



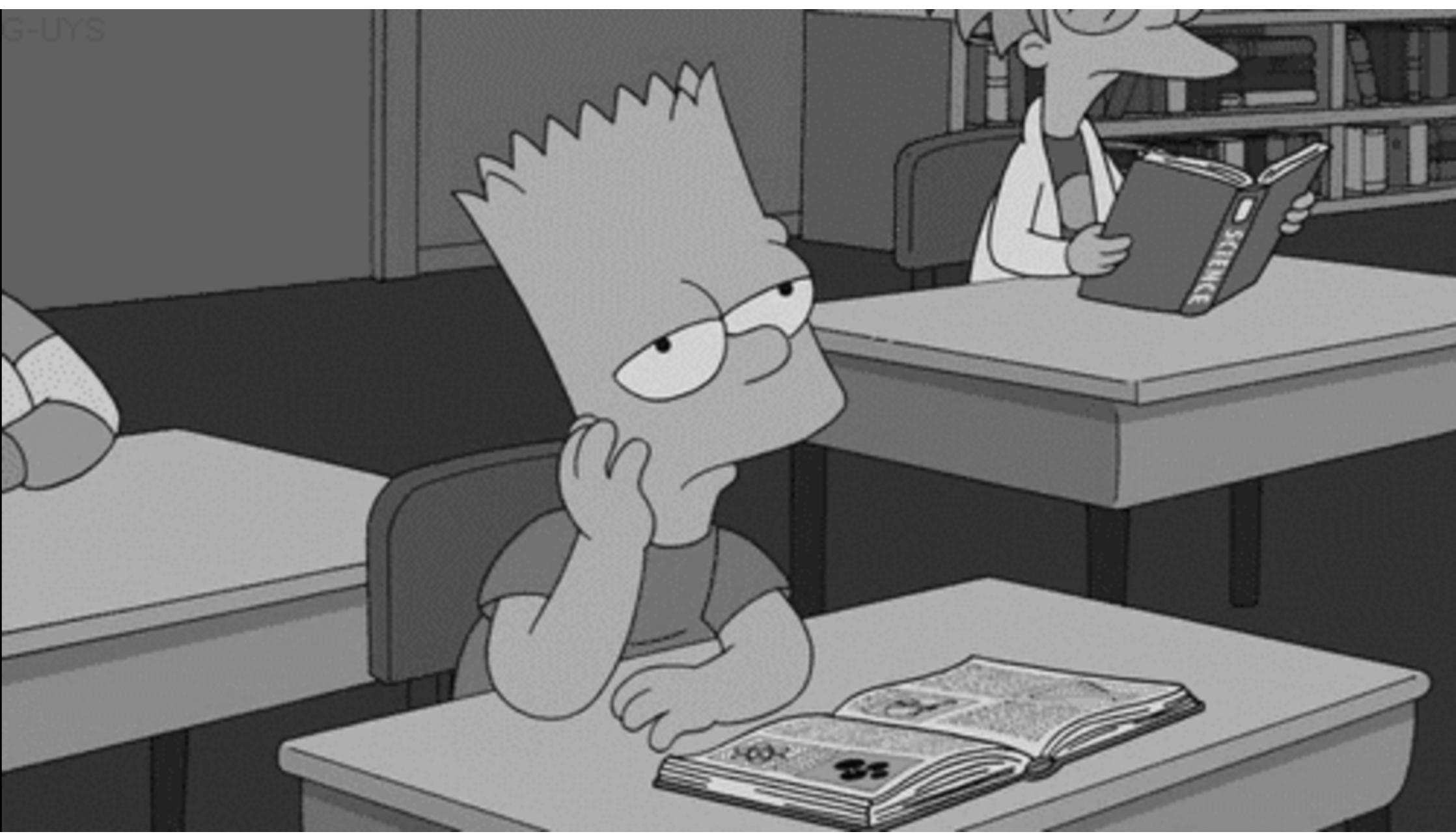
**What do you  
do with  
PHP?**

**Website?**

**API?**

cli?

G-UYS



# **What about**

■ ■ ■

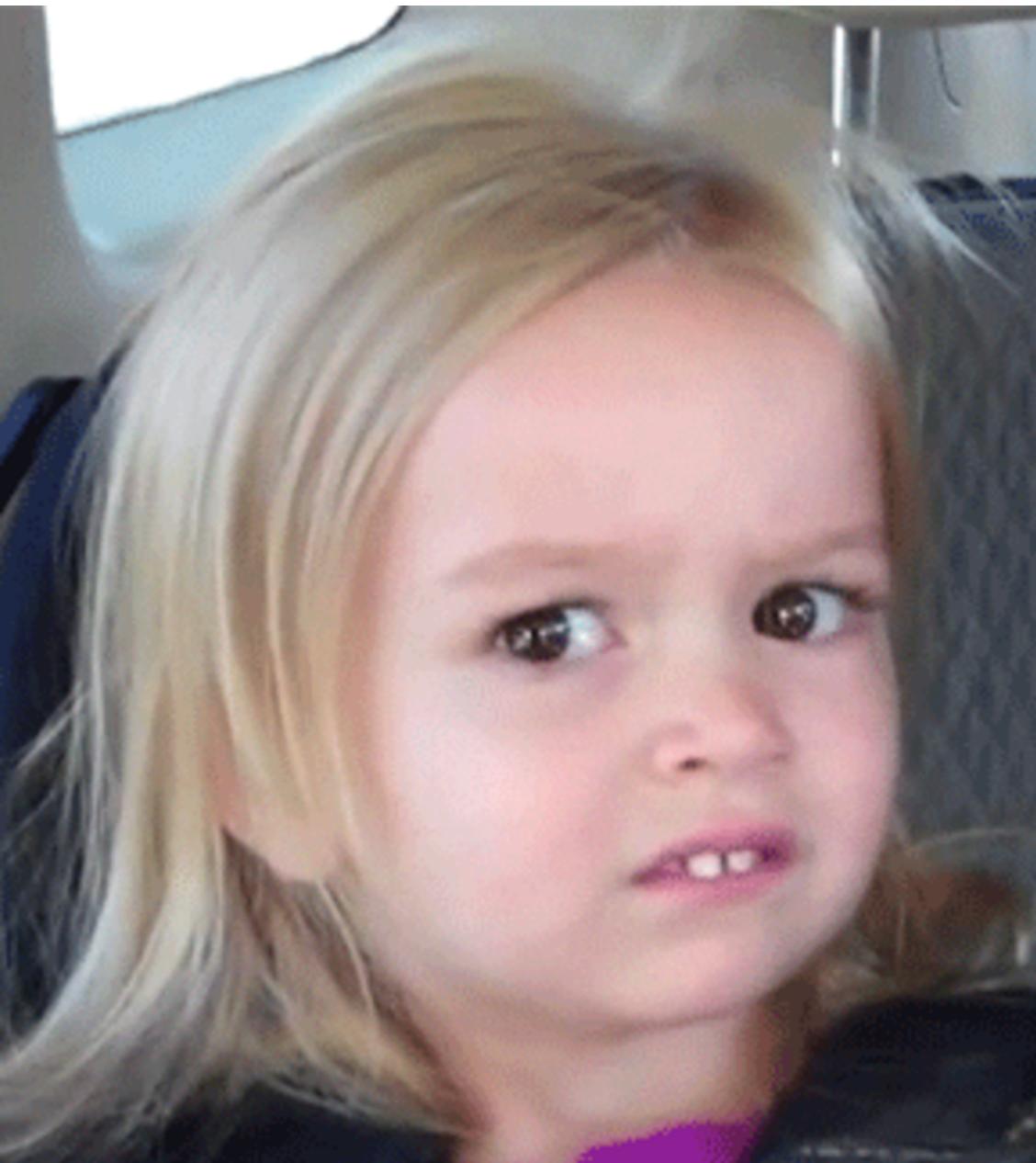
# Software?

**Music?**

**GUI?**

**Data  
Visualization?**

**Video  
Games?**



The logo for PHP consists of the letters "php" in a bold, black, sans-serif font. The letters are partially overlaid by a large, light blue oval. The "p" is positioned at the bottom right of the oval, while the "h" is at the top left and the "p" is at the bottom left. The letters have a white outline and a slight drop shadow.

A close-up profile of a man with glasses and a beard, wearing a black t-shirt and a microphone, looking slightly to the right.

*There's an  
extension  
for that!*

# SDL

**Simple Directmedia Layer**



# PHP-SDL

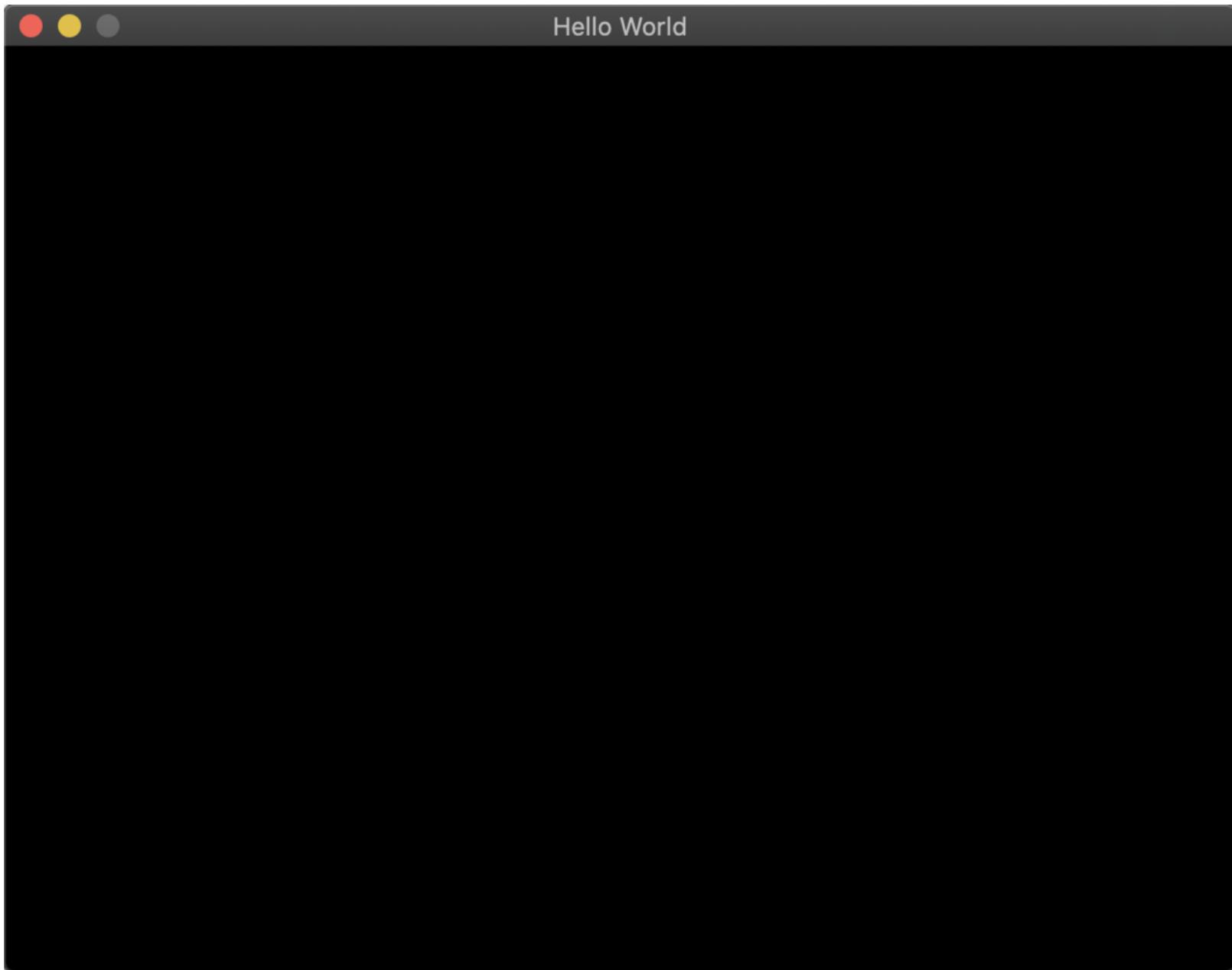
<https://github.com/Ponup/php-sdl>

# Initialization

```
1 SDL_Init(SDL_INIT_VIDEO);
2 $window = SDL_CreateWindow(
3     "Hello World",
4     /*X*/ SDL_WINDOWPOS_UNDEFINED, /*Y*/ SDL_WINDOWPOS_UNDEFINED,
5     640, 480,
6     SDL_WINDOW_SHOWN
7 );
8 $renderer = SDL_CreateRenderer($window, -1, 0);
```

# Events Loop

```
1 $event = new \SDL_Event();
2
3 while (true) {
4     \SDL_PollEvent($event);
5     \SDL_Delay(10);
6 }
```

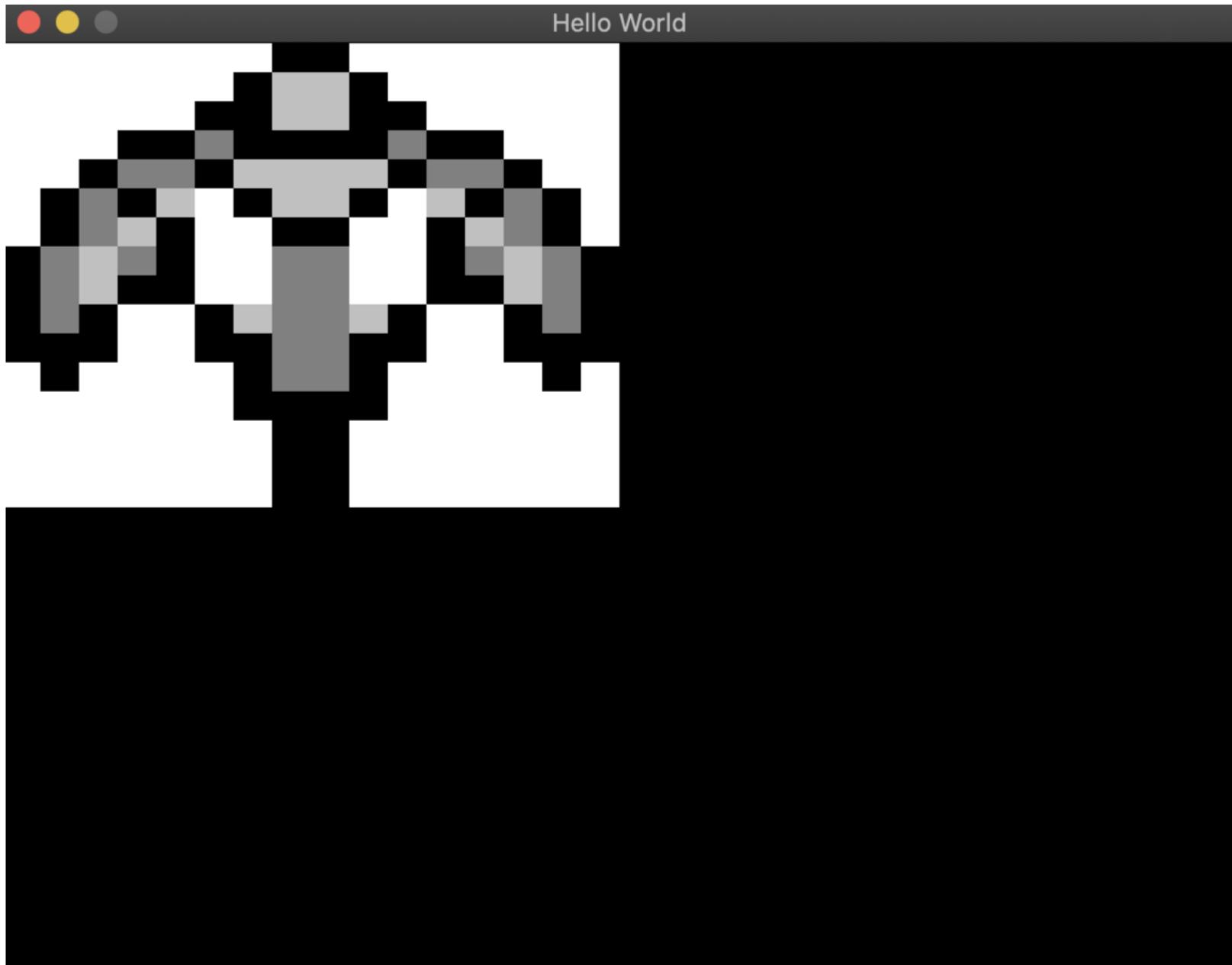


# Textures

```
1 $image = SDL_LoadBMP("spaceship.bmp");  
2 $texture = SDL_CreateTextureFromSurface($renderer, $image);  
3 SDL_FreeSurface($image);
```

# Rendering

```
1 while (true) {  
2     \SDL_PollEvent($event);  
3  
4     SDL_RenderClear($renderer);  
5     SDL_RenderCopy($renderer, $texture, NULL, new \SDL_Rect(0, 0, 640, 480));  
6     SDL_RenderPresent($renderer);  
7  
8     \SDL_Delay(10);  
9 }
```

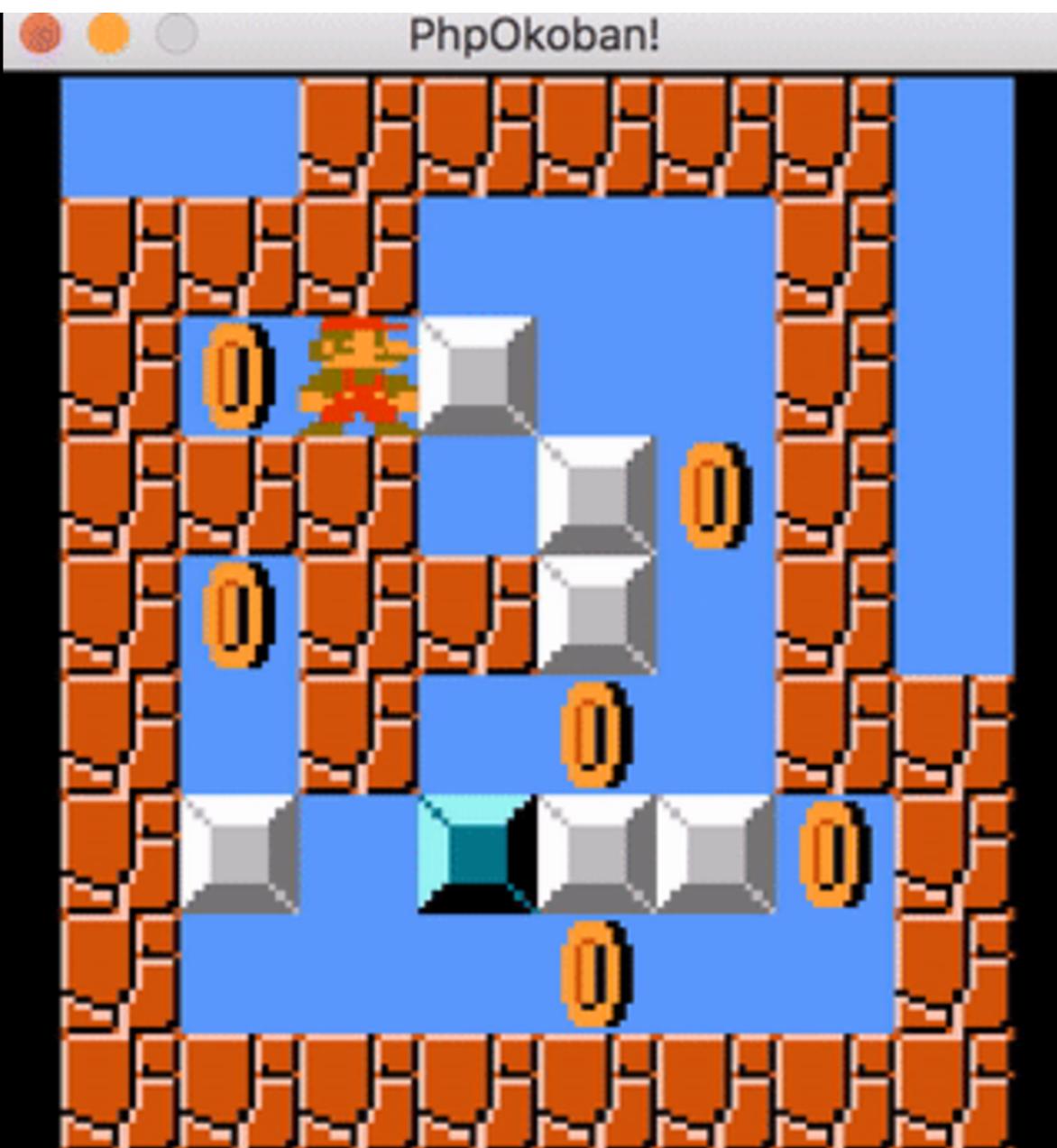


# Inputs

```
1 while (\SDL_PollEvent($event) != 0) {  
2     switch ($event->type) {  
3         case SDL_KEYDOWN: // TODO  
4             break;  
5         case SDL_MOUSEMOTION: // TODO  
6             break;  
7     }  
8 }
```

# PhpOkoban

<https://github.com/b-viguier/PhpOkoban>

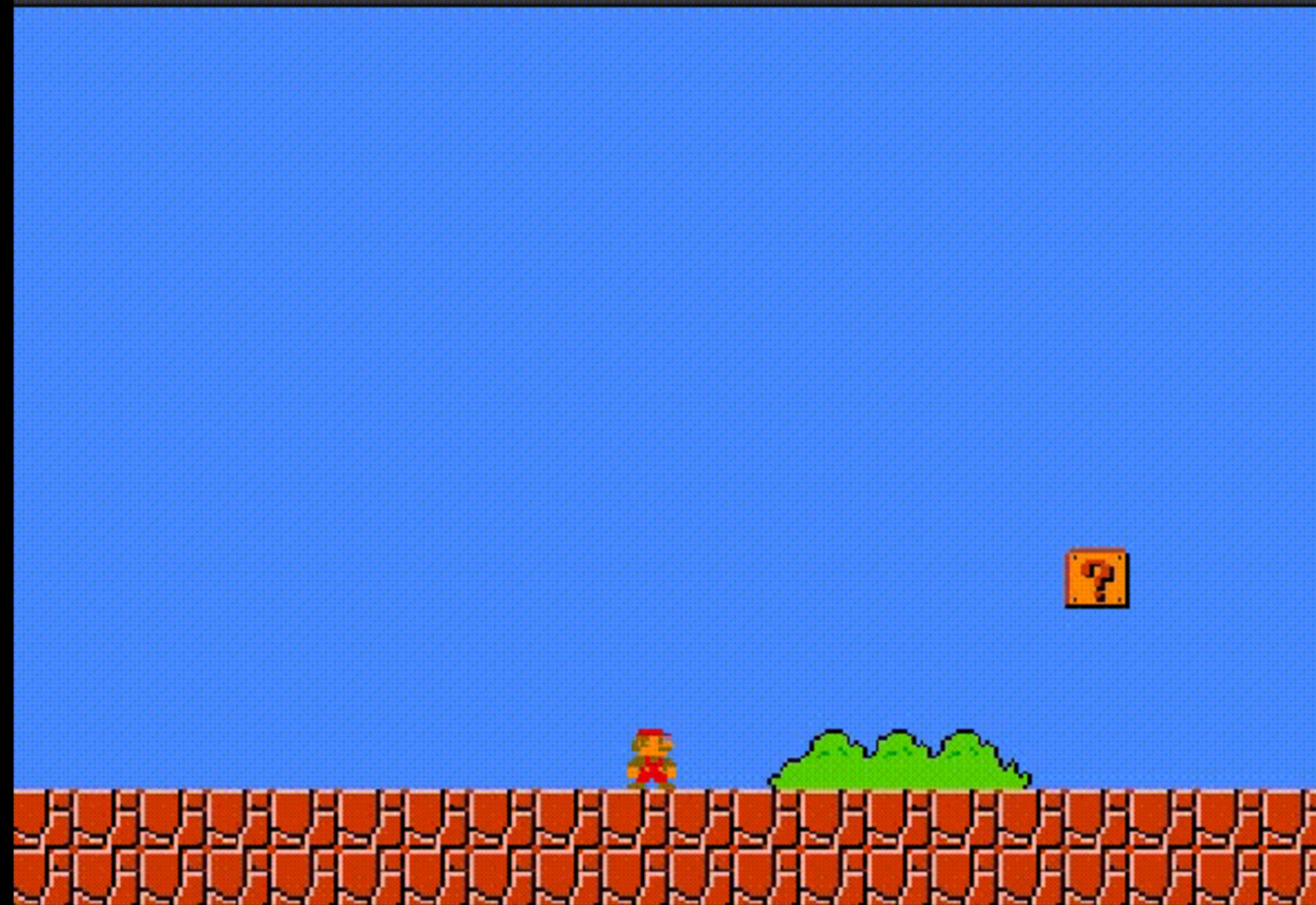


# InPhpinity

<https://github.com/b-viguier/Inphpinity>



InPhinity



# PhPresent

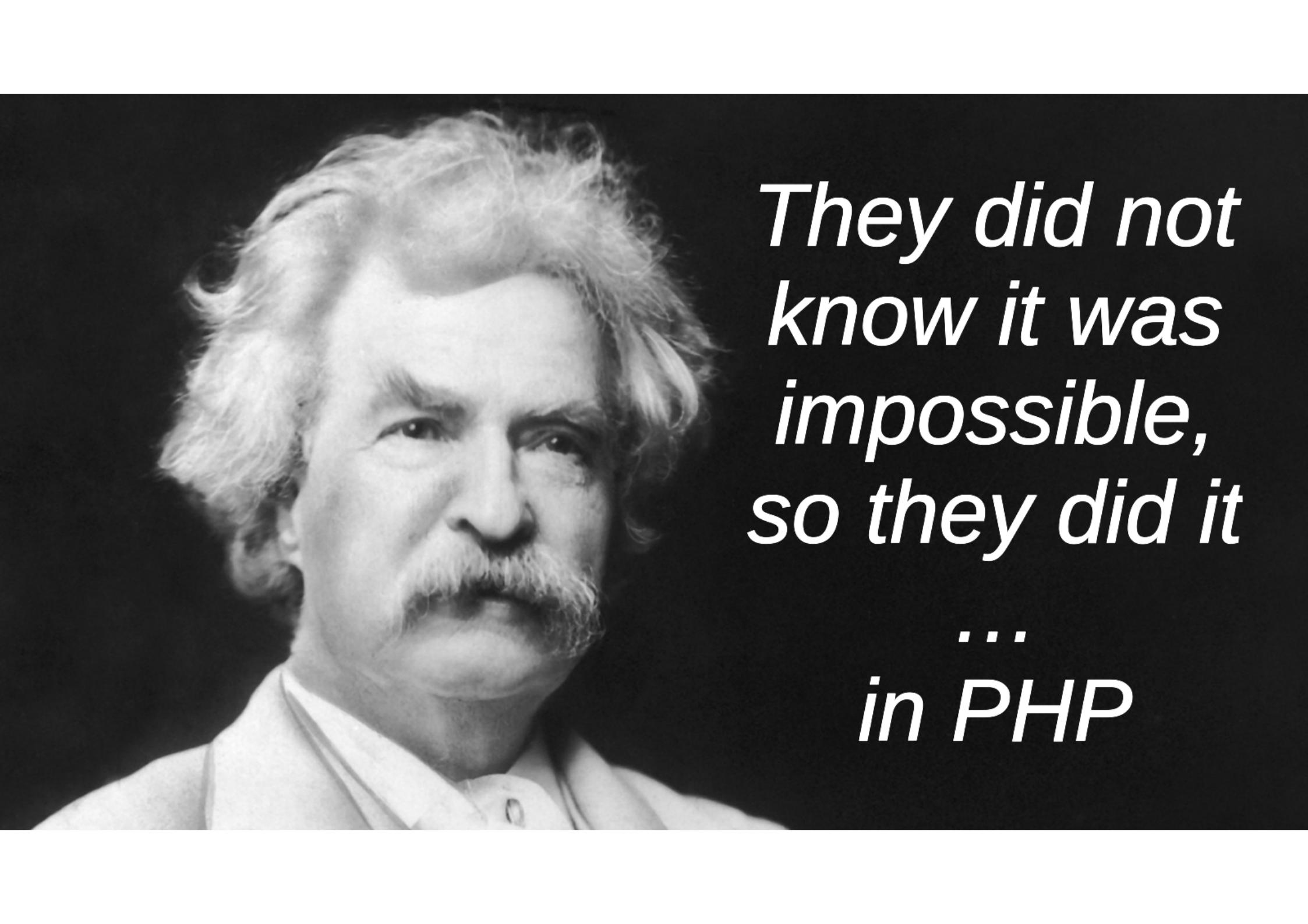
<https://github.com/b-viguier/PhPresent>



# ForumPhp2019-LT

<https://github.com/b-viguier/ForumPhp2019-LT>

**Why  
?!?**

A black and white portrait of the American writer and humorist Mark Twain. He is shown from the chest up, wearing a light-colored, collared shirt. His hair is curly and light-colored, and he has a full, bushy mustache. He is looking slightly to his left with a thoughtful expression.

*They did not  
know it was  
impossible,  
so they did it*

...  
*in PHP*



**What do you  
do with  
PHP?**

# Have Fun!

