

# IBM Rational Performance Tester

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група ФІ-92

# IBM RPT

Це інструмент, розроблений для тестування Web- додатків з метою виявлення і виправлення проблем з продуктивністю



# Функціональність IBM RPT

- Тестування Citrix та протоколу SAP
- Інструменти аналізу проблем
- Моніторинг ресурсів
- Помилки відгуку системи
- IP-псевдоніми
- Цифрові сертифікати



### IBM® Rational® Performance Tester V7.0

IBM® Rational® Performance Tester is a tool for automating the load and scalability testing of server-based software applications. You can use Rational® Performance Tester to ensure your software application will scale and perform to meet service-level agreements and production-level loads. You can increase load generation capacity by installing additional agents on remote computers.

[Install IBM® Rational® Performance Tester \(Includes Agent\)](#)

[Install IBM® Rational® Performance Tester Agent](#)



### Install Optional Products

[Install IBM® Rational® Common Client Licensing Components \(Windows\)](#)

[Install IBM® Rational® License Server \(Windows\)](#)

[IBM® Rational® ClearCase® LT](#)



### View Release Information

[Readme](#)

[Installation Guide](#)

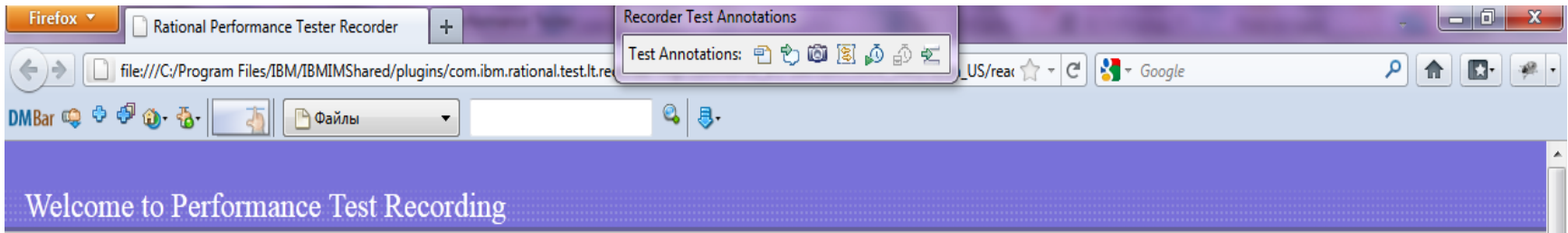
# Особливості IBM RPT

- Тестування без скриптів
- Знаходження і діагностика джерел проблем з ефективністю
- Інтегрований моніторинг ресурсів
- Звітність в режимі реального часу для негайної ідентифікації проблеми

# Особливості IBM RPT

- Запуск багатокористувацьких тестів з мінімальними вимогами до обладнання
- Для гнучкої настройки сайтів можна вставляти код Java
- Рендеринг виду HTML тих сторінок, які були відвідані під час запису тесту
- Підтримка Entrust security протоколу
- Підтримка широкого кола середовищ і платформ

# Тестування сайту osum.sun.com



## BEFORE YOU BEGIN

### Remove Temporary Files

Before you start recording you **should** remove temporary files (page history cache files) as this will allow for better automatic page identification by Rational Performance Tester. You may also want to remove any cookies associated with that site based upon your testing needs.

+[Directions on how to remove temporary files.](#)

### Allow Pages to Load Completely

Type the address of the web site that you want to test in the address box of this browser. Browse through the web pages just as a user would do, **however do so at a slow pace, allowing each page to fully display.** Rational Performance Tester automatically records your actions. It is important to wait for each page to load completely to help ensure better automatic page recognition. Any extra "waiting time" (Thinktime) will be removed during playback of the recorded session.

When you are finished recording, close the web browser. Rational Performance Tester saves and displays the recorded performance test.

### PRIVACY WARNING

You are about to record a performance test. If you continue this recording session, electronic data communicated between your browser and web servers -- potentially sensitive or private data, including but not limited to logins and passwords -- will be captured, and this sensitive or private data may appear unencrypted in tests or other artifacts that are later generated from the recording. If you wish to avoid this possibility, simply exit the recording now and no data will be captured. To exit, close this browser window.

Firefox | Open Source University Meetup | Recorder Test Annotations

Test Annotations: [Icons]

http://osum.sun.com/main/authorization/signIn?target=http%3A%2F%2Fosum.sun.com/ | Google

DMBar | [Icons] | [Файлы]

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Password

**Sign In**

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#### About Open Source University Meetup



Open Source University Meetup is a social network



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[Discussions](#)  
[Events](#)  
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## Welcome, Phedorets Kate!

### Latest Activity Edit

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[What are you up to?](#) 140 [Share](#)

**QA&QC**  
 Материали по предмету "Обеспечение качества программного обеспечения"  
[Phedorets Kate](#) joined [Andrii Rodionov's](#) group Sep 23  
[7 Comments](#)

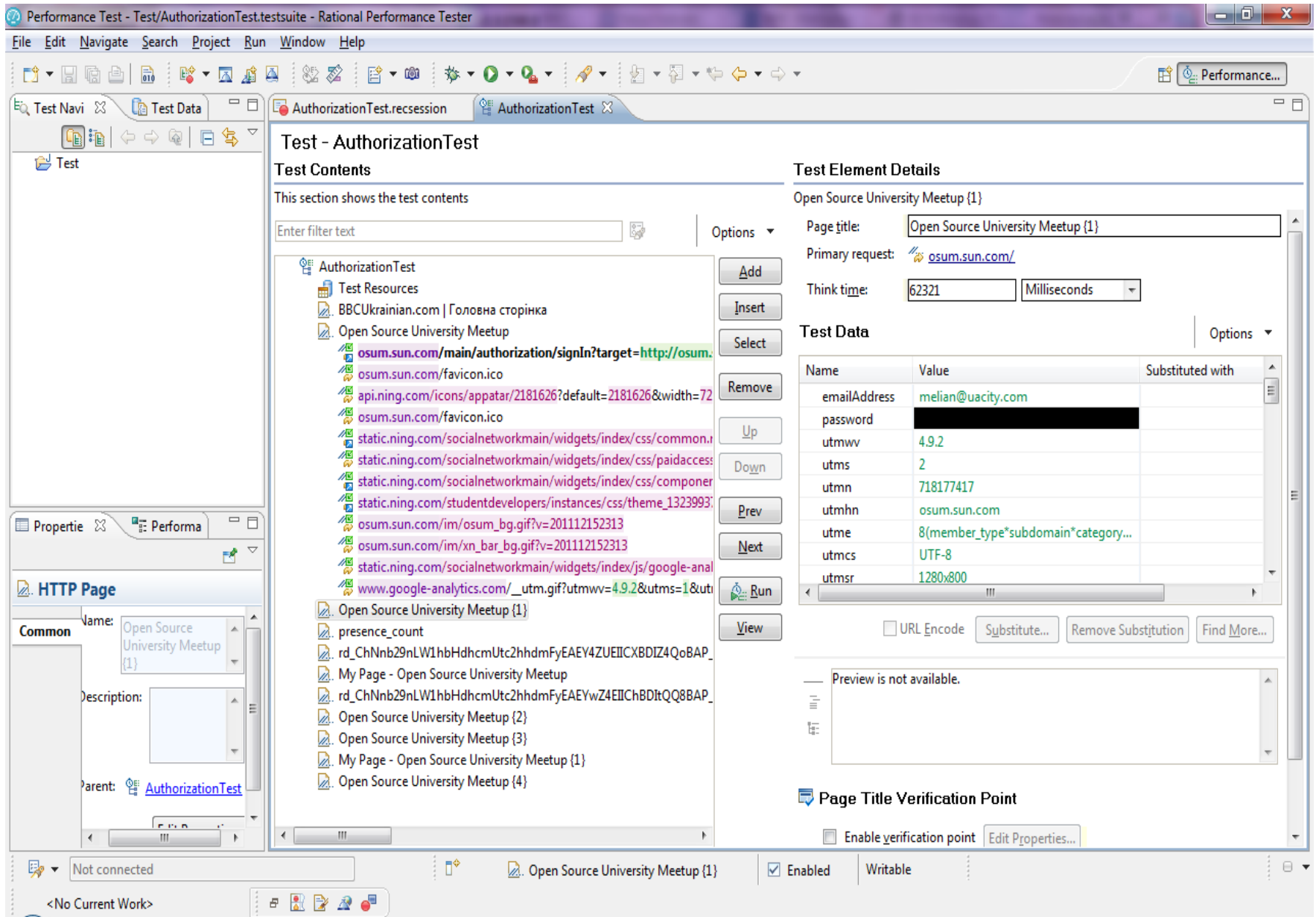
**National Technical University of Ukraine "KPI"**  
 Группа студентов и преподавателей НТУУ "КПИ", заинтересованных в изучении и продвижении open source технологий, включая Java, OpenSolaris, ...

**Phedorets Kate**  
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# Отримані результати

# Summary

## Run Summary

Executed Test	AuthorizationTest
Active Users	0
Completed Users	1
Total Users	1
Elapsed Time [H:M:S]	0:02:17
Run Status	Complete
Displaying Results for Computer:	All Hosts

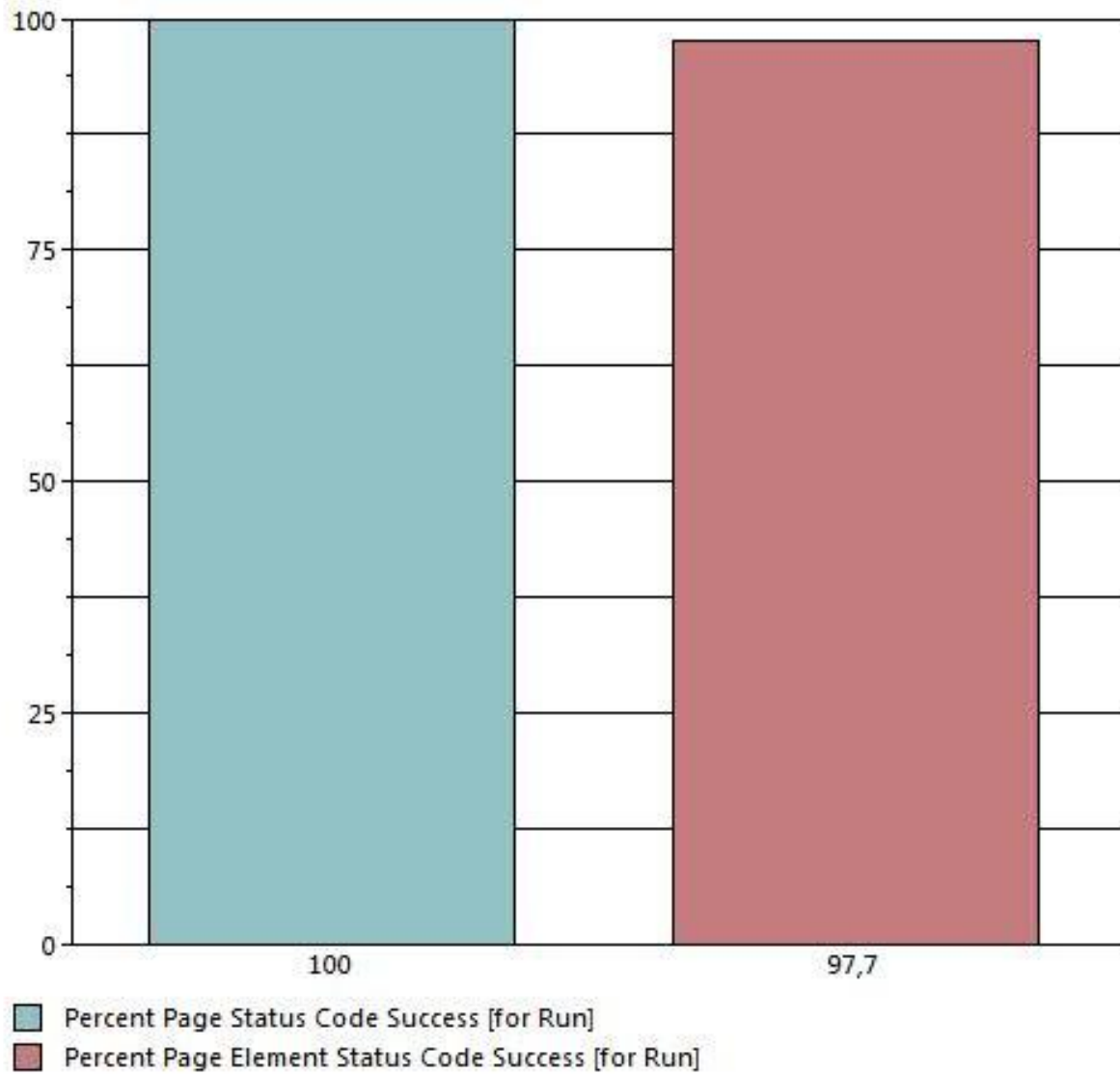
## Page Summary

Total Page Attempts [for Run]	11
Total Page Hits [for Run]	11
Average Response Time For All Pages [ms] [for Run]	7 624
Response Time Standard Deviation For All Pages [for Run]	4 178,6
Maximum Response Time For All Pages [ms] [for Run]	14 585
Minimum Response Time For All Pages [ms] [for Run]	1 402

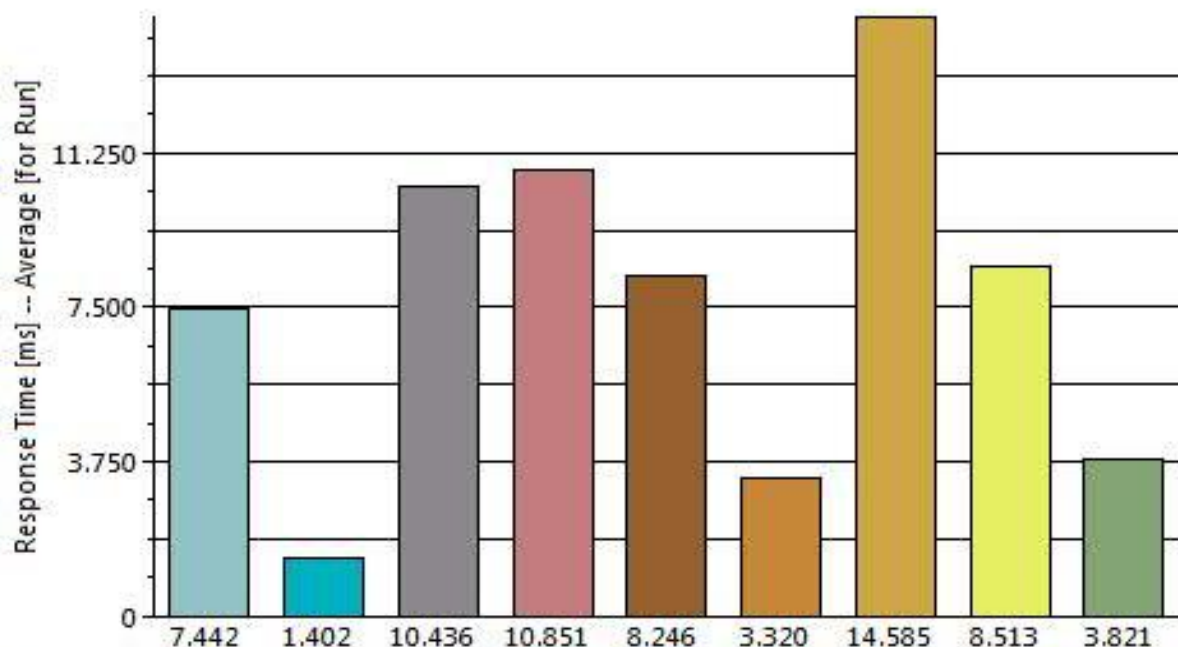
## Page Element Summary

Total Page Element Attempts [for Run]	174
Total Page Element Hits [for Run]	174
Average Response Time For All Page Elements [ms] [for Run]	2 124
Response Time Standard Deviation For All Page Elements [for Run]	2 313,9

# Overall



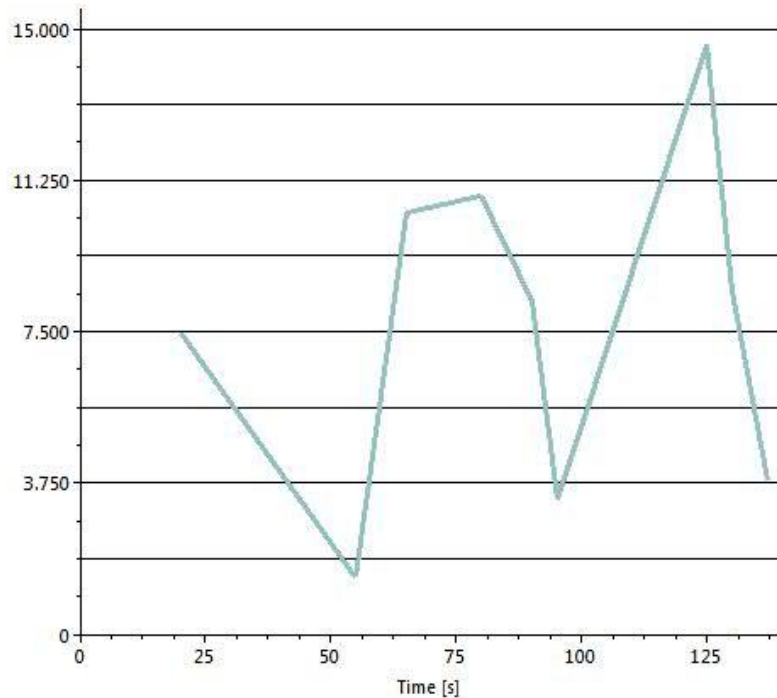
Average Page Response Time for Run (Filter applied: Count Filter: 10 highest)



- Open Source University Meetup
- presence\_count
- rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEY4ZUEIICXBDIZ4QoBAP\_\_\_\_\_
- My Page - Open Source University Meetup
- rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEYwZ4EIChBDItQQ8BAP\_\_\_\_\_
- Open Source University Meetup {2}
- Open Source University Meetup {3}
- My Page - Open Source University Meetup {1}
- Open Source University Meetup {4}

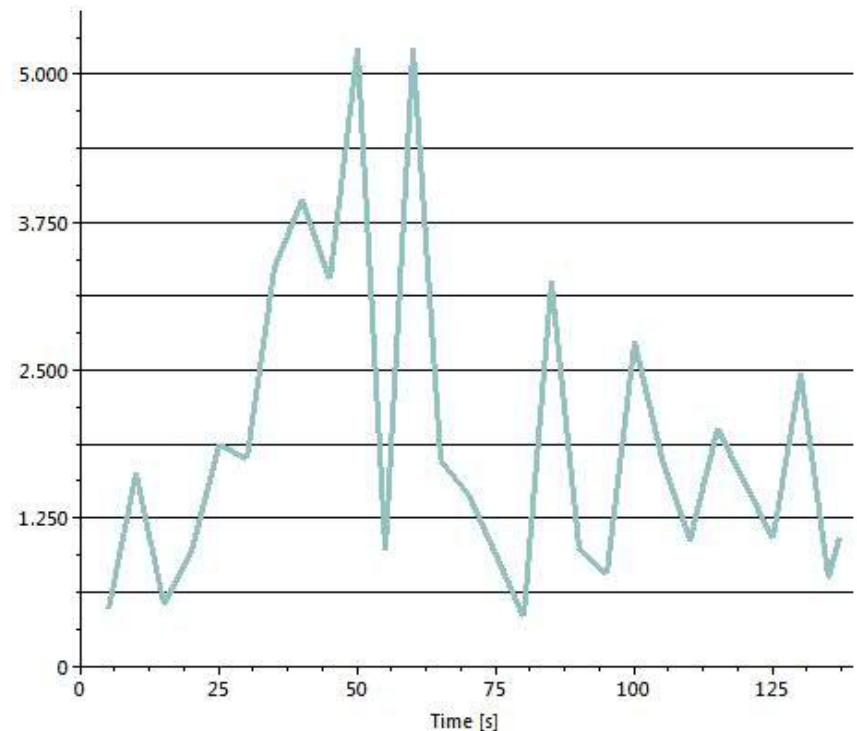
# Response vs. Time Summary

Page Response vs. Time



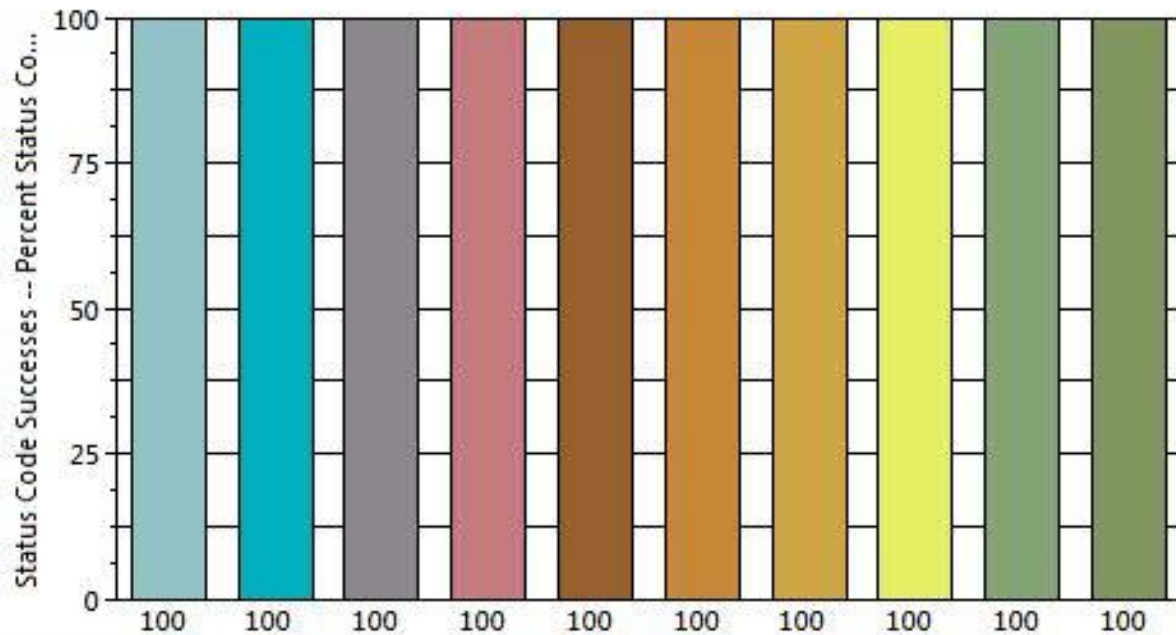
■ Average Response Time For All Pages [ms] [for Interval]

Page Element Response vs. Time



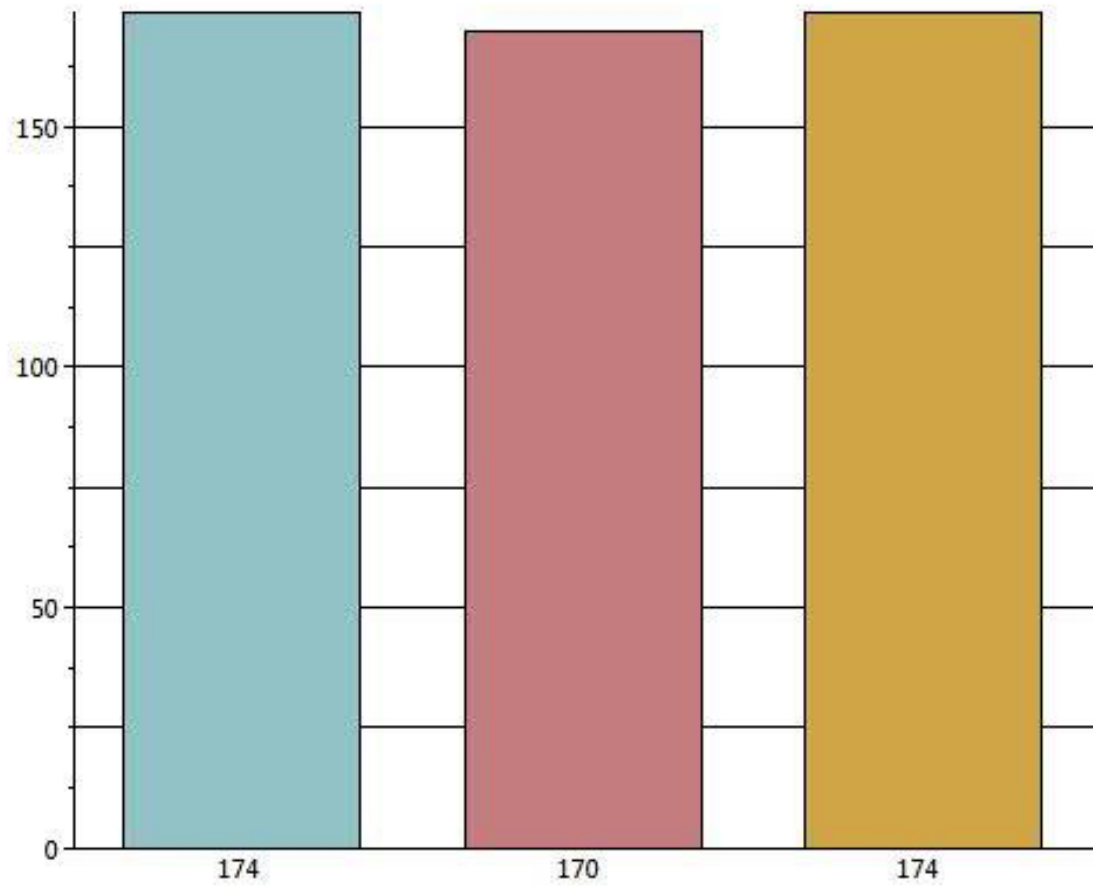
■ Average Response Time For All Page Elements [ms] [for Interval]

## Page Health (Filter applied: Count Filter: 10 lowest)



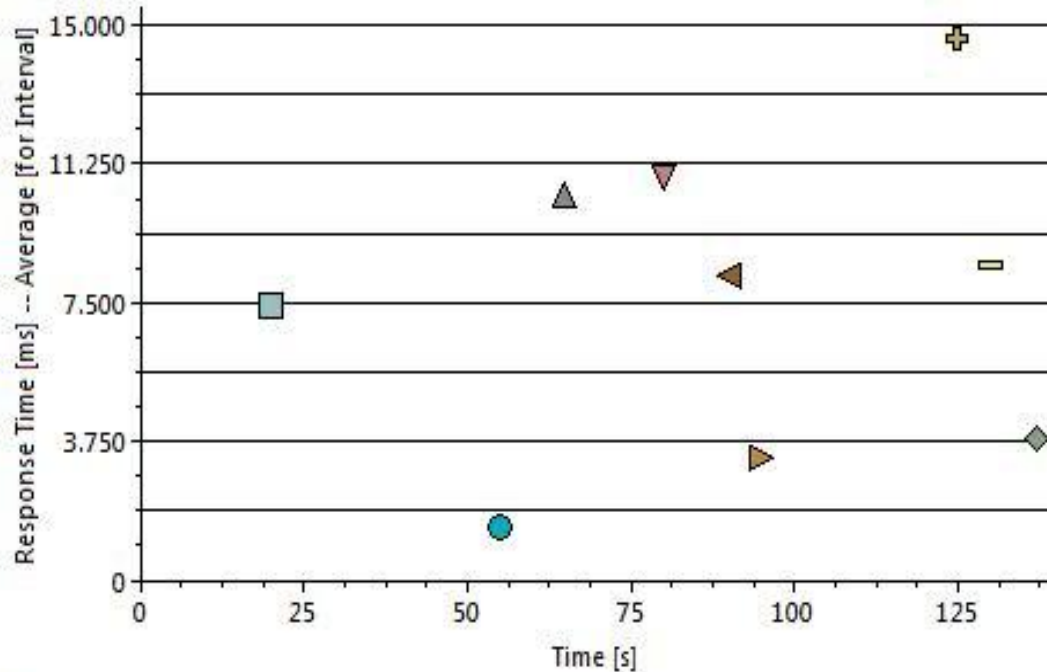
- BBCUkrainian.com | Головна сторінка
- Open Source University Meetup
- Open Source University Meetup {1}
- presence\_count
- rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEY4ZUEIICXBDIZ4QoBAP\_\_\_\_\_...
- My Page - Open Source University Meetup
- rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEYwZ4EIIChBDItQQ8BAP\_\_\_\_\_...
- Open Source University Meetup {2}
- Open Source University Meetup {3}
- My Page - Open Source University Meetup {1}

### Page Element Health



- Total Page Element Attempts [for Run]
- Total Page Element Status Code Successes [for Run]
- Total Page Element Hits [for Run]

### Average Page Response Time [for Interval]



- Open Source University Meetup
- presence\_count
- ▲ rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEY4ZUEIICXBDIZ4QoBAP\_\_\_\_\_...
- ▼ My Page - Open Source University Meetup
- ▶ rd\_ChNnb29nLW1hbHdhcmUtc2hhdmFyEAEYwZ4EIIChBDItQQ8BAP\_\_\_\_\_...
- ▶ Open Source University Meetup {2}
- ⊕ Open Source University Meetup {3}
- ▬ My Page - Open Source University Meetup {1}
- ◆ Open Source University Meetup {4}

**Дякую за увагу!**