High-Level Multi-Paradigm Programming Languages which are Procedural and Object-Orientated

- compiled language
- prototype-based language
- event-driven language

Delphi
strong
unsafe
explicit
static
name-based
unsafe I/O

C++
strong
unsafe
explicit
static
name-based
unsafe I/O

JavaScript
weak
unsafe
implicit
dynamic

unsafe I/O

- generic language

C#
strong
safe
explicit
static
name-based
failsafe I/O

Tcl
weak
unsafe
implicit
dynamic

unsafe I/O

- interpreted language

Perl
weak
unsafe
implicit
dynamic

unsafe I/O

Java
strong
safe
explicit
static
name-based
failsafe I/O

- class-based language

PHP
weak
unsafe
implicit
dynamic

failsafe I/O

- concurrent language

- iterative language

- metaprogramming language

- interactive language

name
type strength
type safety
type expression
type checking
type compatibility
system call exception

- bytecode language

Ruby
strong
safe
implicit
dynamic

failsafe I/O

Python
strong
safe
implicit
dynamic
property-based
failsafe I/O

- aspect-oriented language