Beagle

Quality Control Report

Annika Berger, Joshua Gleitze, Roman Langrehr,
Christoph Michelbach, Ansgar Spiegler, Michael Vogt

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Reviewer:	Jun.-Prof. Dr.-Ing. Anne Koziolek
Advisor:	M.Sc. Axel Busch
Second advisor:	M.Sc. Michael Langhammer

Karlsruher Institut für Technologie
Fakultät für Informatik
Postfach 6980
76128 Karlsruhe

1 Tests

1.1 JUnit Tests

1.2 Integration Tests

1.3 Tests Defined in SRS

All mandatory tests defined in the SRS (/T10/ – /T60/) are tested either automatically using JUnit or manually.

1.3.1 T200

1.3.2 T210

1.3.3 T220

1.3.4 OT200

2 Bugs

Contains all Bugs found and/ or fixed in the Quality Control Phase.
Reports should contain at least Symptom, Reason and a description of the fix.

3 Additional Features

3.1 Adaptive Timeout

Implementing an adaptive timeout was mistakenly changed to be a madatory feature at the end of the design phase. This error was corrected in the first official meeting of the implementation phase so it was an optional feature as intended and was not implemented during the implementation phase. However, we consider an adaptive timeout a valuable extension of Beagle's original features because it allows evaluation to a reasonable degree of accuracy devoid of excessive CPU time consumption without the user being required to be able to estimate the required time (confer constant timeout).

An adaptive timeout based on linear regression was implemented first but later having the adaptive timeout based on the ageing algorithm was consistently agreed upon to make better predictions and to be better fitted for practice. Thus, Beagle now features an adaptive timeout based on the ageing algorithm.