

## EDIT - feature request #5177

### improve performance of TransmissionEngineDistribution

09/01/2015 12:21 PM - Andreas Kohlbecker

|   |                    |                        |           |
|---|--------------------|------------------------|-----------|
| <b>Status:</b>  | Closed             | <b>Start date:</b>     |           |
| <b>Priority:</b>  | New                | <b>Due date:</b>       |           |
| <b>Assignee:</b>  | Andreas Kohlbecker | <b>% Done:</b>         | 100%      |
| <b>Category:</b>  | cdmlib             | <b>Estimated time:</b> | 0:00 hour |
| <b>Target version:</b>  | Release 4.2        |                        |           |
| <b>Severity:</b>  | normal             |                        |           |
| <b>Description</b>  |                    |                        |           |
| improve performance of TransmissionEngineDistribution   |                    |                        |           |
| <b>Related issues:</b>  |                    |                        |           |
| Related to EDIT - bug #8312: Test, fix, improve and run Transmission engine f... <span style="float: right;"><b>Closed</b></span> |                    |                        |           |

#### History

##### #1 - 09/01/2015 12:22 PM - Andreas Kohlbecker

- Keywords set to *TransmissionEngineDistribution*

##### #2 - 09/01/2015 01:00 PM - Andreas Kohlbecker

Duration of the test in *TransmissionEngineDistributionTest* run on my T400:

- eu.etaxonomy.cdm.api.service.TransmissionEngineDistributionTest 66.661s
  - testArea\_rank\_and\_area 62.322s - this duration includes the test setup!
  - test\_ignore 1.743s
  - testPriorities 0.31s
  - testArea\_area 2.286s

##### #3 - 09/01/2015 03:02 PM - Andreas Kohlbecker

b63ae2e out-commented code snipped to enable sql logging for performance debugging

##### #4 - 09/11/2015 01:57 PM - Andreas Kohlbecker

- Target version deleted (*Release 3.8*)

moving unresolved tickets to next milestone after release of 3.8.0

##### #5 - 09/29/2015 02:41 PM - Andreas Kohlbecker

all commits currently only in local branch [TransmissionEngine-speedup](#):

- 79c867e fixing bugs related to the rank intervall in the *TransmissionEngineDistribution*
- 2c8c504 solving multiple problems in *TransmissionEngine* - avoiding LIE by fetching the parentAreas for each batch - skipping taxa not in specified rank interval
- 215306d performance improvement - avoiding cast - avoiding sorting the list of taxa
- 830f3fa performance logging
- 7536e61 attempt to reduce the overhead imposed by database access
- 74027ad bug fixes regarding performance measuring
- 32e1615 more detailed measuring time of accumulation in *TransmissionEngineDistribution* for performance testing
- cece48b measuring time of accumulation in *TransmissionEngineDistribution* for performance testing

##### #6 - 09/29/2015 02:44 PM - Andreas Kohlbecker

- Status changed from New to In Progress

**#7 - 12/18/2015 12:23 PM - Andreas Müller**

- Target version deleted (Release 3.12)

**#8 - 05/02/2016 03:12 PM - Andreas Müller**

- Target version changed from Release 4.0 to Release 4.1

**#9 - 06/01/2016 01:23 PM - Andreas Müller**

- Target version changed from Release 4.1 to Release 4.2

**#10 - 06/29/2016 04:05 PM - Andreas Kohlbecker**

- Status changed from In Progress to Closed

- Resolution set to fixed

- % Done set to 100

local branch TransmissionEngine-speedup rebased on develop

**#11 - 05/10/2017 01:39 PM - Andreas Kohlbecker**

- Private changed from Yes to No

**#12 - 05/28/2019 02:42 PM - Andreas Müller**

- Related to bug #8312: Test, fix, improve and run Transmission engine for E+M added