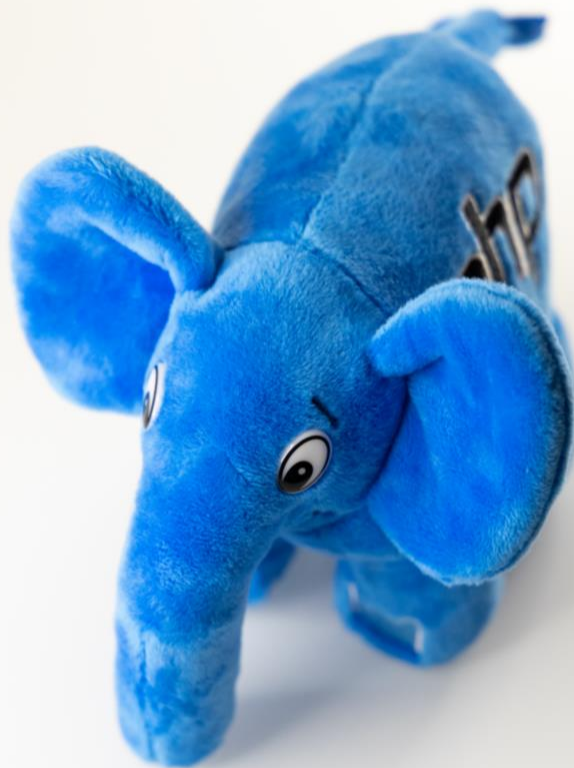


About PHP

Disclaimer: вы смотрите просто запись лекции,
это HE специально подготовленный видеокурс!



What is PHP?

PHP (PHP – Hypertext Preprocessor)

General-purpose scripting language

The syntax is similar to C/C++/JS/Java...

Usually, does not require “pre-compilation” of php-files

Why PHP?

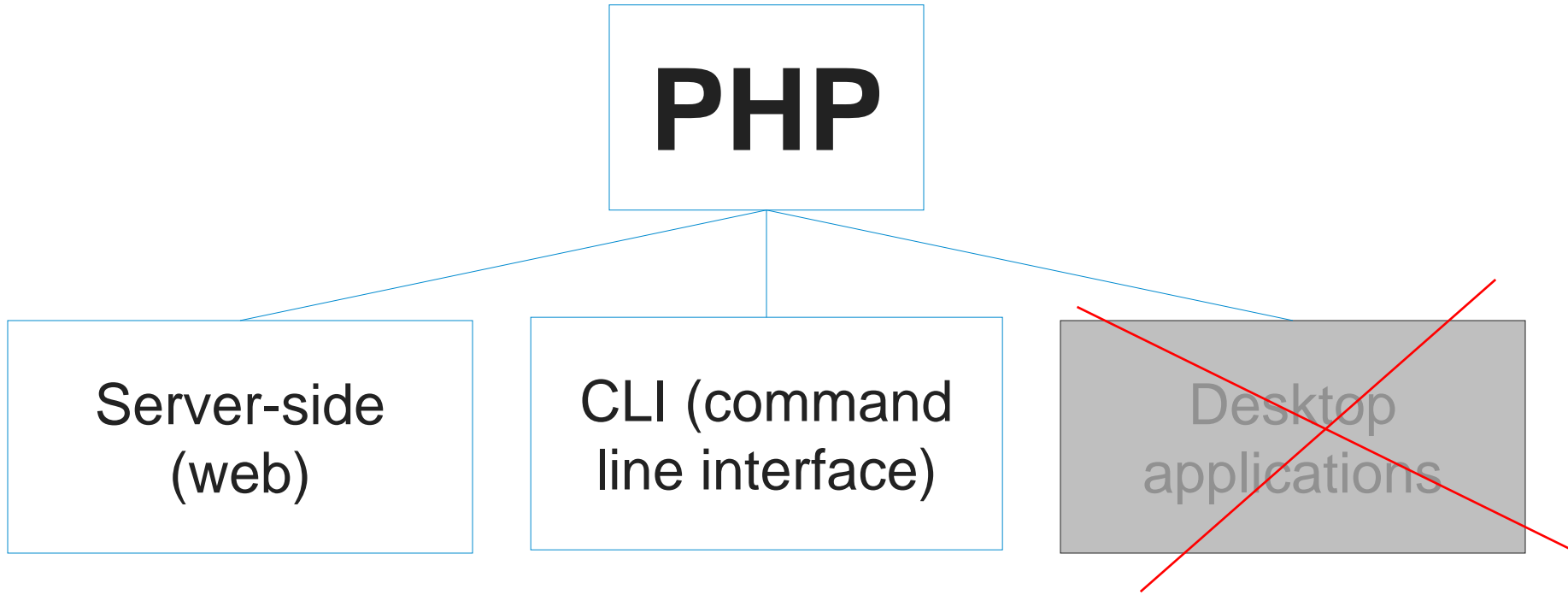
Easy

Widespread

Good for Web and for CLI

Is rapidly developing now with new features every day

Areas of PHP usage



To run a PHP-program you just need...

The PHP itself 😊 (as a CLI or DLL/so, or fpm-daemon)

A text editor

A web-server (for web-application to run)

And that's all

No mega-frameworks, gigabytes of libraries or other trash

Lets follow code convention from the beginning

PSR-1: <https://www.php-fig.org/psr/psr-1/>

PSR-2: <https://www.php-fig.org/psr/psr-2/>

Lets follow code convention from the beginning

Files MUST use only `<?php` and `<?=<code>` tags.

Files MUST use only UTF-8 without BOM for PHP code.

Files SHOULD either declare symbols (classes, functions, constants, etc.) or cause side-effects (e.g. generate output, change .ini settings, etc.) but SHOULD NOT do both.

Namespaces and classes MUST follow an "autoloading" PSR: [PSR-0, PSR-4].

Class names MUST be declared in StudlyCaps.

Class constants MUST be declared in all upper case with underscore separators.

Method names MUST be declared in camelCase.

This is how a sample code looks like:

```
<?php

namespace Vendor\Package;

use FooInterface;
use BarClass as Bar;
use OtherVendor\OtherPackage\BazClass;

class Foo extends Bar implements FooInterface
{
    public function sampleMethod($a, $b = null)
    {
        if ($a === $b) {
            bar();
        } elseif ($a > $b) {
            $foo->bar($arg1);
        } else {
            BazClass::bar($arg2, $arg3);
        }
    }

    final public static function bar()
    {
        // method body
    }
}
```


P.S. PHP History

Created in 1994 by Rasmus Lerdorf

PHP 3.0 – the first version that resembles PHP as it exists today

PHP 4.0 – major improvements, real popularity

PHP 5.0 – “we took the best from the Java”

PHP 6.0 – never existed (still there are books on PHP 6 😊)

PHP 7.0 – major performance improvements

PHP 8.3 – “let’s name PHP 27.0 just C# for short 😊”

Useful resources

<https://www.php.net/manual/en/>

<https://phptherightway.com>

<https://kinsta.com/blog/php-tutorials/>

About PHP

Disclaimer: вы смотрите просто запись лекции,
это НЕ специально подготовленный видеокурс!

