

Max 1 queued job

No more than 1 job should be placed in the dispatch queue at a time

Issues: [NARC-11](#)

The number of [HarvestJobs](#) queue for processing should be minimized at a given time for the following reasons:

- When the HarvestJobManager is restarted, all queue jobs are resubmitted which will cause duplicate processing of the [HarvestJobs](#)
- Modifying HarvestDefinitions will not have an effect on queue jobs.

Test specification

Create 4 selective harvest jobs

Create selective harvest and add domain	Domain	agilos.org
Create selective harvest and add domain	Domain	mikis.dk
Create selective harvest and add domain	Domain	agilis-software.dk
Create selective harvest	Domain	kb.dk

Activate all harvests

Because only 2 selective harvesters (high-priority) are available, only 2 of the jobs should be started initially. one of the remaining jobs should be queued, and the last one should remain in state 'New' until a harvest finishes and the queue job is

Verify jobs are created	JobIDs	1,2,3,4
Verify jobs started	Number of jobs	2
Verify jobs submitted	Number of jobs	1
Verify jobs new	Number of jobs	1

Wait for the first job is done (with 5 minutes timeout)

Wait for next done job	Timeout	300
Verify jobs started	Number	2
Verify jobs submitted	Number	1
Verify jobs new	Number	0