babel-preset-php

PHP7 to ES7 syntax translator

This project transpiles PHP source code to readable JavaScript source code.

The conversion is implemented as an AST to AST translation (with source maps!). Produced code will have valid JavaScript syntax, but may not work quite the same way due to many conceptual differences between the languages.

PHP input →	→ generated JS

```php
define('FOO', max(floatval($c), strlen("foo")));
$bar['x'][][$b] = json_encode(__FILE__);
class Foo extends Bar\Baz {
  var $z = "hello" . "world";
  function __construct($some = array(7)) {
    parent::__construct(func_get_args());
    self::${$k} = "{$this->z[10]}";
  }
}
```

```js
const FOO = Math.max(+c, "foo".length);
bar.x.push({[b]: JSON.stringify(__filename)});
class Foo extends Bar.Baz {
  constructor(some = [7]) {
    super(arguments);
    this.z = "hello" + "world";
    this.constructor[k] = `${this.z[10]}`;
  }
}
```

Programming as Theory Building

The death of a program happens when the programmer **team possessing its theory is dissolved**. A dead program may continue to be used for execution in a computer and to produce useful results. The actual state of death becomes visible when demands for modifications of the program cannot be intelligently answered.

Revival of a program is the **rebuilding** of its theory by a new programmer team.