JavaScript is disabled on your browser.

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org.opencv.core

## Class TickMeter

* java.lang.Object
  + org.opencv.core.TickMeter
* public class TickMeter  
  extends java.lang.Object  
  a Class to measure passing time. The class computes passing time by counting the number of ticks per second. That is, the following code computes the execution time in seconds: SNIPPET: snippets/core\_various.cpp TickMeter\_total It is also possible to compute the average time over multiple runs: SNIPPET: snippets/core\_various.cpp TickMeter\_average SEE: getTickCount, getTickFrequency

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**TickMeter**](http://docs.google.com/org/opencv/core/TickMeter.html#TickMeter())() |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [TickMeter](http://docs.google.com/org/opencv/core/TickMeter.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/core/TickMeter.html#__fromPtr__(long))(long addr) |
| double | [**getAvgTimeMilli**](http://docs.google.com/org/opencv/core/TickMeter.html#getAvgTimeMilli())() |
| double | [**getAvgTimeSec**](http://docs.google.com/org/opencv/core/TickMeter.html#getAvgTimeSec())() |
| long | [**getCounter**](http://docs.google.com/org/opencv/core/TickMeter.html#getCounter())() |
| double | [**getFPS**](http://docs.google.com/org/opencv/core/TickMeter.html#getFPS())() |
| long | [**getNativeObjAddr**](http://docs.google.com/org/opencv/core/TickMeter.html#getNativeObjAddr())() |
| double | [**getTimeMicro**](http://docs.google.com/org/opencv/core/TickMeter.html#getTimeMicro())() |
| double | [**getTimeMilli**](http://docs.google.com/org/opencv/core/TickMeter.html#getTimeMilli())() |
| double | [**getTimeSec**](http://docs.google.com/org/opencv/core/TickMeter.html#getTimeSec())() |
| long | [**getTimeTicks**](http://docs.google.com/org/opencv/core/TickMeter.html#getTimeTicks())() |
| void | [**reset**](http://docs.google.com/org/opencv/core/TickMeter.html#reset())() |
| void | [**start**](http://docs.google.com/org/opencv/core/TickMeter.html#start())() |
| void | [**stop**](http://docs.google.com/org/opencv/core/TickMeter.html#stop())() |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### TickMeter public TickMeter()

### Method Detail

#### \_\_fromPtr\_\_ public static [TickMeter](http://docs.google.com/org/opencv/core/TickMeter.html) \_\_fromPtr\_\_(long addr)

#### getAvgTimeMilli public double getAvgTimeMilli()

#### getAvgTimeSec public double getAvgTimeSec()

#### getCounter public long getCounter()

#### getFPS public double getFPS()

#### getNativeObjAddr public long getNativeObjAddr()

#### getTimeMicro public double getTimeMicro()

#### getTimeMilli public double getTimeMilli()

#### getTimeSec public double getTimeSec()

#### getTimeTicks public long getTimeTicks()

#### reset public void reset()

#### start public void start()

#### stop public void stop()

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