confi Python, R, avascript "managed" Java, C#, Scala "native" C, C++, Fortan machine code, ssembly The Butterfly

"interpreted"

regex, JSON,

exible, dynamic, convenient

fast, powerful, "close to the metal" Human-readable source compiles directly into CPU instructions.

- runtime but functions, nothing exists at
 - OS sees your.exe bytes, and the OS

bytecode that another process Source compiles to generic (JVM or .NET) interprets.

- garbage collected
- dynamically optimized
 - OS sees

java -jar your. jar

through source one line Managed runtime steps at a time.

- compile-time and runtime no distinction between
 - python your.py 05 sees



