

?

**What do you
do with
PHP?**

Website?

API?

cli?

G-UYS



What about

■ ■ ■

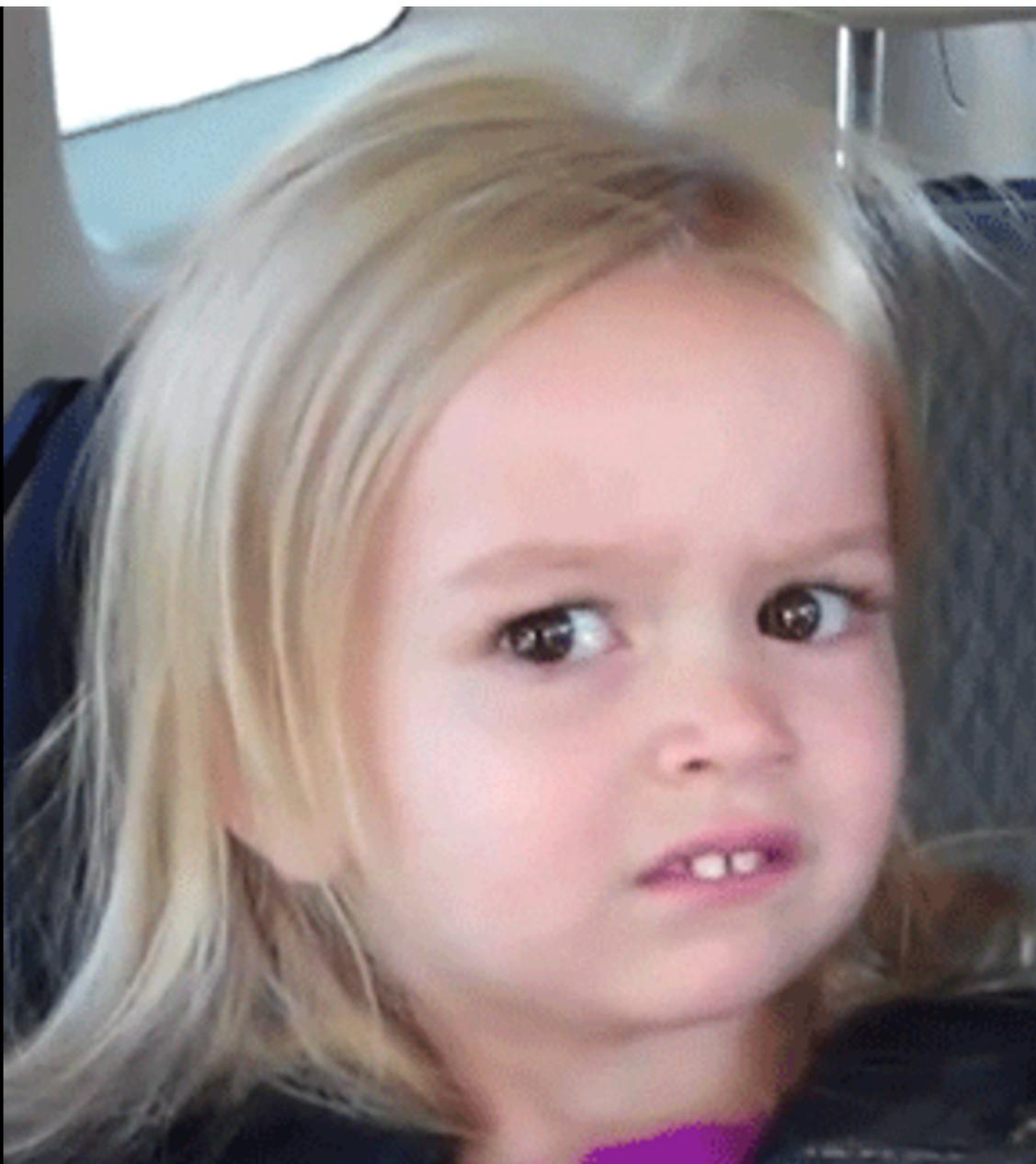
Software?

Music?

GUI?

**Data
Visualization?**

**Video
Games?**



The PHP logo 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, the "h" is at the top left, and the "p" is at the bottom left. The letters have a white outline and a black fill.

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

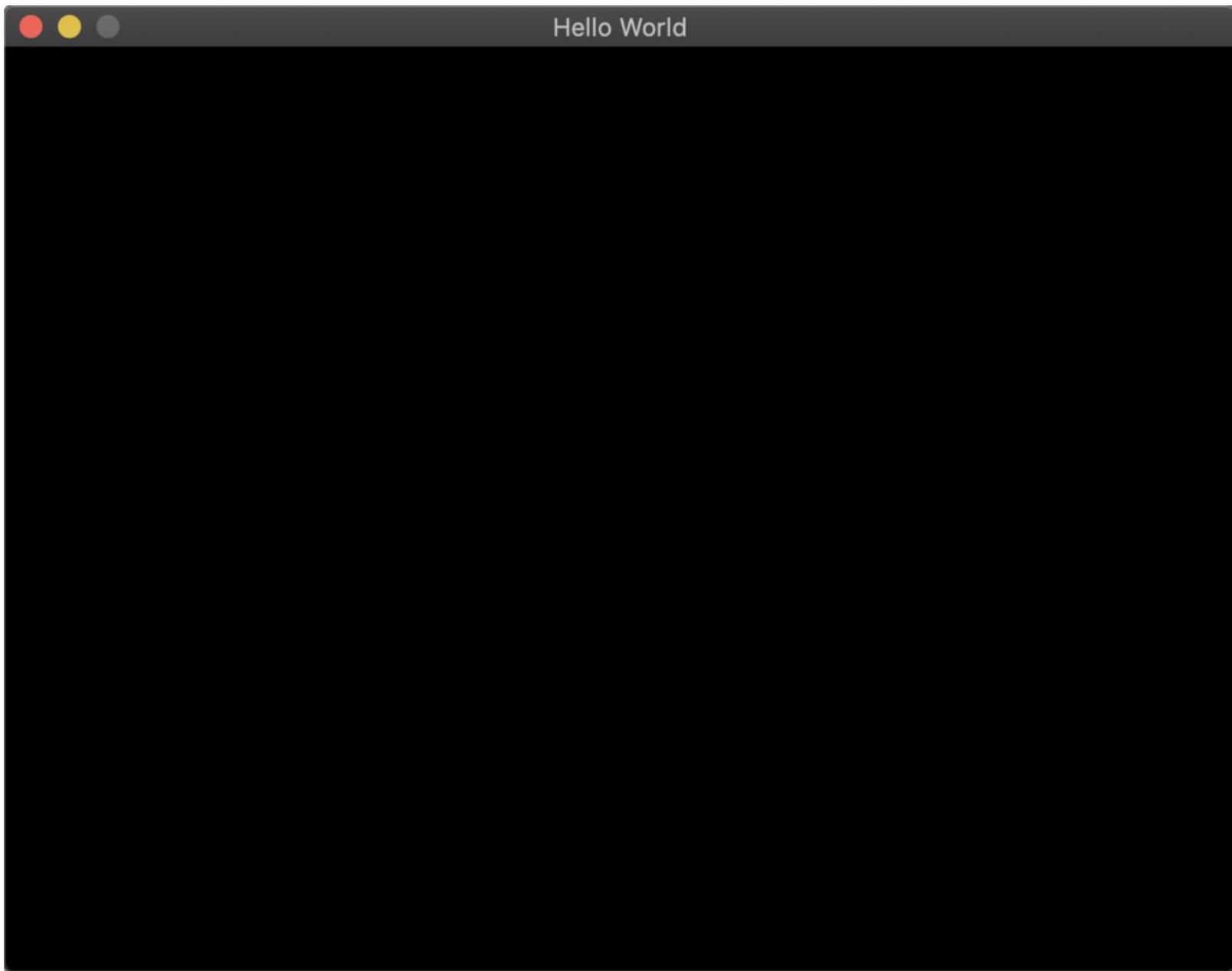
<https://github.com/Ponup/php-sdl>

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 }
```

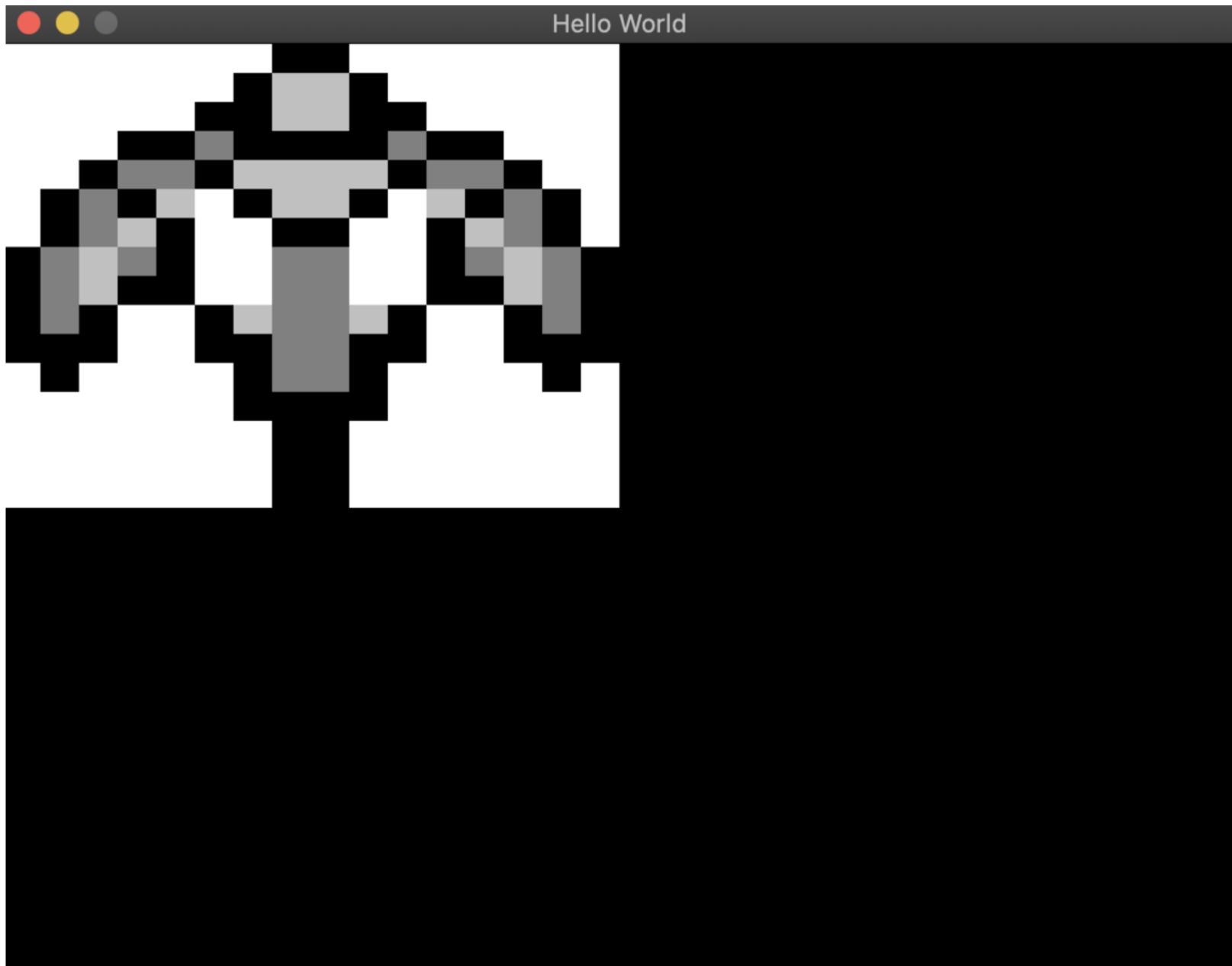


Textures

```
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 }
```

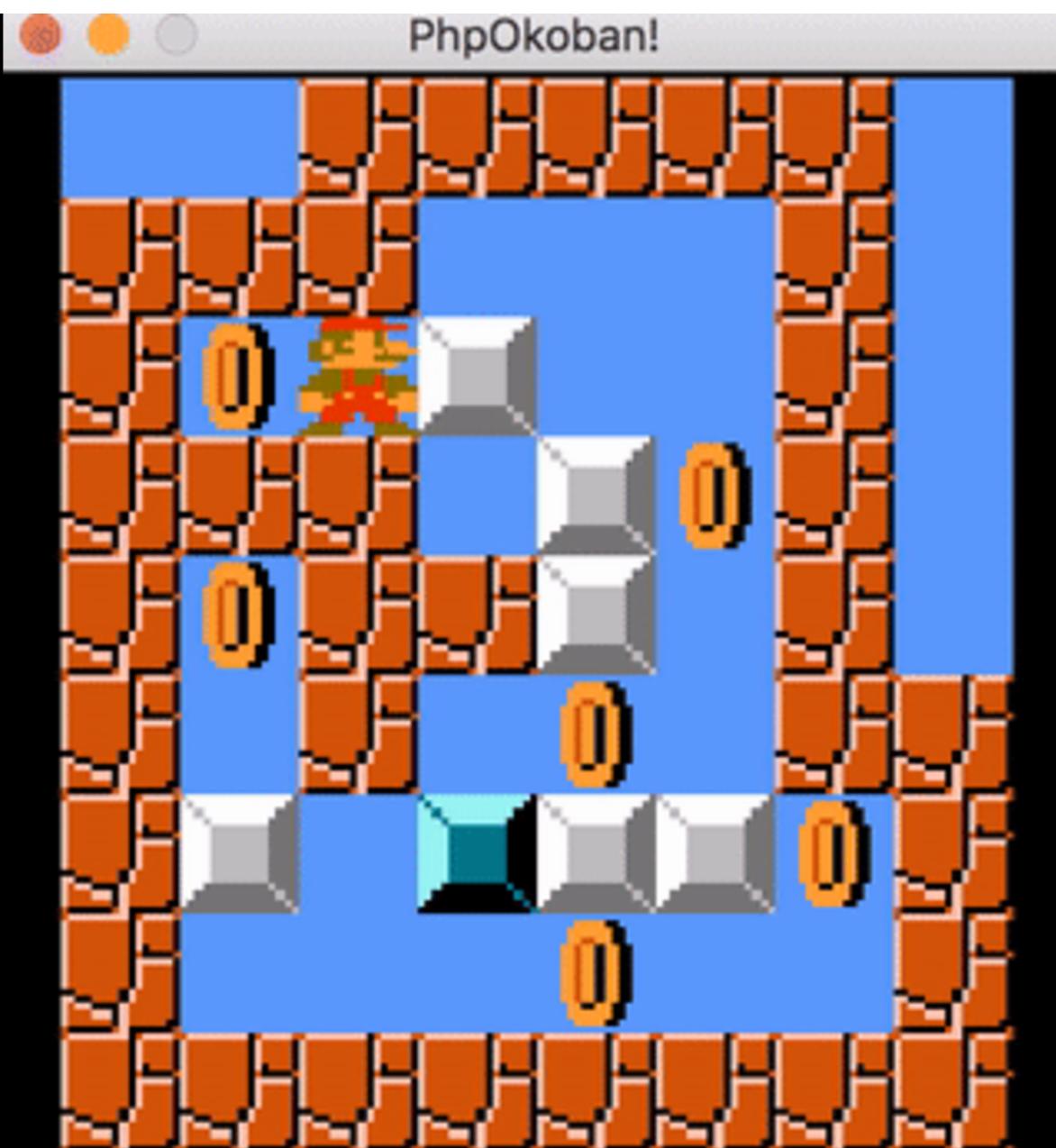


Inputs

```
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>

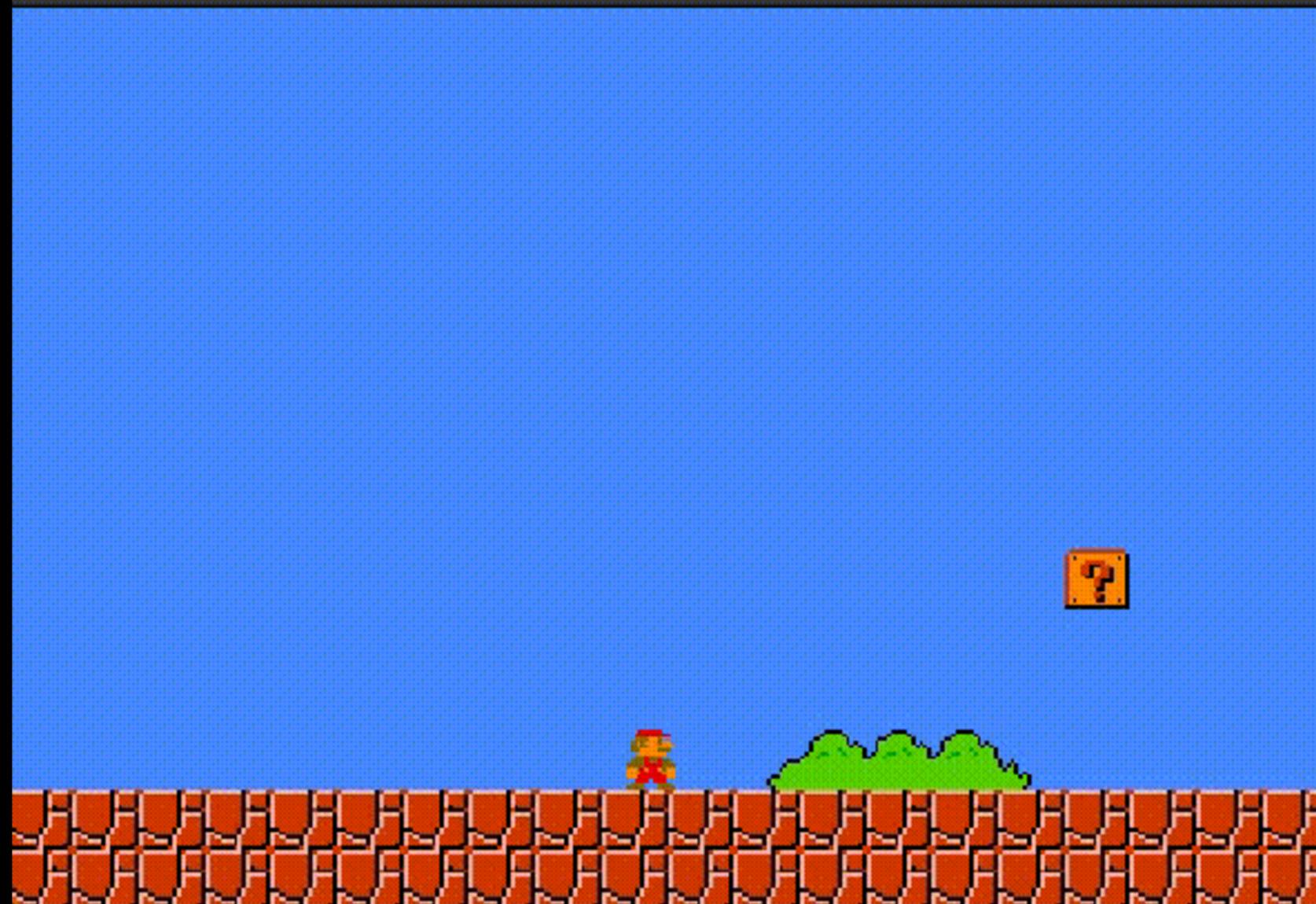


InPhpinity

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



InPhinity



PhPresent

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



Slides As Code

```
1 $presentation
2   ->addSlide($mysteriousSlide = new Slides\Mysterious( ))
3   ->addSlide($whatDoYouDoSlide = new Slides\BigText("What do you\nndo with\nnPHP?"))
4   ->addSlide(new Slides\BigText("Website?"))
5   ->addSlide(new Slides\BigText("API?"))
6   ->addSlide(new Slides\BigText("CLI?"))
7   ->addSlide(new Slides\Gif(
8     $bitmapSeqLoader->fromFile(__DIR__. '/assets/boring.gif')
9   ));
```

Imagick



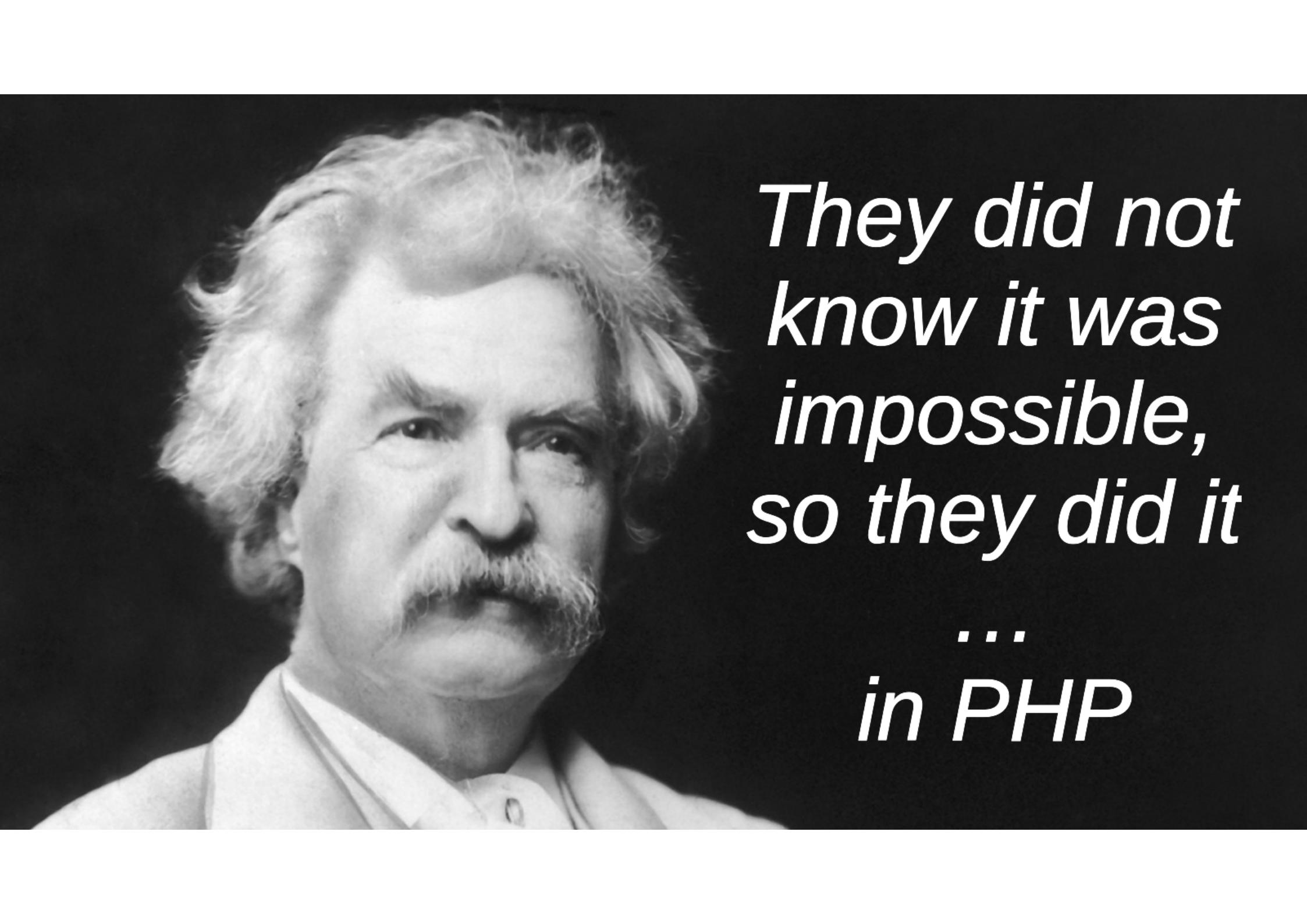
Animations

```
1 $center = $screen->safeArea()->center();
2 while (true) {
3     $rect = Geometry\Rect::fromTopLeftAndSize(
4         $this->sprite->origin(),
5         $this->sprite->bitmap()->size()->scaledBy(
6             1 - (0.2 * 0.5 * sin($timestamp->slideRelative() / 500) + 0.1)
7         )
8     )->centeredOn($center);
9
10    $timestamp = yield new Frame(
11        $this->sprite->moved($rect->topLeft())->resized($rect->size())
12    );
13 }
```

LFT-GraphicalPhp

<https://github.com/b-viguier/LFT-GraphicalPhp>

**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 thick and wavy, 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!

