

OBJECT-ORIENTIZER

Robbert Luit

Intro

1. Intentions
2. Progress
3. Issues
4. Accomplished result

1. Intentions

Intentions

- Bad code -> Clean code

```
226     google.load('visualization', '1.0', {'packages':['corechart']});
227     google.setOnLoadCallback(drawChart);
228     function drawChart() {
229         var options = {
230             chart: {
231                 title: 'Occupancy stats',
232             },
233             bars: 'horizontal' // Required for Material Bar Charts.
234         };
235         <?php if($isPercentage == 1) { ?>
236             var data = google.visualization.arrayToDataTable([
237                 ['Centre', 'Mean', 'Median', 'Mode', 'Average Occupancy'],
238             <?php if(count($averages) > 0 ) { ?>
239             <?php foreach($averages as $branchId => $average) {
240
241                 echo "[ ' " . $allBranches[$branchId]['BUSINESS_BRANCH_NAME'] . "(ID " . $branchId . " "
242             ]?>
243             ]]);
244             <?php } ?>
245
246             options.hAxis = {
247                 format: 'percent',
248             };
249
250         <?php } else { ?>
251             var data = google.visualization.arrayToDataTable([
252                 ['Centre', 'Mean', 'Median', 'Mode', 'Average Appointment Slots', 'Average Occupancy'],
253             <?php if(count($averages) > 0 ) { ?>
254             <?php foreach($averages as $branchId => $average) {
255                 echo "[ ' " . $allBranches[$branchId]['BUSINESS_BRANCH_NAME'] . "(ID " . $branchId . " "
256             ]?>
257             ]]);
258             <?php } ?>
259             <?php } ?>
260
261             var chart = new google.visualization.BarChart(document.getElementById('barchart_material'));
```

- OOP from structural

2. Progress

Progress

- STEP A - Fileupload

OBJECT ORIENTIZER

INSTRUCTIONS

Upload a JavaScript/PHP file to start. < Beware, any other file will not result in a valid orientizer! >

STEP 1

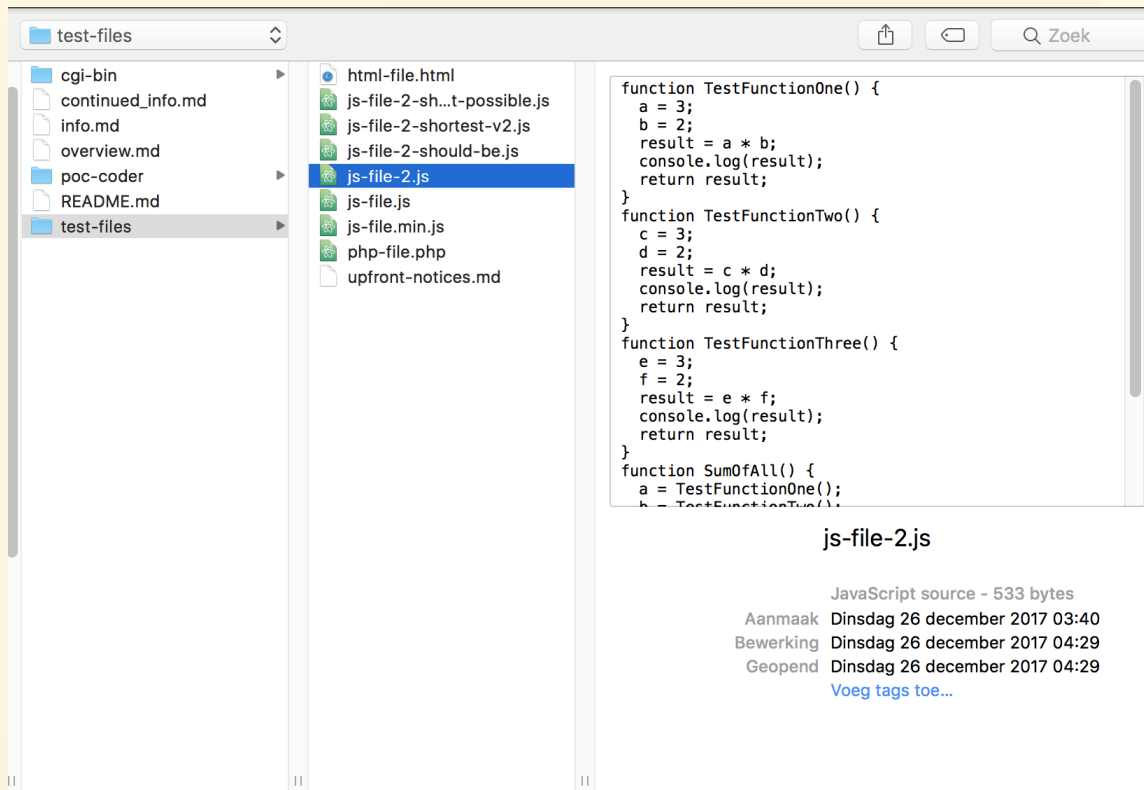
upload the file

STEP 2

Start Checker

Progress

- STEP B - Filetype PHP/JS



Progress

- STEP C - Try optimizing

OBJECT ORIENTIZER



Nah joke, just trying to optimize it ..

3. Issues

Issues

- Damn this is hard
- Puzzles to solve
- No continuous answer flow (overall iets anders)

Issues

- So many resources..

SOURCES

- [Refactoring when](#)
- [PhpStorm codesniffer](#)
- [Stackoverflow search OOP](#)
- [Tutplus procedural to OOP](#)
- [Science direct pii article](#)
- [Stackexchange procedural to OOP](#)
- [Dani web convert to OOP](#)
- [Perlmonks procedural to OOP](#)

SOURCES ++

- [Coding standards php codesniffer](#)
- [Google find occurrences in other code](#)
- [PHP function str_replace](#)
- [Create composer package](#)
- [Laravel filesystem](#)
- [Word counter github](#)
- [Word counter packagist](#)
- [Stackoverflow get all method names](#)
- [Get class name from file](#)
- [Stackoverflow preg match false](#)
- [Stackoverflow array to string conversion](#)
- [Stackoverflow string in array split new line](#)
- [Tutorialspoint preg match](#)
- [Google Find word in array](#)

Issues

- What do I use?

SOURCES +++

- [PHP function get_class_methods](#)
- [Phpstorm code-inspection](#)
- [Stackoverflow check if word in array](#)
- [Stackoverflow odd or even](#)

SOURCES ++++

- [Phpstorm structural search and replace](#)
- [Stackexchange procedural to OOP](#)
- [PDF analyse & refactoring](#)

SOURCES ++++

- [Refactoring Recipes](#)
- [Stackoverflow proc to obj-oriented](#)
- [Jstage PDF](#)

LOL SOURCE OOP FUN CODE EXAMPLES

- [Reddit bad code](#)
- [Reddit worst practices](#)

YOUTUBE

- [Code smells - 36min](#)
 - [Wikipedia code smell](#)
 - [Sourcemaking refactoring](#)
- [Time to learn regex - 24min](#)
- [Unit testing - 48min](#)

Accomplished result

Accomplished result

- Mix from many resources
- Optimization proposals, adhv the uploaded file
- ..

Mmhmhm.. Time for a DEMO
Let's GO!