

Choosing the best language and best tools for tasks

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Which of these do you know?

Python	Java	Scala	Clojure
C/C++	bash/sed/awk	OCaml	Matlab/Octave
R	Javascript	Go	Rust
	Julia	SQL	

Consideration 1: Debugging

Consideration 2: Build Tools and Libraries

Consideration 3: IDE Support

Consideration 4: Documentation and Code Reuse

Example 1: Web Server

Example 2: String munging

Example 3: Prototyping

Example 4: Scripting (Glueing)

Example 5: Case Analysis

Example 6: Performance