of the future?

