
Bs_StopWatch:

how long does this take?

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...WELL... HEY IT'S A STOPWATCH, WHAT CAN I SAY MORE ABOUT IT :-)

YOU CAN TAKE TIMES DURING A CODE RUN AND AT THE END GET A TIME TABLE AS HTML OR TEXT TABLE. THE OUTPUT WILL CONTAIN TOTAL AND DELTA BETWEEN EACH TAKE IN MICROSECONDS.

10% of your code takes 90% of the execution time. Before you start optimizing code, be sure to know where to start.

Source Location:

Class: `core/util/Bs_StopWatch.class.php`

Example: `core/util/examples/Bs_StopWatch.php`

Typical Use Cases:

You quickly want to do some profiling and get a simple but nice output.

Example:

```
<?php
require_once($_SERVER['DOCUMENT_ROOT'] . '/../global.conf.php');
require_once($APP['path']['core'] . 'util/Bs_StopWatch.class.php');

$myStopWatch =& new Bs_StopWatch();
$myStopWatch->reset();

for ($i=0; $i<200000; $i++) {;} // Use some CPU
$myStopWatch->takeTime("Take 1"); // Take time

for ($i=0; $i<30000; $i++) {;} // Use some more CPU
$myStopWatch->takeTime("Take 2"); // Take time again

for ($i=0; $i<60000; $i++) {;}
$myStopWatch->takeTime("Take 3");

for ($i=0; $i<100000; $i++) {;}
$myStopWatch->takeTime("Take 4"); // Last time take.

// Output as HTML
echo $myStopWatch->toHtml("Test");

// Output as Text
echo "<br><hr><pre>";
echo $myStopWatch->toString("Test");
?>
```

Above code will produce following output:

Test

Nr.	INFO	DELTA (ms)	TOT (ms)	-
0	Take 1	108	108	*****
1	Take 2	14	121	****
2	Take 3	27	148	*****
3	Take 4	47	195	*****

Test

```
| d | tot [ms]
-----
Take 1 | 108 | 108 | *****
Take 2 | 14 | 121 | ****
Take 3 | 27 | 148 | *****
Take 4 | 47 | 195 | *****
```