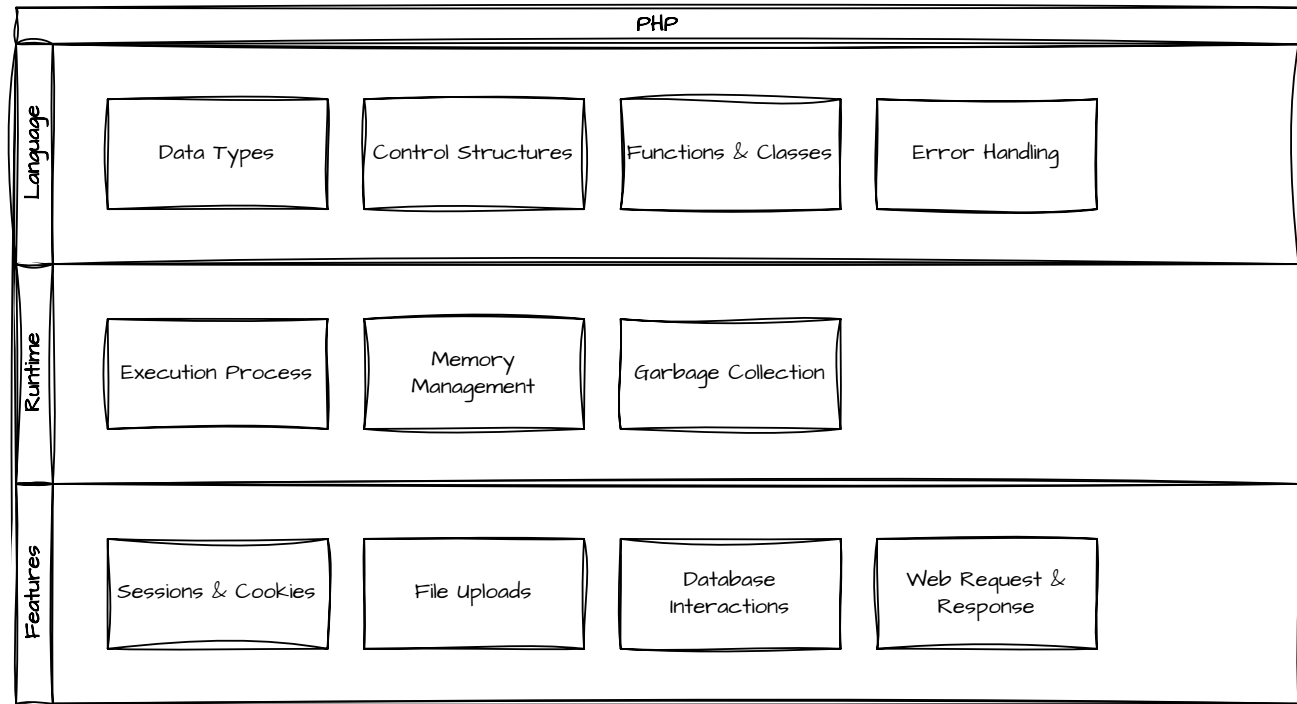
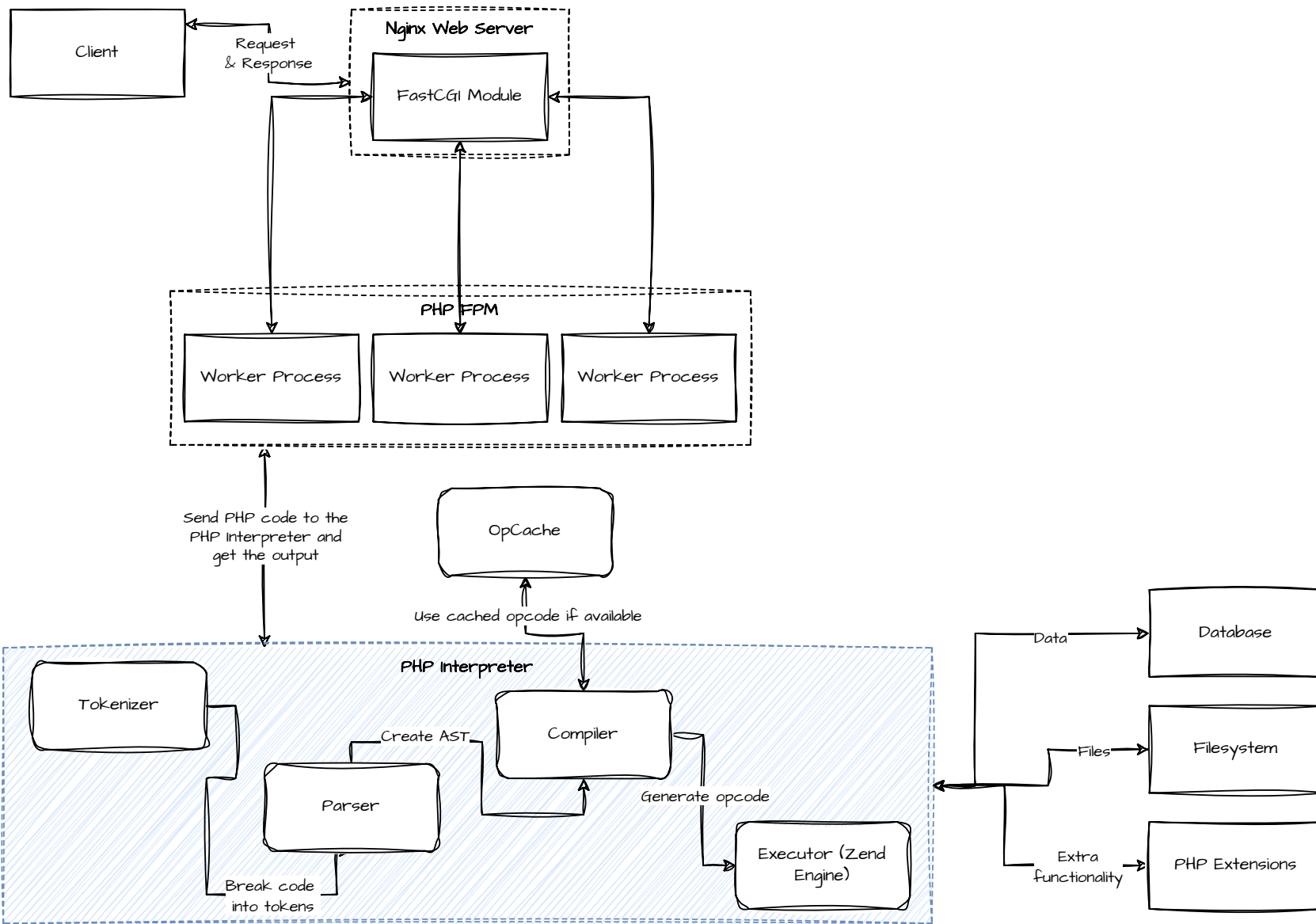


PHP			
PHP	Server-side programming language	Designed for web development	Can be used for general purpose programming
Features	Open Source	Cross-platform	Extensive built-in library
Use cases	Dynamic web pages	Server-side programming	Command-line scripting





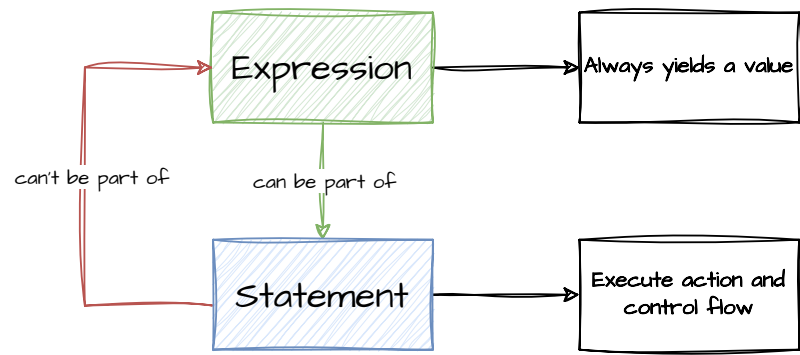
<html>

<?php Statement ; ?>

<script>

<?php Statement ; ?>

Always add a semicolon, except after an opening or closing brace



Valid example

`$variable`

Name is CASE SENSITIVE!

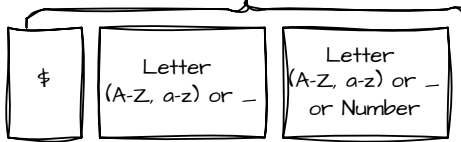
`$variable !== $Variable`

Valid & invalid examples

`$user_name`



Rules for character at position



Typically used case

`camelCase` or
`snake_case`

`$2name`



Can't use PHP reserved words

`$this`, `$class`, `$function`



Character position



Variable stores data

`$name`

Assigned from

`=`

Expression result

Expression
(eg. "John")

What's an expression?

Anything that has value

Mixing values, variables,
function calls and
operators

Simple expressions

55 3.14 -0,01

"Hello" "World"

true false

Variable expression

\$name \$lastName

Arithmetic expression

5 + 3 \$x * 2

Function expression

strlen("php") max(5, 10)

Complex expression

((5 + 3) * 2) - (10 / 2)

Comparison expression

\$a == \$b \$x > 3

Logical expression

\$a && \$b \$x || \$y

What's an operator?

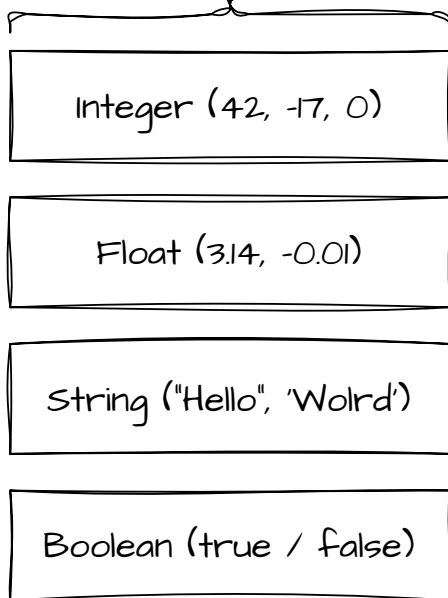
Arithmetic: +, -, *, /, %

Logical: &&, ||, and, or, !

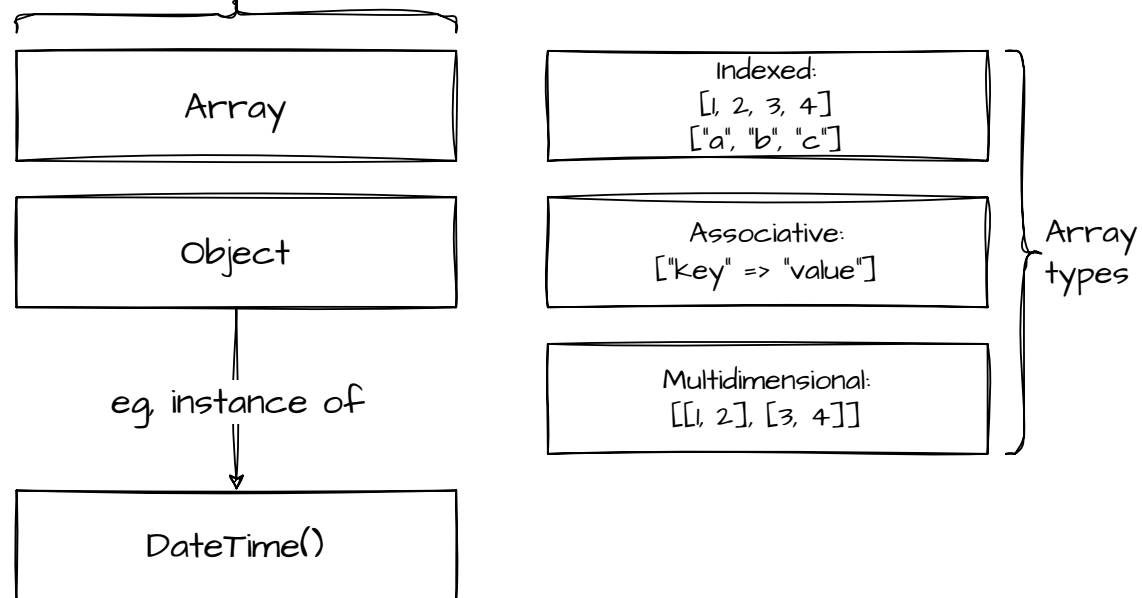
Comparison: ==, ===, >, <, >=, <=, !=, !==

String: .
(concatenation)

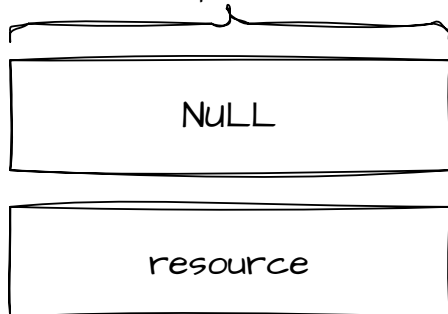
Scalar



Compound



Special



Type behavior

