**Gatling – Performance Test**

Dieses Dokument beinhaltet Werte von:

DaoMongoDBExtended

* 9 Tests

DaoMongoDBSimple

* 9 Tests

DaoPostgresqlSlick

* 8 Tests

*Die oberen 3 enthalten:*

* *Stress Test*
* *Spike Test Mini*
* *Spike Test Small*
* *Spike Test*
* *Load Test*
* *Endurance Test Mini*
* *Endurance Test Small*
* *Endurance Test*
* *(Mongo zusätzlich ohne Exception print)*

DBSlick

* 2 Tests
  + *Stress Test*
  + *Load Test*

RestTUI-PreFix

* 4 Tests
  + *Stress Test*
  + *Load Test*
  + *Endurance Test*
  + *Spike Test*

RestTUI-PostFix

* 5 Tests
  + *Stress Test*
  + *Load Test*
  + *Endurance Test*
  + *Spike Test*

DAO Load Save

* 4 Test in 1 File
  + *Getestet an allen (3) Pre und Future DAO Implementationen*

Rückblickend:

* 47 Tests durchgeführt
* Zeiten deutlich verbessert durch fixes.

Fixes

RestTUI:

Prototype Pattern

* Instead of creating a new default grid, clone a prototype.

Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

Before:



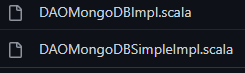
After:

Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

Database:

* Deleting all print / debug outputs
* Adding futures for load
* Different database implementations (save simple / extended)



Extented:Ein Bild, das Text enthält.

Automatisch generierte Beschreibung

Simple:Ein Bild, das Text enthält.

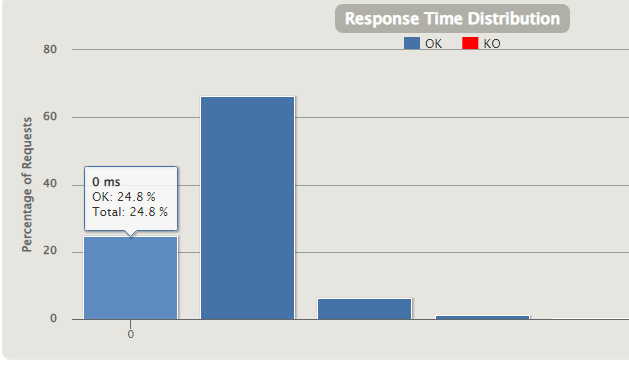
Automatisch generierte Beschreibung

**DAO:**

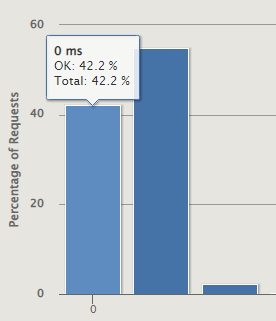
**Endurance Mini:**

****

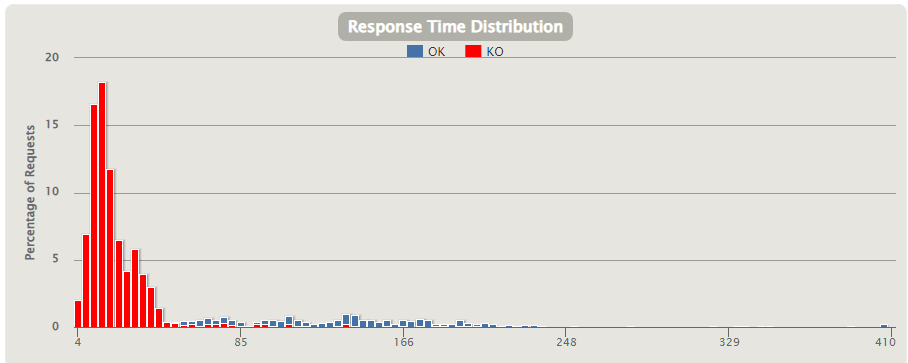
Extended Implementation:



Simple Implementation:

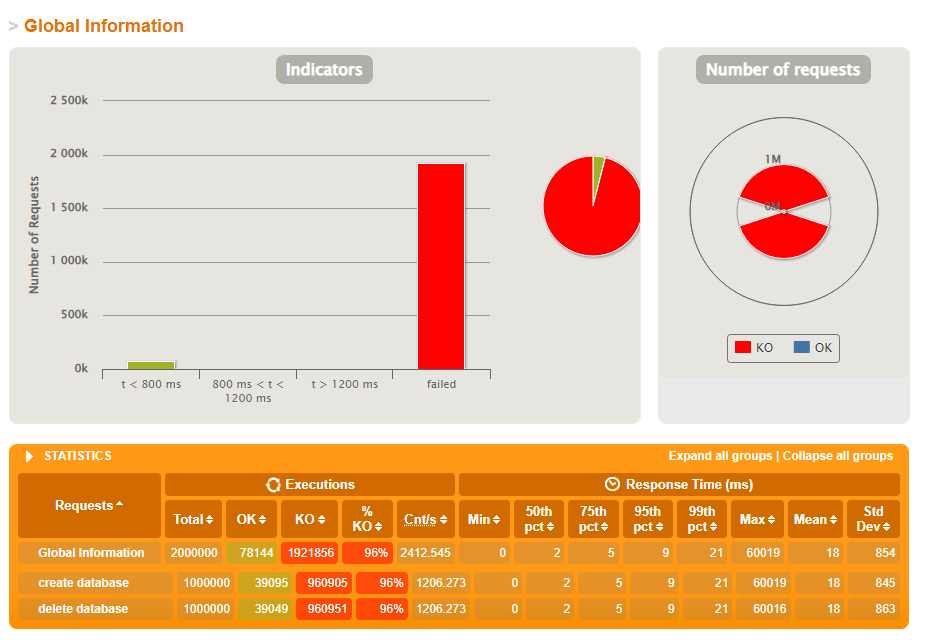


Slick:

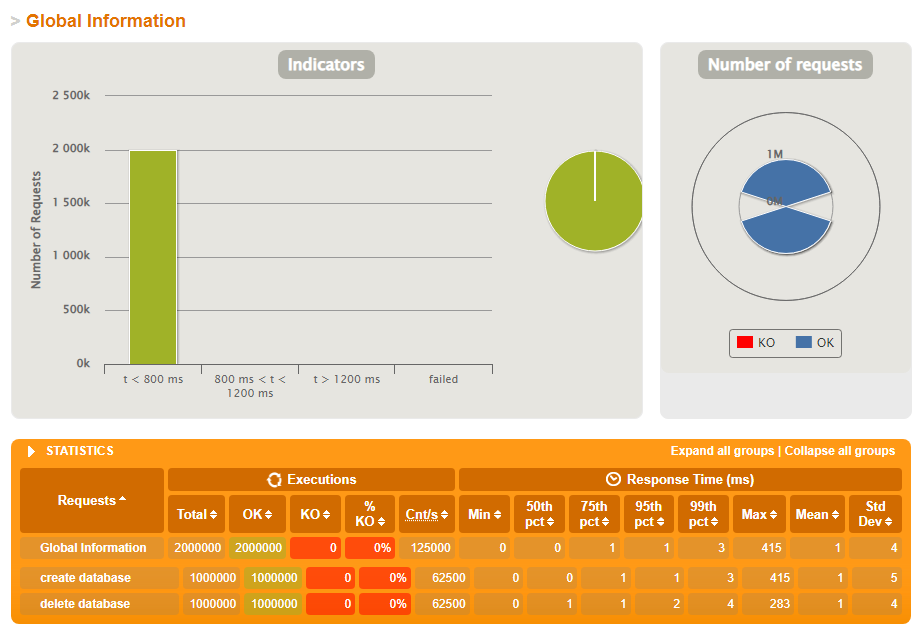


**Endurance:**

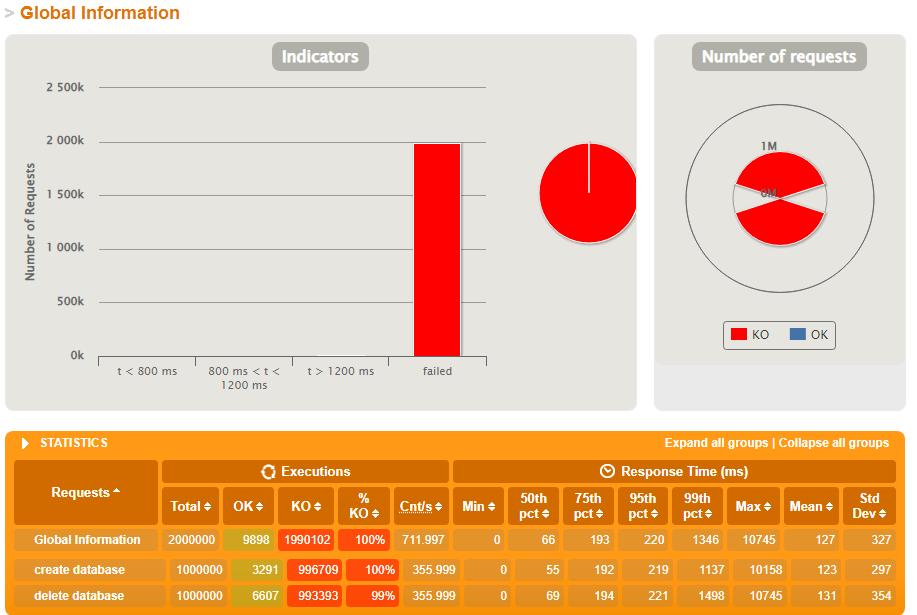
Extended Implementation:



Simple Implementation:



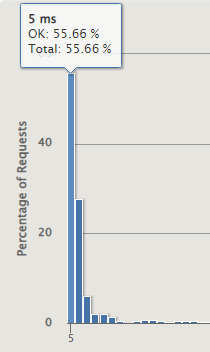
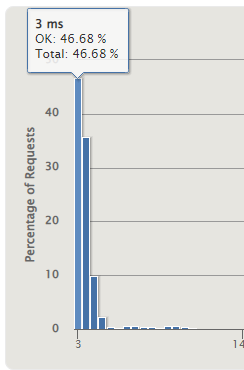
Slick:



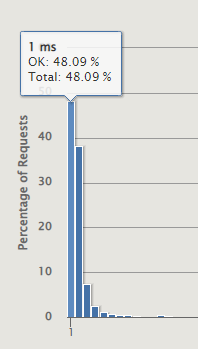
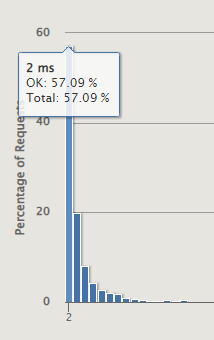
**Endurance Small:**

****

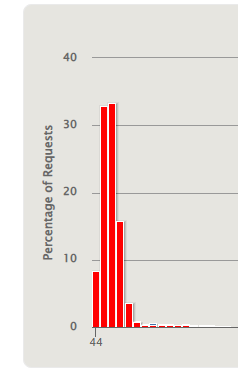
Extended Implementation:

 **Ohne Print:** 

Simple Implementation:

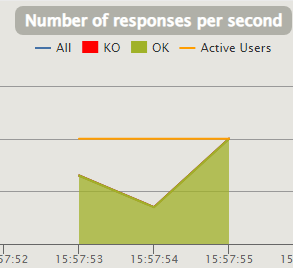
 **Ohne Print:** 

Slick:

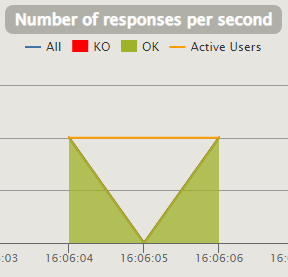


**Load:**

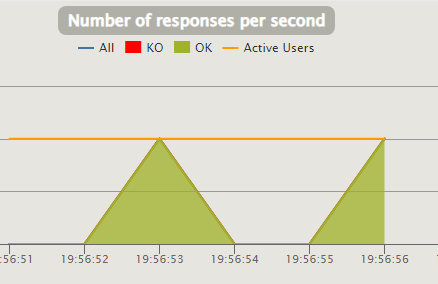
Extended Implementation:



Simple Implementation:

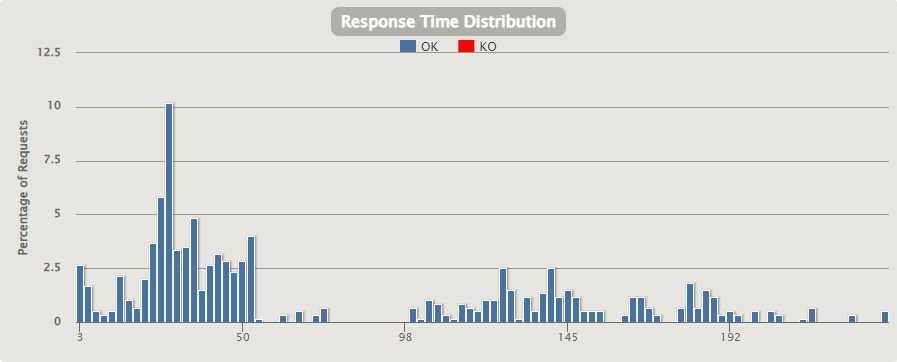


Slick: (Mongo antwortet viel schneller, Slick bearbeitet erst noch)

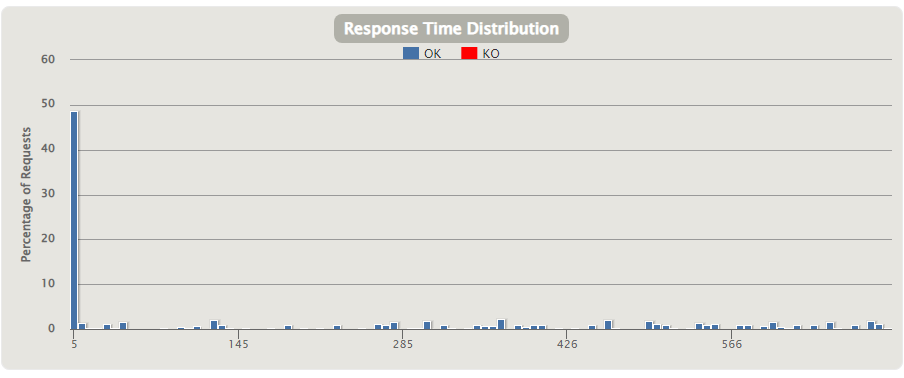


**Spike Mini:**

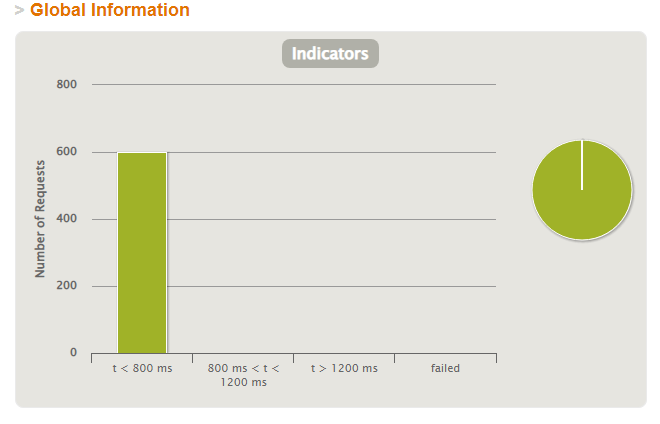
Extended Implementation:



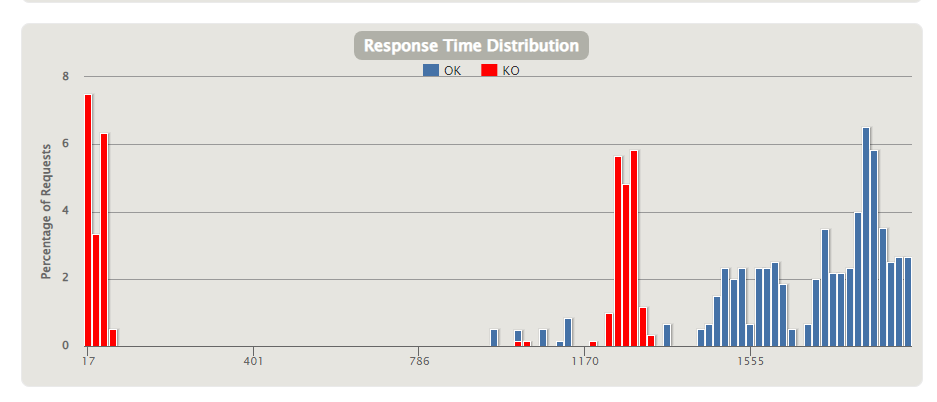
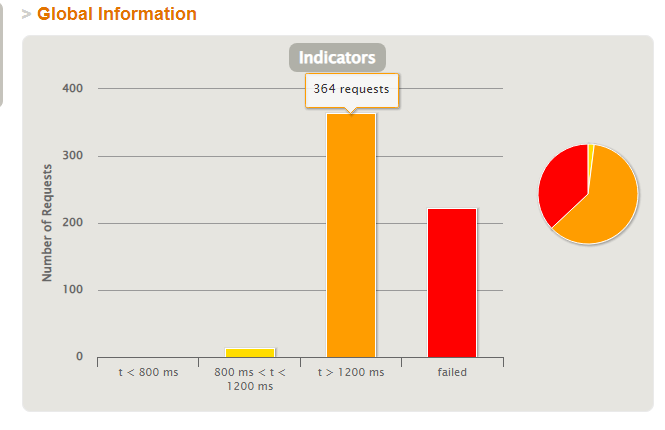
Simple Implementation:



Beide:

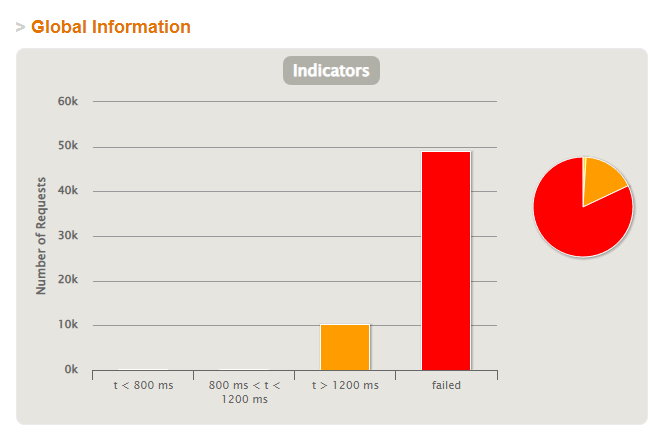


Slick:

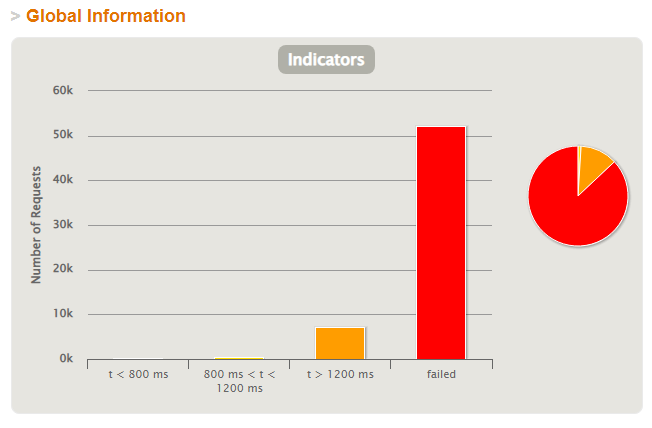
 

**Spike:**

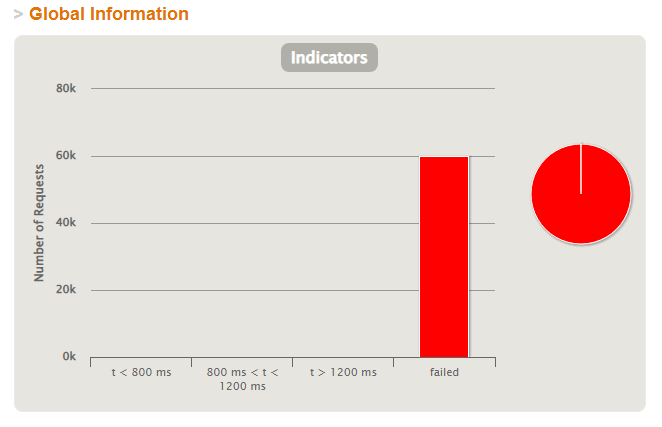
Extended Implementation:



Simple Implementation:

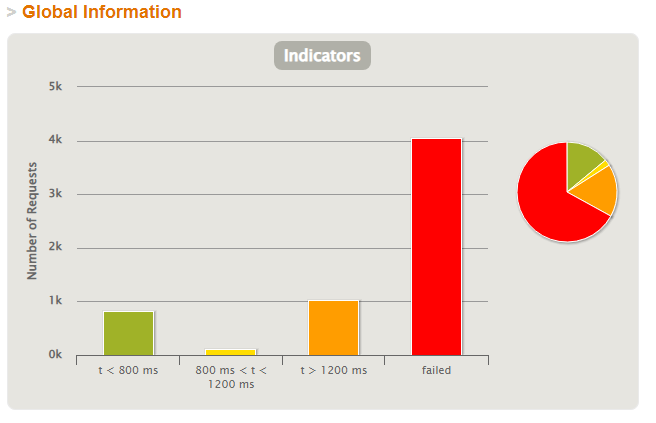


Slick:

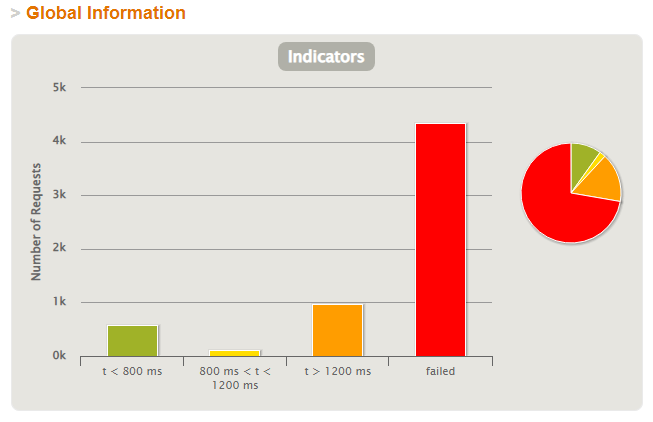


**Spike Small:**

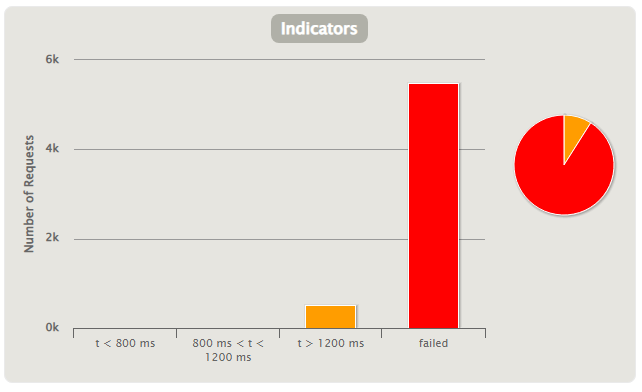
Extended Implementation:



Simple Implementation:

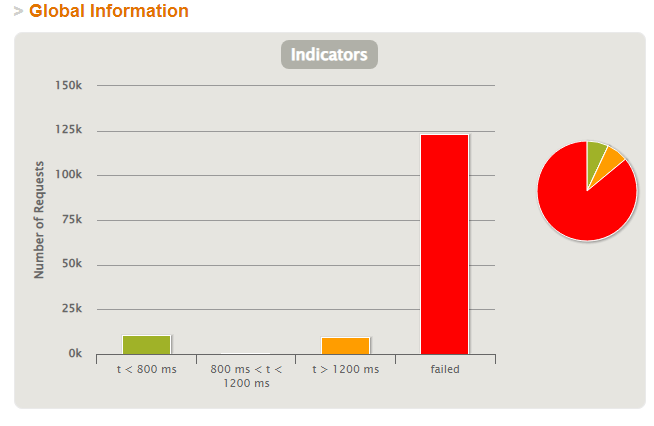


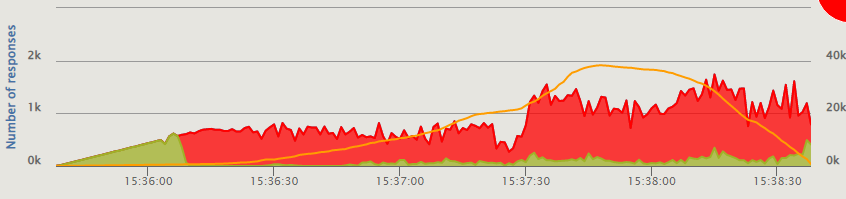
Slick:



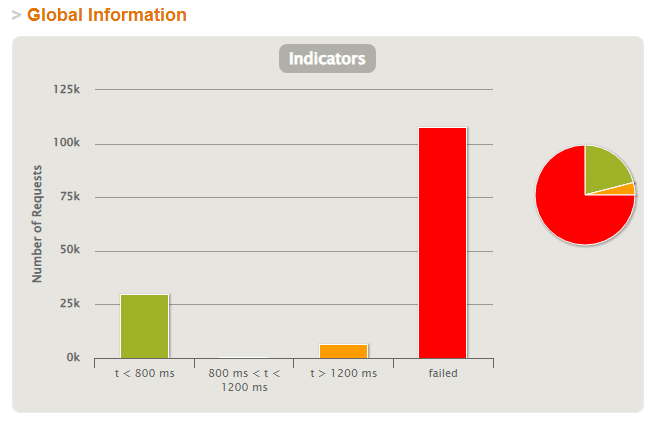
**Stress:**

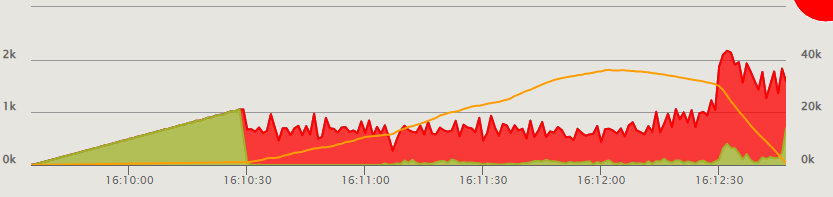
Extended Implementation:



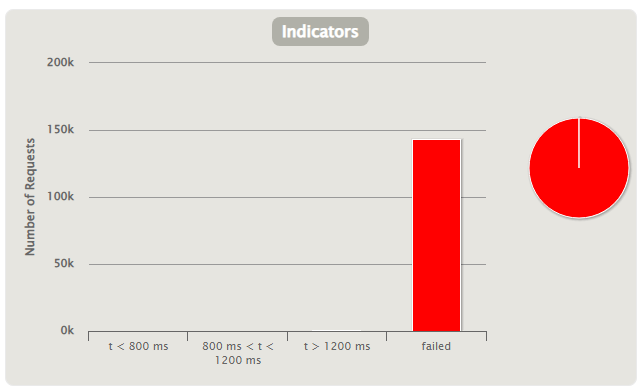
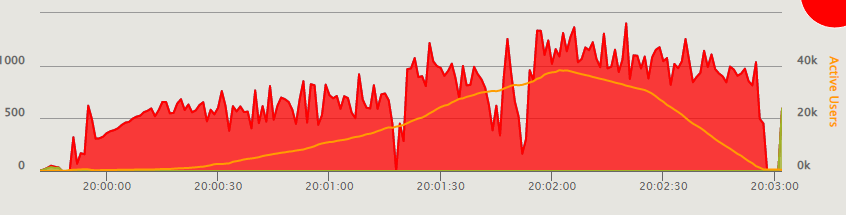


Simple Implementation:





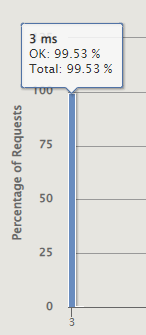
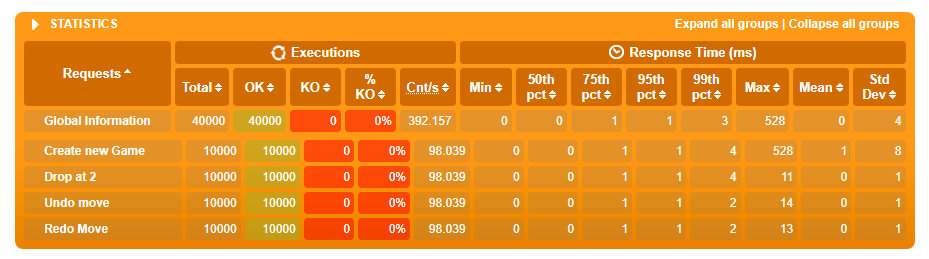
Slick:

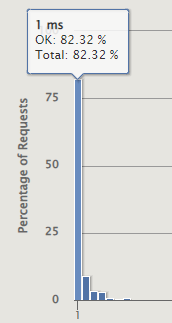
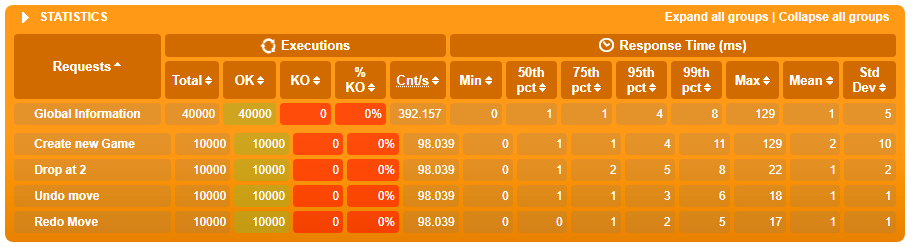
**Rest TUI:**

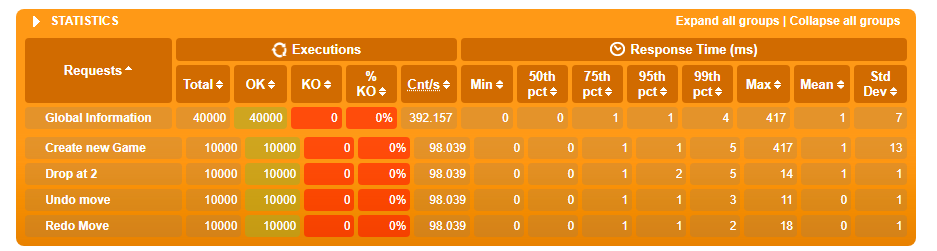
**Endurance:**

Pre-Fix



After-Fix



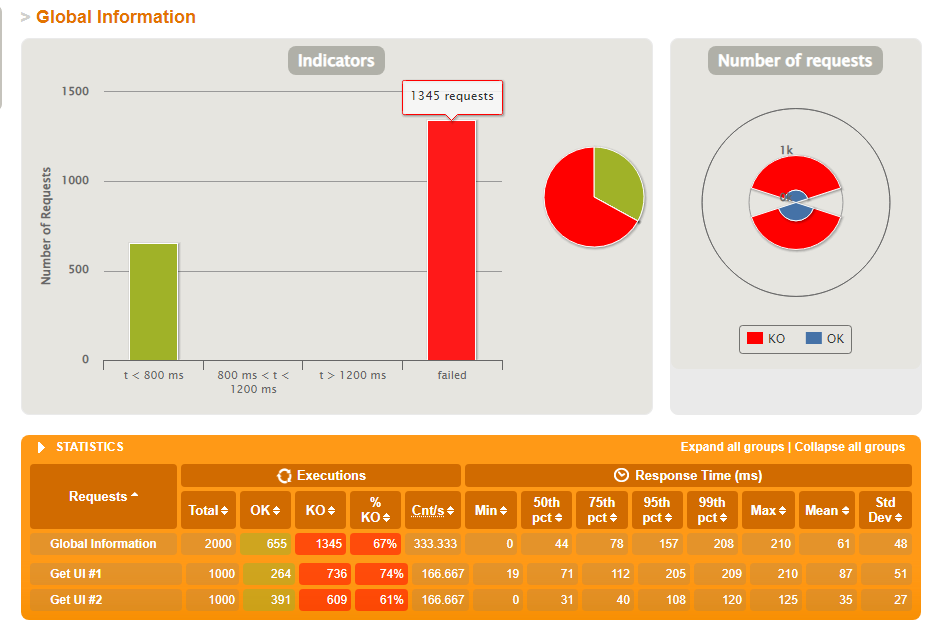
Ein Bild, das Text, draußen, Screenshot enthält.

Automatisch generierte Beschreibung

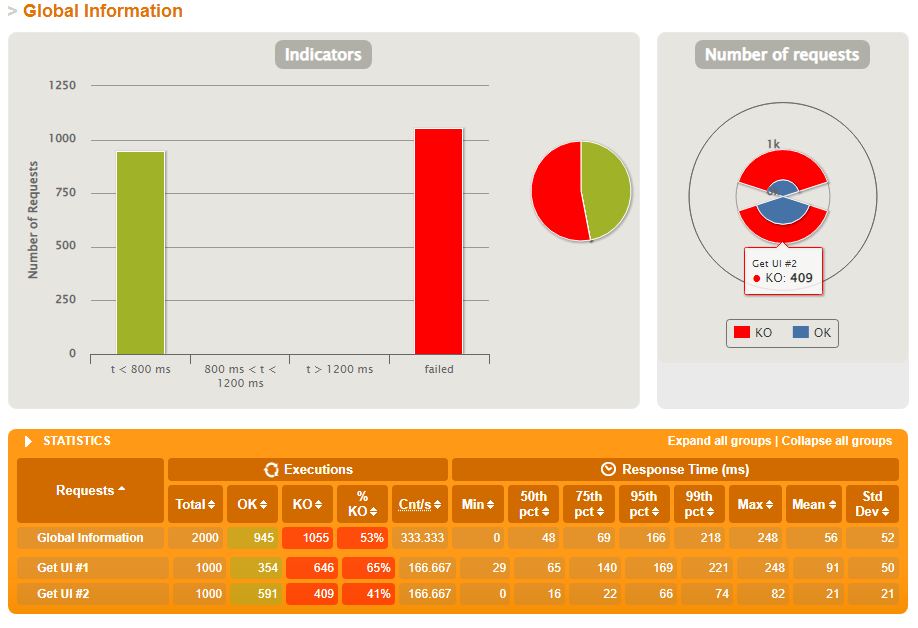
Respone Time wurde viel schneller. Von 3ms zu 1-2ms. (Im Dokument sichtbar)

**Load:**

Pre-Fix

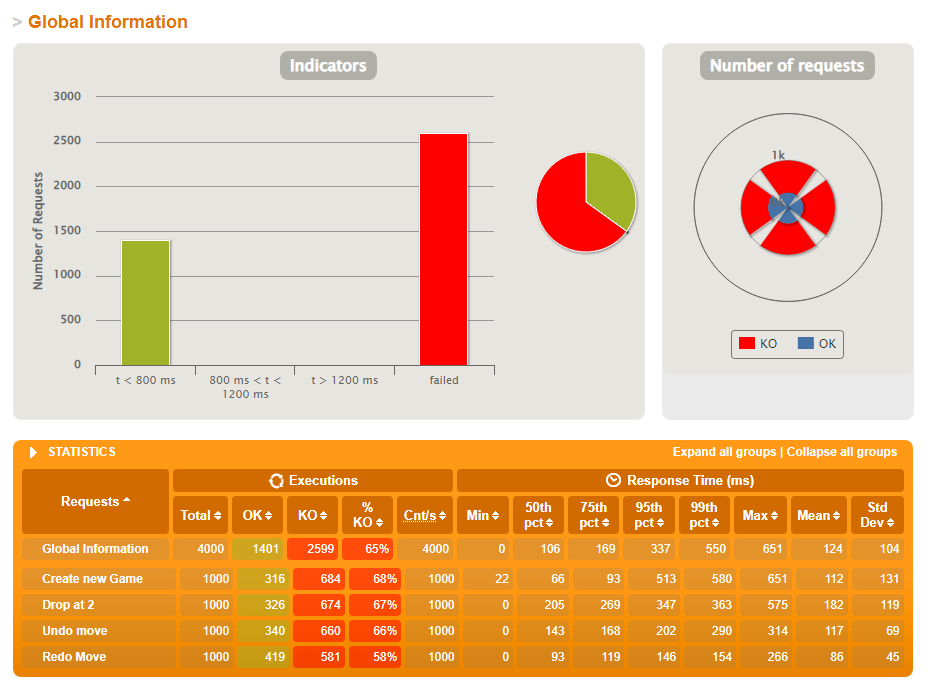


After-Fix

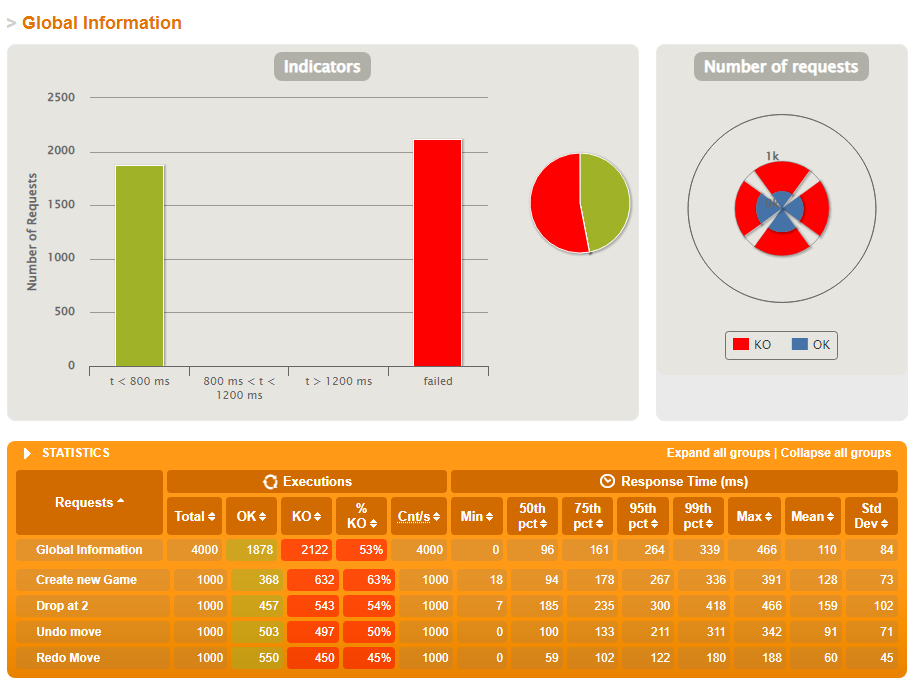


**Stress:**

Pre-Fix

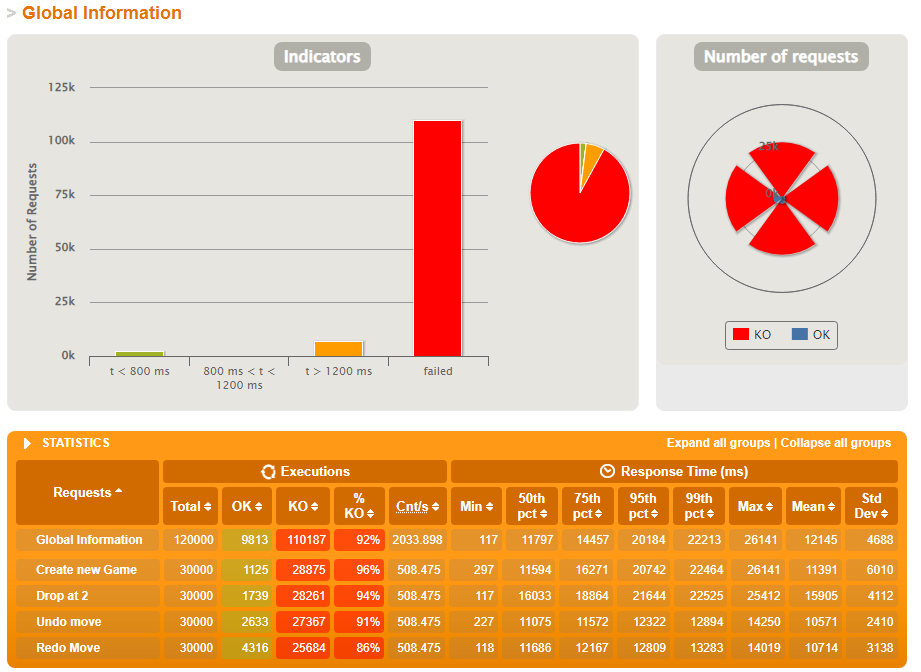


After-Fix

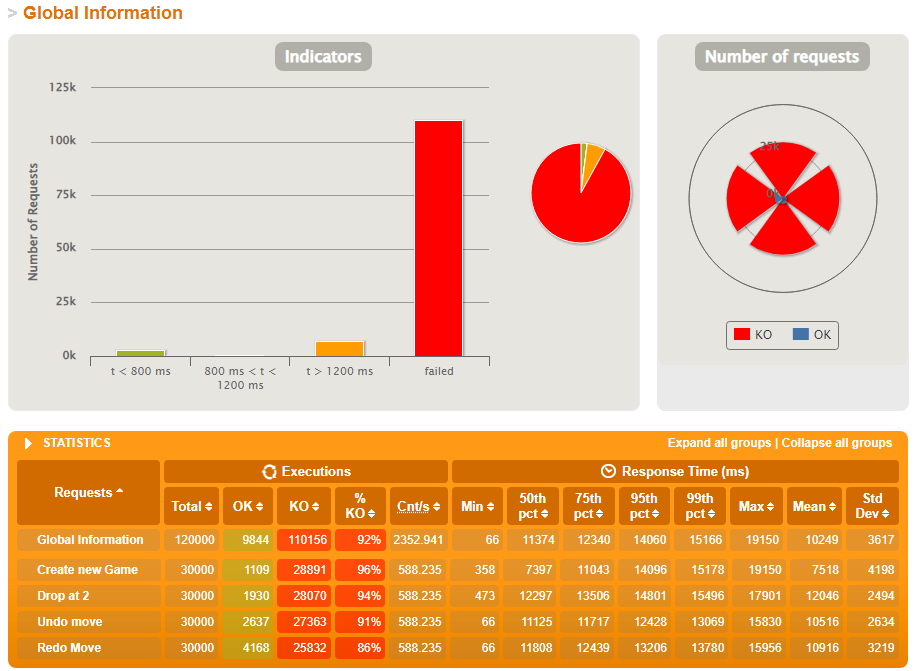


**Spike:**

Pre-Fix

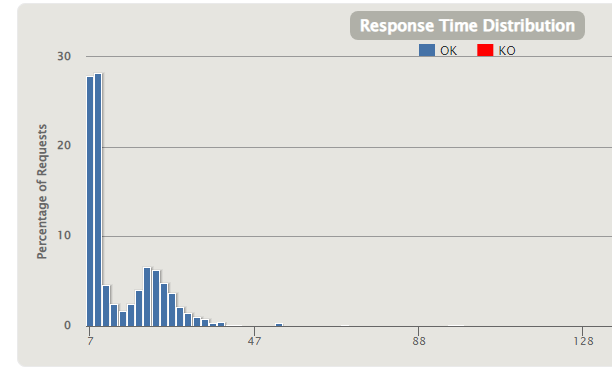


After-Fix

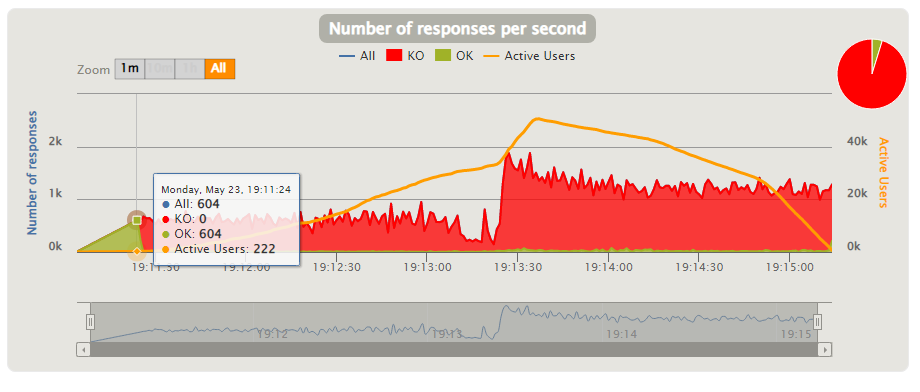


**DB Slick:**

**Load:**



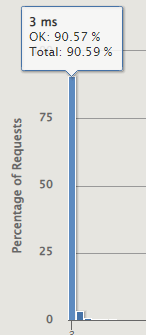
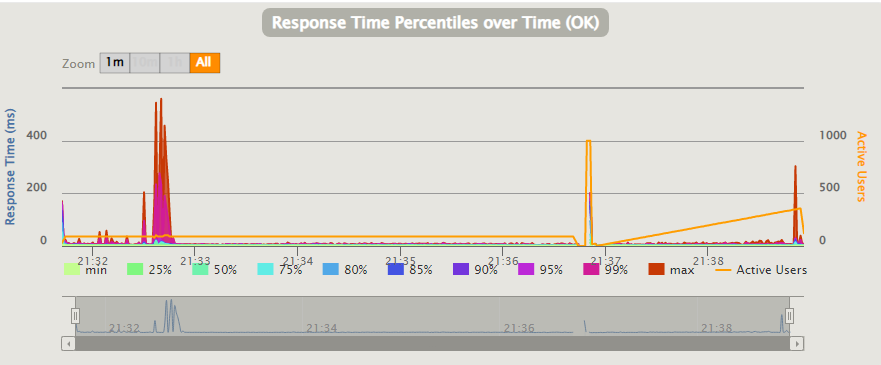
**Stress:**



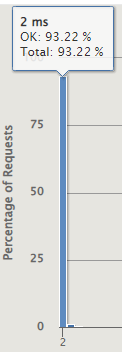
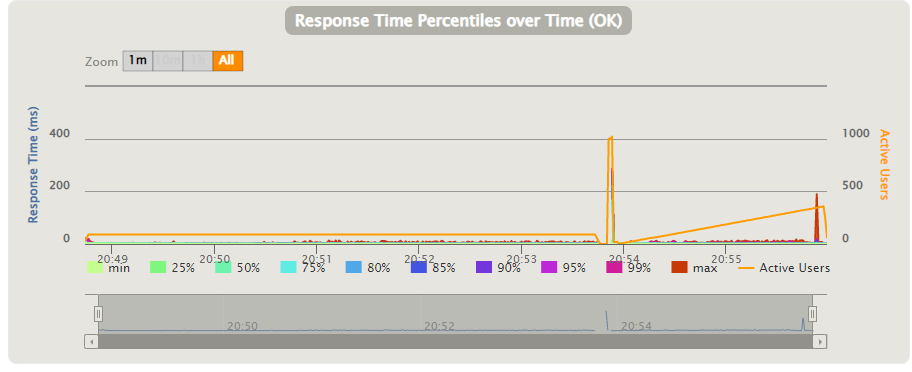
**DAO Save LOAD:**

**Mongo Simple:**

Pre:

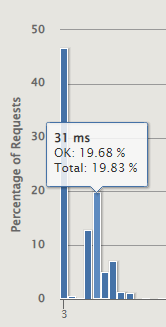
 

Future:

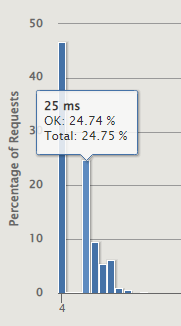
 

**Mongo Extended:**

Pre:

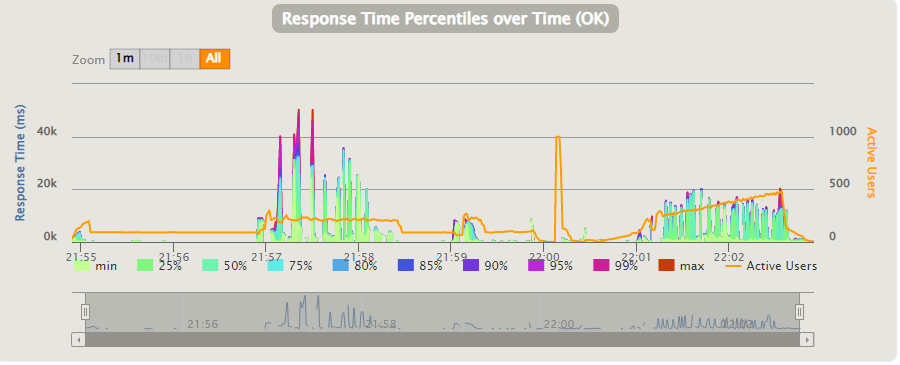


Future:



**Slick:**

Pre:



Future:

