Platform metrics

Performance indicators

Tested on a standard AWS small server

Setup

- Topology: Seperate frontend / database server
- Hardware: 4 Core CPU, 2 Gb RAM
- Software: Windows, MySQL, Tomcat
- Usecases: login, list, item, update, export

Results

- Frontend server: Average 80% CPU
- Database server: N/A
- Page throughput: 63 requests/second
- Size throughput: 421 kB/second

Results are equivilant to 500+ concurrent users

High volume tolerance

Setup

- 100.000 records, 5 columns each
- 20 mB export CSV file size

Results

- <2 second reponse
- <300 mB heap size spike
- <1% garbage collection

Codebase metrics

Project metrics for source version 2489

- Java codebase: 536.529 lines
- Other sources: 161.647 lines
- Designer pages: 507
- Engine classes: 838
- Dependent libs: 90

Codebase development over time

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