

Database trends

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Database Trends Analysis page

The Delft-FEWS master-controller database is designed to always contain the latest data. New records can be imported into the database frequently while the Rolling Barrel will remove older data regularly based on the expiry time. Some configurations may cause the database to contain more data than necessary. The Database Trends page aims to provide insight in the trends of the byte size / amount of records (rows) present in the master-controller database. The overviews over here do not show all tables, only tables with an **expiryTime** and a **localAvailableTime** are listed. The displayed information is generated on basis of the current contents of the database. Note that the displayed estimates in bytes are only summing up an estimate of the actual bytes of the records and not the overhead by the database or the indices on the database tables. The periods displayed are all in GMT. For instance, the record count **since midnight** only account for records since 0:00 GMT.

Custom period filter

This filter fields can be used to set a period for which to analyse the number of records / bytes. The result of this filter is shown in the **custom period** column of each table. A calendar will popup when clicking on the start and end date.

Custom Period

23/01/2019 14:22:45

31/01/2019 14:22:54

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Number of rows (records) added to the database

element	total	custom period	last year	last 6 m
All (*)	1336184	1336184	1336184	1336184
DeletedRows	891793	891793	891793	891793
SystemActivities	269583	269583	269583	269583
LogEntries	113745	113745	113745	113745
Tasks	17804	17804	17804	17804

Record count

This overview displays the amount of records (rows) with an expiry time stored in the listed tables of the master-controller database.

Number of rows (records) added to the database

element	total	custom period	last year	last 6 months	last 2 months	last month	last 2 Weeks	7 days ago	6 days ago	5 days ago	4 days ago	3 days ago	2 days ago	yesterday	since midnight
All (*)	1336184	1336184	1336184	1336184	161431	151708	148538	2729	2815	2852	2750	3174	1486	84804	57098
DeletedRows	891793	891793	891793	891793	9386	8798	8619	348	343	388	417	419	212	77	88
SystemActivities	269583	269583	269583	269583	36978	4644	4213	403	391	407	384	423	163	270	285
LogEntries	113745	113745	113745	113745	113745	113745	113745	0	0	0	0	0	0	80444	53301
Tasks	17804	17804	17804	17804	72	61	37	0	3	0	0	0	13	8	7
TimeSeries	12185	12185	12185	12185	12175	12175	11994	783	782	823	793	831	361	2848	2045
TaskRuns	7302	7302	7302	7302	4832	4783	4480	368	373	408	384	421	351	439	263
WorkflowFiles	5672	5672	5672	5672	0	0	0	0	0	0	0	0	0	0	0
ProcessedDeletedRows	5472	5472	5472	5472	3723	2380	1499	119	113	129	141	138	77	26	32
ArchiveMetaData	2099	2099	2099	2099	2099	2099	2099	226	200	233	211	247	68	159	155
TaskRunCompletions	2099	2099	2099	2099	2099	2099	2099	226	200	233	211	247	68	159	155
ModuleInstanceRuns	2081	2081	2081	2081	2081	2081	2081	224	198	231	209	245	68	157	154
ColdStates	948	948	948	948	0	0	0	0	0	0	0	0	0	0	0

Byte estimate

Estimates of bytes used up by rows (records)

Expiring records

Number of rows (records) expiring from the database

Expiring bytes

Estimates of bytes used up by rows (records) expiring from the database

[illegible]