

```
1 <?php
2
3 namespace Models;
4
5 class Test
6 {
7     private $state = false;
8     public $timer;
9     public $name = "";
10
11     /*
12      * Creates Timer
13      */
14     public function __construct()
15     {
16         $this->timer = new Timer();
17     }
18
19     /*
20      * Needs to be overwritten by Tests, with test-function
21      */
22     public function test() {}
23
24     /*
25      * Runs the test and stops time
26      *
27      * @throws Exception if test has been executed before
28      */
29     public function runTest()
30     {
31         if($this->state)
32         {
33             throw new Exception("Test already executed!");
34         }
35         else
36         {
37             $this->timer->start();
38             $this->test();
39             $this->timer->stop();
40             $this->state = true;
41         }
42     }
43 }
44 }
```