



Location-based scheduler

First results

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Comparison

Current scheduler (no data sets information) x Location-based scheduler

- To check the different behaviors between the current scheduler and the new one.
- Also, to check the different behaviors as we change the data sets in the QBoxes, using the new scheduler.

Current scheduler

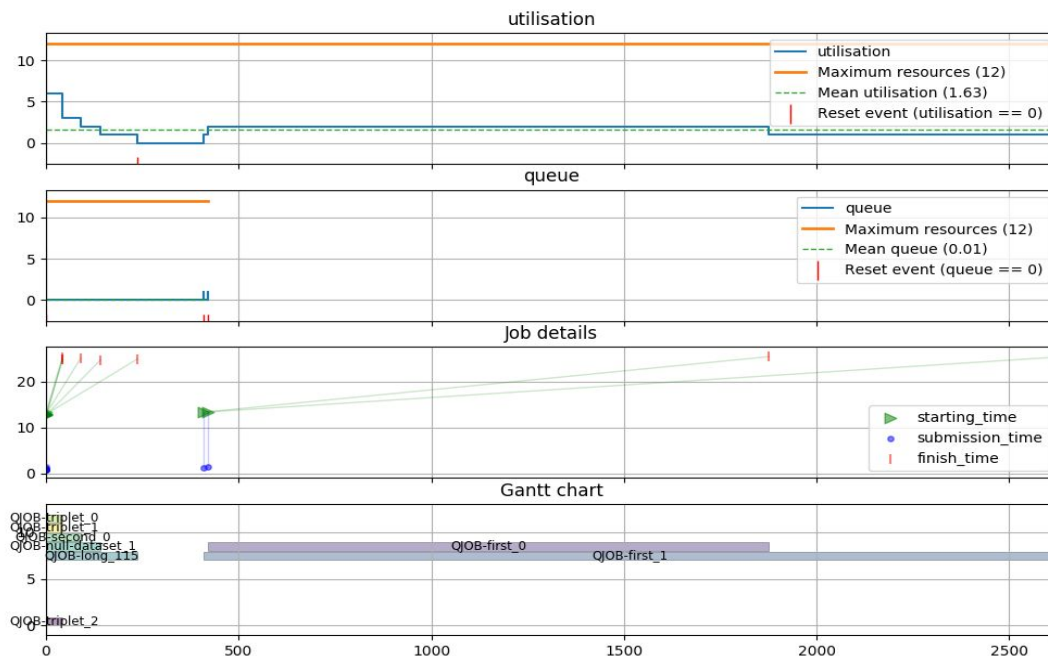
No data sets

Workload: 8 Jobs

- 2 QJOB_first(s)
- 1 QJOB_second
- 3 QJOB_triplet(s)
- 1 QJOB_null_dataset
- 1 QJOB_long

QBoxes: 2

- 5 and 7 QMobos



QJOBS with the same name use the same data set.

Location-based scheduler

Added:
q2: first, second

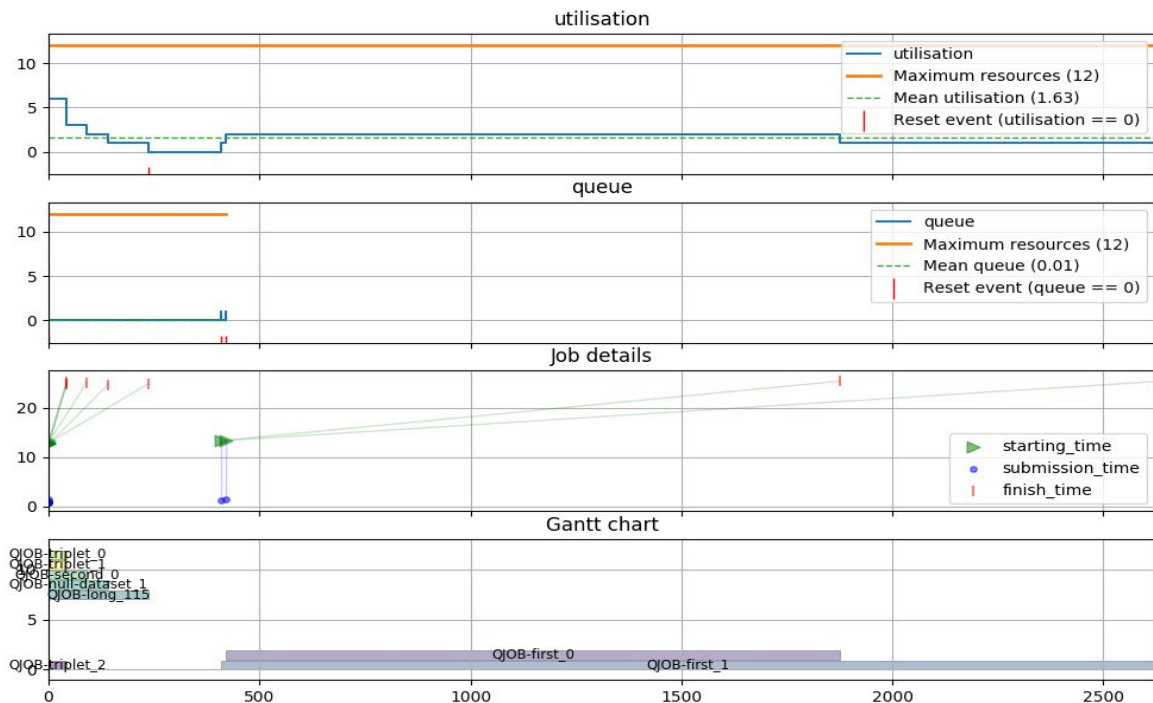
Workload: 8 Jobs

- 2 QJOB_first(s)
- 1 QJOB_second
- 3 QJOB_triplet(s)
- 1 QJOB_null_dataset
- 1 QJOB_long

QBoxes: 2

- 5 and 7 QMobos

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Location-based scheduler

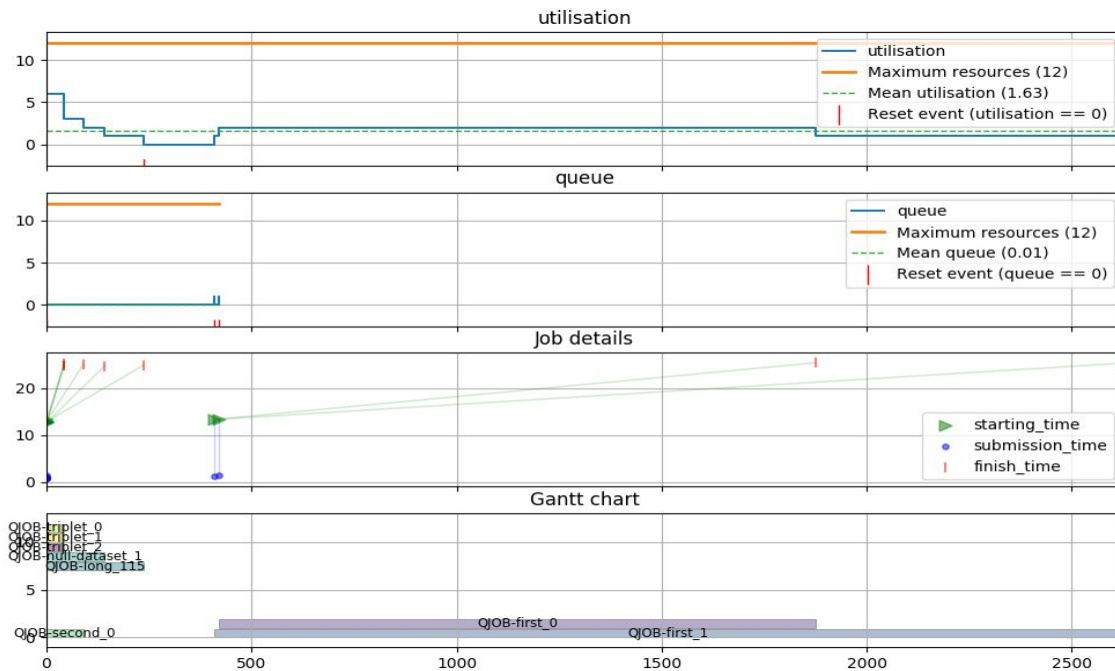
Added:
q2: first, second

Workload: 8 Jobs

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- 1 QJOB_null_dataset
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QBoxes: 2

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Location-based scheduler

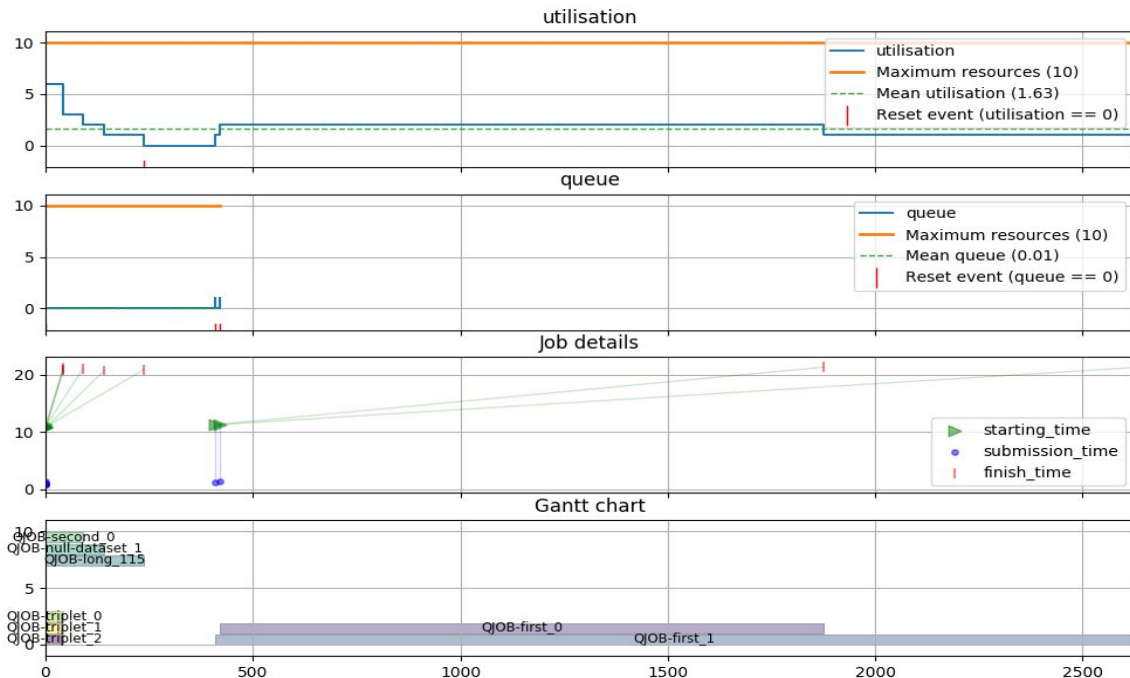
Added:
q2: first, triplet

Workload: 8 Jobs

- 2 QJOB_first(s)
- 1 QJOB_second
- 3 QJOB_triplet(s)
- 1 QJOB_null_dataset
- 1 QJOB_long

QBoxes: 2

- 5 and 7 QMobos



QJOBS with the same name use the same data set.

Location-based scheduler

Added:
q1: first

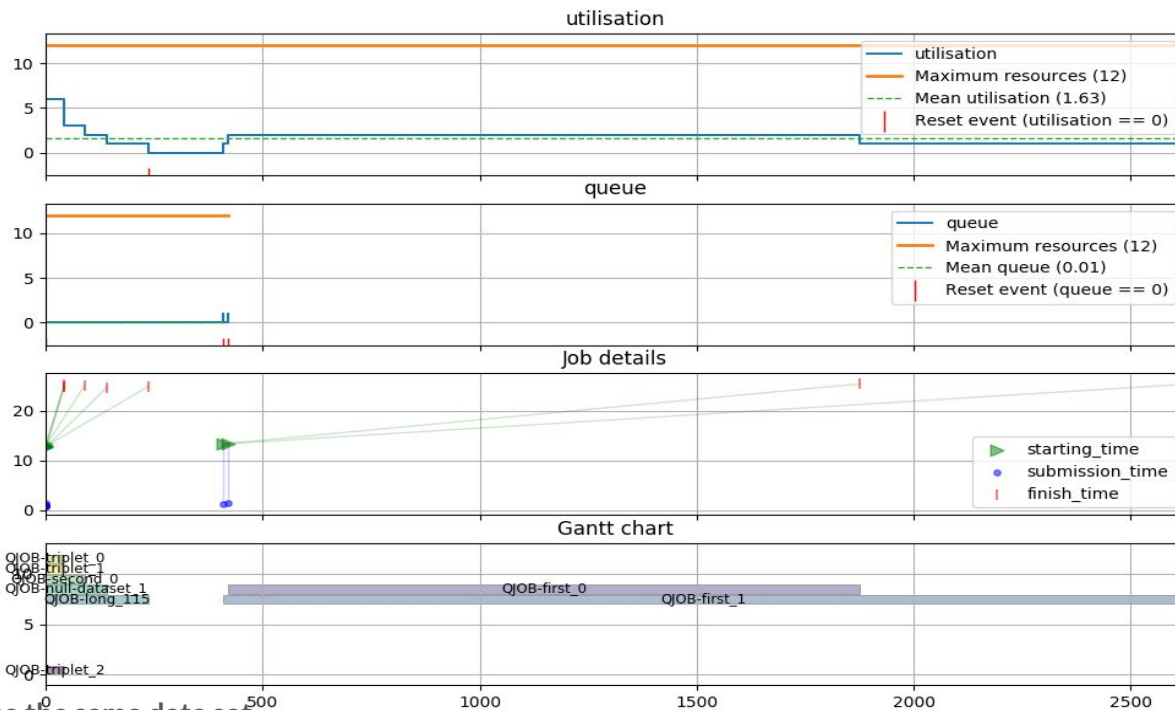
Workload: 8 Jobs

- 2 QJOB_first(s)
- 1 QJOB_second
- 3 QJOB_triplet(s)
- 1 QJOB_null_dataset
- 1 QJOB_long

QBoxes: 2

- 5 and 7 QMobos

QJOBS with the same name use the same data set.



Location-based scheduler

Added:

q1: first,second

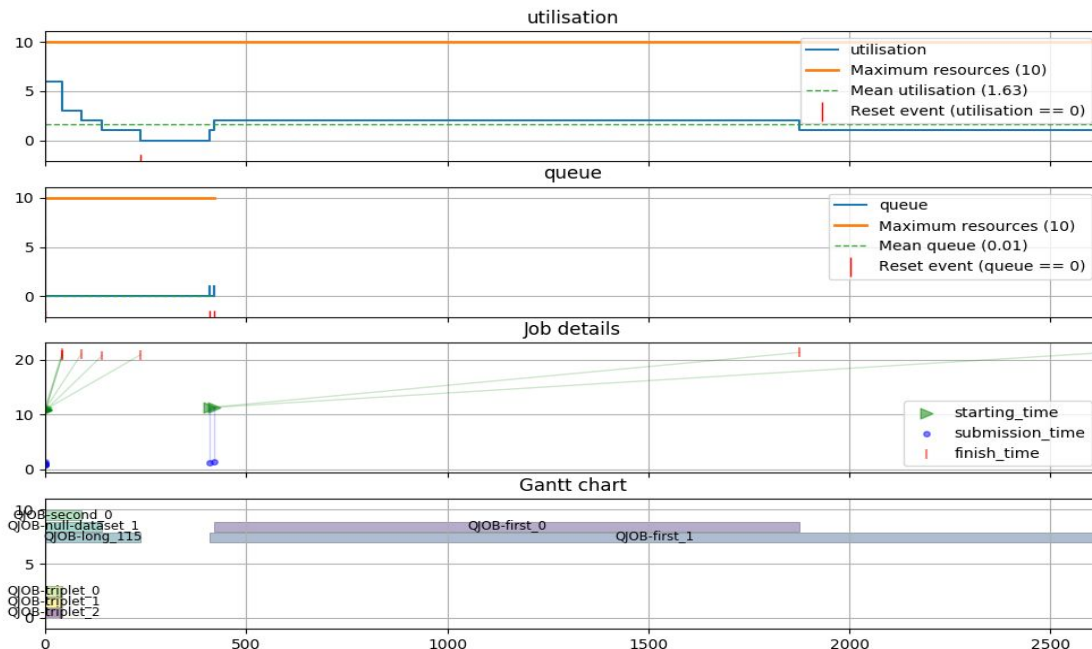
q2: triplet

Workload: 8 Jobs

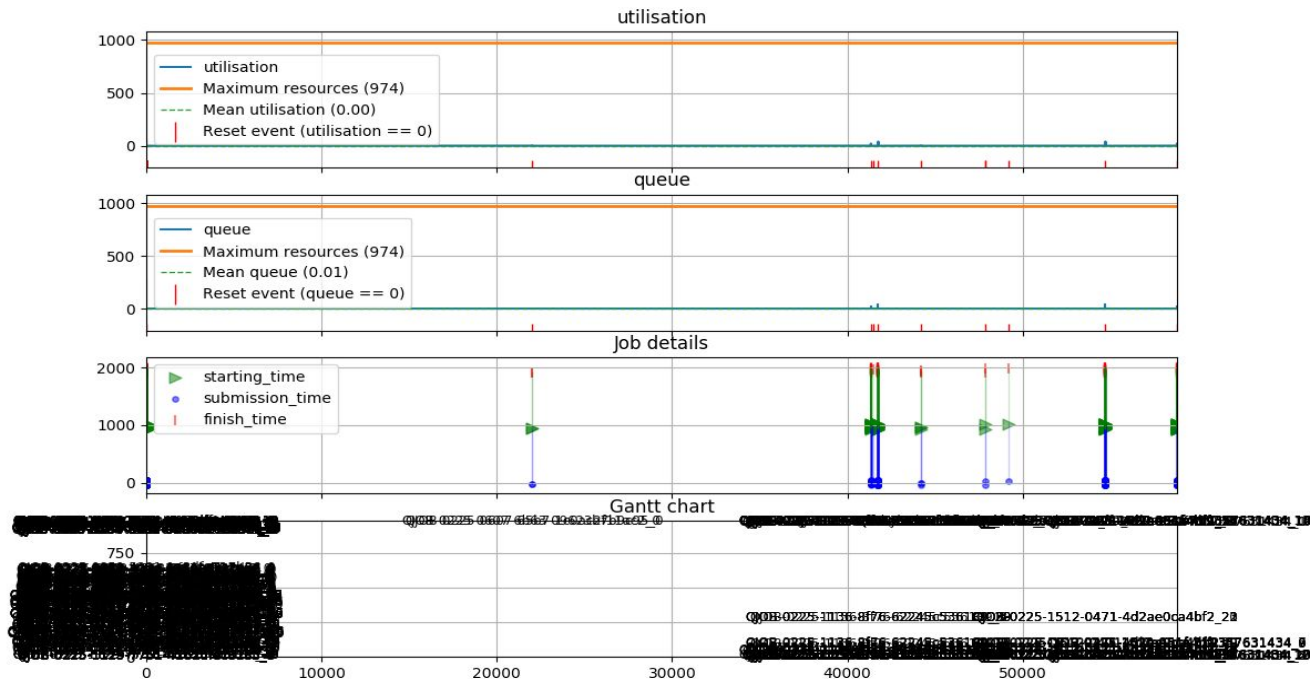
- 2 QJOB_first(s)
- 1 QJOB_second
- 3 QJOB_triplet(s)
- 1 QJOB_null_dataset
- 1 QJOB_long

QBoxes: 2

- 5 and 7 QMobos



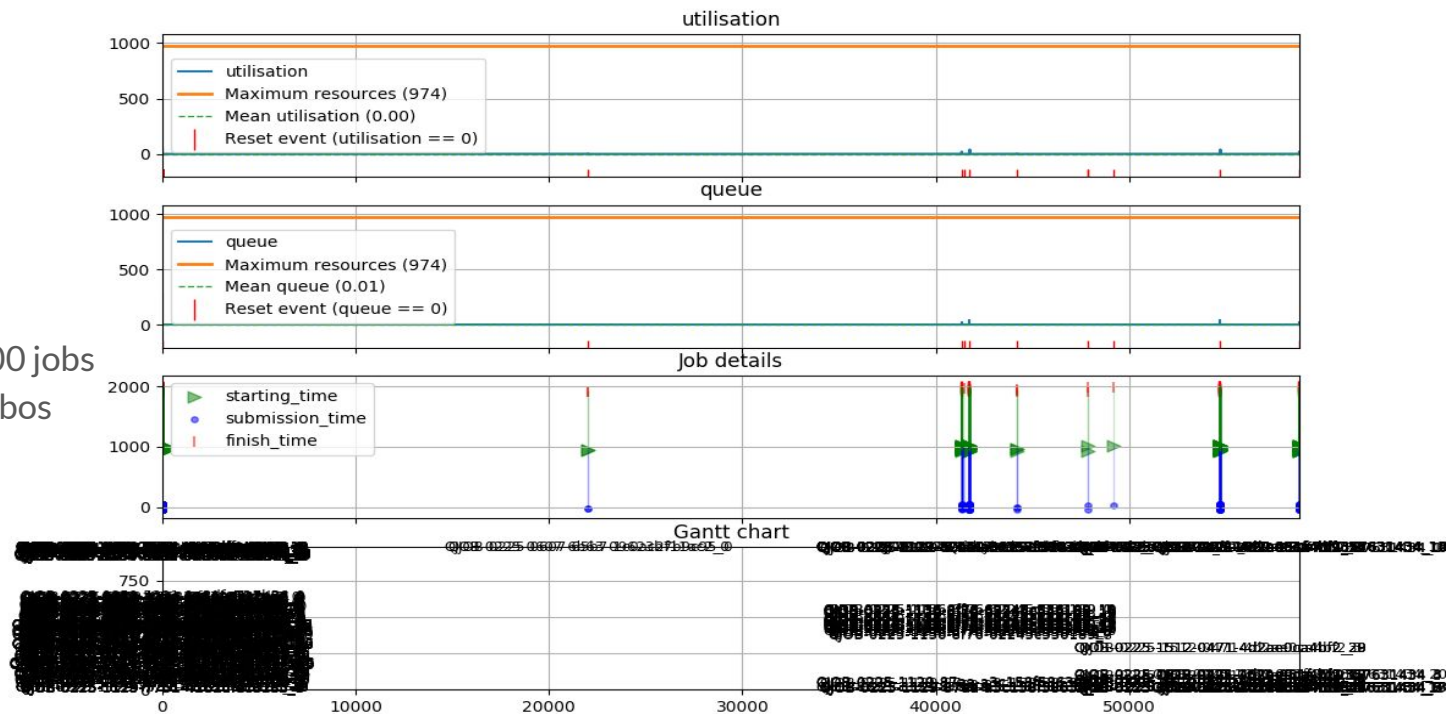
QJOBS with the same name use the same data set.



Current scheduler

Added
qx: one

Workload: About 400 jobs
QBoxes: 1000 QMobos



Current scheduler

Added:
qx: one
qy: two

Workload: About 400 jobs
QBoxes: 1000 QMobos

