

PHP:

Server-side scripting

embedded within HTML

Client never sees PHP code

HUGE language

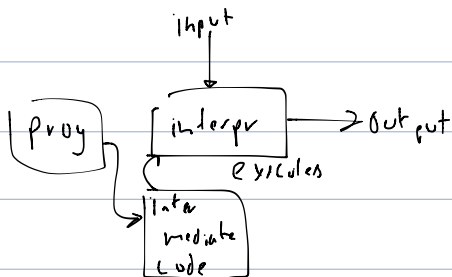
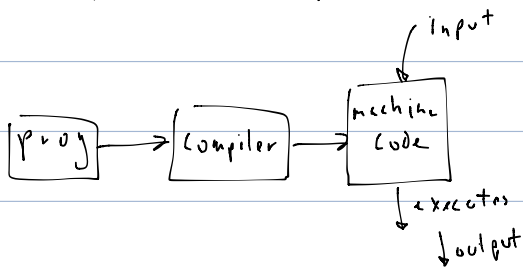
Content management systems written in PHP

PHP program structure

not a lot of requirements

PHP interpreter parses entire file

interpreter vs. compiler



Anything within PHP delimiter tags is interpreted

<?php ?>

<script language="PHP" ... </script>

 = new line

write in another file and include it

Types in PHP

- boolean - TRUE or FALSE
- integer - Platform dependent
- float -
- string - single-quotes vs. double
- "..." = interpolated into the string

PHP implicitly casts string/integer when appropriate

variables / begin with \$, can have _ after

\$x = ~;

\$abc = ~;

dynamically typed (no declaration)

(BOUND) or (UNBOUND)

implications

- no "type clash" errors

\$x = \$x . "dollars" (concatenate)

gettype() returns variable type

is_<type?() returns boolean

Comments

~~/* */~~ multiline
// single
..... single

predefined variables

$\left. \begin{array}{l} \$_SERVER \\ \$_POST \\ \$_COOKIE \end{array} \right\}$ arrays

"\ \$var" = \$var (string)

"\$var" = ____ (concat)

'\$var' = \$var (string)

var_dump(\$var) ?

if (____)

:

else

:

PHP is always floating point division

PHP string value = 0, True

"0" = False

=== returns true if same value AND same type

!== true if values differ in value OR type

if, while, do, for, switch

Open with { rather than {

Close with endif, endwhile, endfor, endswitch