

# STOP WATCH COMPOSANT



“The Stopwatch component provides a way to profile code.”

# Qu'est-ce qu'il fait?

...

“The Stopwatch component provides an easy and consistent way to measure execution time of certain parts of code so that you don't constantly have to parse microtime by yourself”

# Sources

...

<https://symfony.com/doc/master/components/stopwatch.html>

<https://github.com/symfony/stopwatch>

# Simple d'utilisation

```
1  use Symfony\Component\Stopwatch\Stopwatch;  
2  
3  $stopwatch = new Stopwatch();  
4  // starts event named 'eventName'  
5  $stopwatch->start('eventName');  
6  // ... some code goes here  
7  $event = $stopwatch->stop('eventName');
```

# informations

```
1 $event->getCategory(); // returns the category the event was started in
2 $event->getOrigin();    // returns the event start time in milliseconds
3 $event->ensureStopped(); // stops all periods not already stopped
4 $event->getStartTime(); // returns the start time of the very first period
5 $event->getEndTime();   // returns the end time of the very last period
6 $event->getDuration();  // returns the event duration, including all periods
7 $event->getMemory();    // returns the max memory usage of all periods
```

# Exemples en live

Les quotes simple => `$test = 'foo ' . $bar . ' baz ' . $foo;`

Les doubles => `$test = "foo $bar baz $foo";`

# Pour aller plus loin

Ce composant est utilisé avec le profiler de symfony.

# C'est fini!

Si vous voulez en savoir plus je vous invite à l'essayer et l'utiliser.