

Andrey “Rarst” Savchenko

- [Rarst.net](#)
- ◆ WPSE ([s.tk/wp](#))
- [QueryPosts.com](#)
- [Composer.Rarst.net](#)



200ms

interface interactivity boundary

goal 1

10ms resolution

Internet is lying to you

1. Enable profiler extension...
2. Load the page to profile...
3. Find the resulting profile file...
4. Launch the profile viewer application...
5. Load the profile file in viewer application...

Bullshit.

goal 2

0..2 clicks

Low setup, low detail

- easy to install
- minimal requirements
- primarily totals information

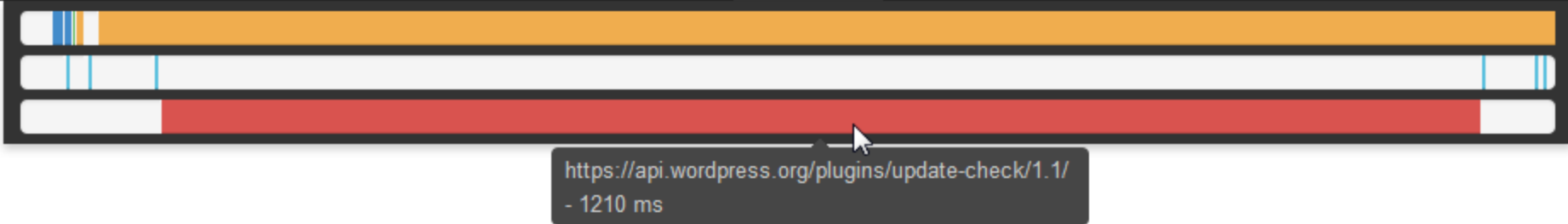
var_dump() of profiling

```
printf(  
    '%d queries in %.3f seconds, using %.2fMB memory',  
    get_num_queries(),  
    timer_stop( 0, 3 ),  
    memory_get_peak_usage() / 1024 / 1024  
);  
// 3 queries in 0.251 seconds, using 4.42MB memory
```


Symfony Stopwatch

```
$stopwatch = new Stopwatch();  
$stopwatch->start( 'eventName' );  
  
// some code goes here  
  
$event = $stopwatch->stop( 'eventName' );  
echo $event->getDuration(); // 202  
echo $event->getmemory(); // 3670016
```

symfony.com/doc/current/components/stopwatch



Laps

- common load stages
- database queries
- HTTP requests

github.com/Rarst/laps

High setup, high detail

- (relatively) hard to install
- require PHP binary extension
- highly detailed information

XHProf / uprofiler

- open source
- lightweight
- *lingua franca* format

github.com/FriendsOfPHP/uprofiler

Blackfire

- in beta
- hosted service
- nice user interface

blackfire.io



Rarst.net

cynical thoughts on software and web

 search

Latest

Template: Sticky

This is a sticky post.

There are a few things to verify:

- The sticky post should be distinctly recognizable in some way in comparison to normal posts. You can style the `.sticky` class if you are using the `post_class()` function to generate your post classes, which is a best practice

About

Andrey
"Rarst"
Savchenko



Techie.
From Kiev.
Sometimes WP developer.
Tea drinker. Cat person.

Elsewhere

Practical performance profiling

- bookmarklet trigger
- web viewer

Complete in-browser workflow.

Hands off, always on

- automated data collection
- looking for anomalies
- in multiple contexts

New Relic

- involved server setup
- collects from many technologies
- dumbs it down magnificently

newrelic.com



WP Performance Profiler

- WordPress plugin
- pure PHP (no extension)
- contexts (front/admin/cron/ajax)

wppperformanceprofiler.interconnectit.com

next monday

install Laps

a while later

question results

Thank you for listening! Questions?

@Rarst

[Rarst.net/slides/profiling](https://rarst.net/slides/profiling)

[Rarst.net/slides/profiling/code](https://rarst.net/slides/profiling/code)