



Event Index Core *(Hadoop & HBase)*

- Status
- EL Testing
- Graphical WS ...

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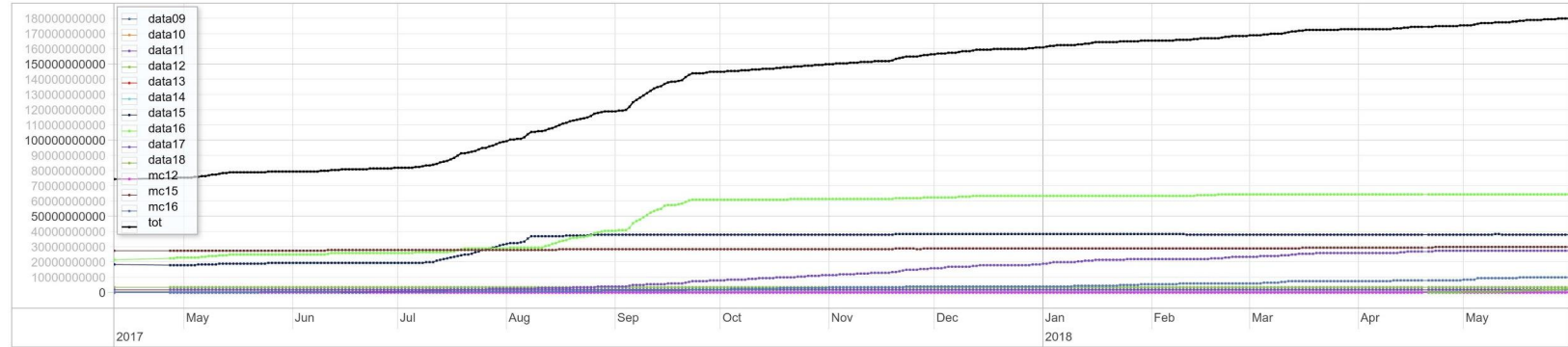
EI WS, 4-5 Jun 2018, Milano



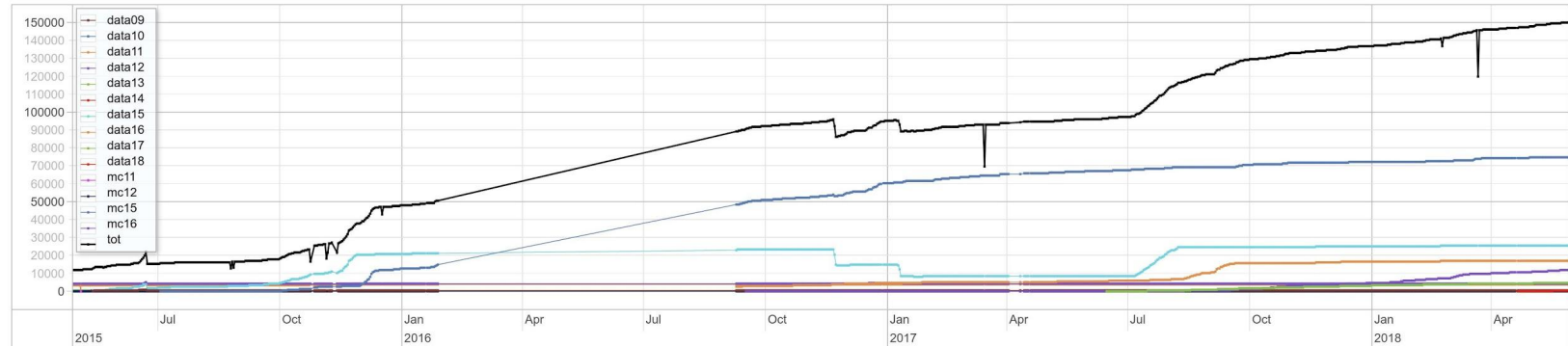
Import

Import statistics

Events (180307830628 @ 2018-06-01)



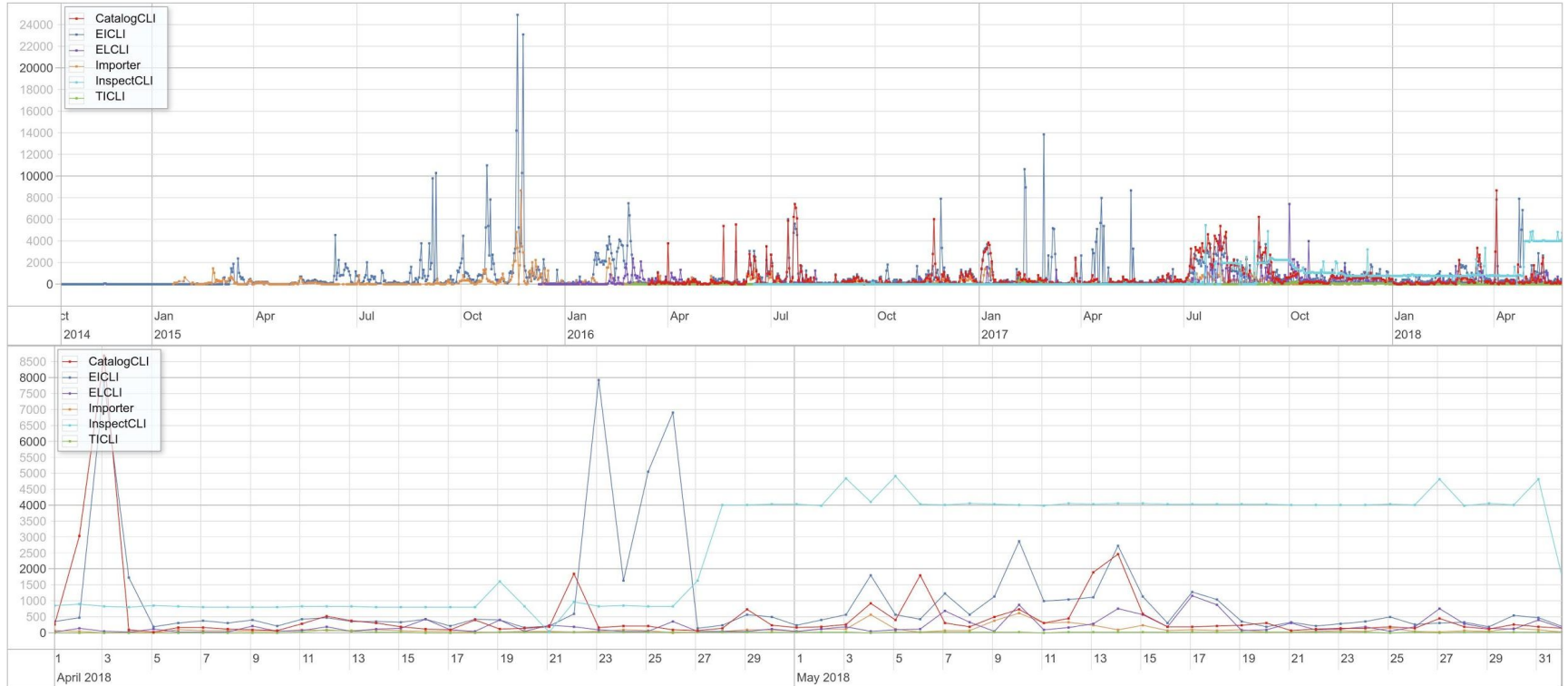
Datasets (150588 @ 2018-06-01)





Access

Daily Access statistics (2544974 @ 2018-06-01)



<https://atlas-event-index.cern.ch/EIHadoop/Accessed.jsp>



EL Testing

- Nightly (@2:00) testing all datasets imported (or modified) two days before.
- Testing on the hadoop server => no network or Web Service involved.
- Testing *indexer* & *simple* api.
- Errors mailed to *atlevind* with subject **ERROR: EL: <api> <run> <event>**
- All errors searchable in Journal (with complete log).

```
ERROR: EL: indexer 00350880 00266298862
Atlas Event Indexer 04.06.2018 14:38
From Atlas Event Index <atlevind@mail.cern.ch>
Subject: ERROR: EL: indexer 00350880 00266298862 04.06.2018 14:38
To Me <atlevind@cern.ch>
...
0 ERROR (Util.Init : 62) : Initialised, version: 1.25.0+ [15/May/2018 at 17:12:56 CEST by atlevind]
3 INFO (Util.Init : 63) : Catalog: atlas.atlevind.filesets.2, CEMA: atlas.atlevind.coma, Journal:
atlas.atlevind.log, Root: /user/atlevind, WS: a
286 INFO (Util.CLI : 10)
00350880 00266332482, -api, indexer]
1581 INFO (EventLookup.IndexerGuider : 6)
1610 INFO (EventLookup.IndexerGuider : 8)
2382 ERROR (EventLookup.IndexerWorker : 22)
00350880, empty record
2383 INFO (Apps.ELCLI : 17)
null null

0 guids found for 1 runs with 1 events, 1 guids
2480 INFO (Util.CLI : 5)
```



Event Index

- Global Help
- FAQ, Use Cases, Home, Import Statistics, Access Statistics
- Old Data-Centric View, New Data-Centric View, Interactive Portal (demo)
- Catalog
- Event Index (Expert Mode)
- Event Lookup
- Trigger Info
- TagFile Inspector
- Dataset Overlaps

Journal

start 00:04:15 02/Jun/2012
stop 01:04:15 05/Jun/2012
periodic refresh
action refresh
action result
comment
Search | Reset

actor Catalog (modifying)
 Event Index
 Event Lookup
 Trigger Info
 Inspector
 Importer
 *

rc 0 | 1
* | *

Entries of ELCLI with rc=-1 between 00:04:15 02/Jun/2012 and 01:04:15 05/Jun/2018:

actor	rs	time	timestamp	action	result	comment	id
ELCLI	-1	0	04:13:19.031 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	001.19.13.04@08.03.2016/tomcat
ELCLI	-1	0	05:24:56.035 22/Feb/2016	{-api=simple,-e=276262 366216946,276262 12241502... more		Request has failed: java.util.concurrent.Cancellat... more	002.56.24.05@22.02.2016/tomcat
ELCLI	-1	0	17:03:09.032 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	005.09.03.17@08.03.2016/tomcat
ELCLI	-1	0	09:23:17.043 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	013.17.23.09@08.03.2016/tomcat
ELCLI	-1	0	20:30:09.051 07/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	015.09.30.20@07.03.2016/tomcat
ELCLI	-1	0	00:55:33.039 14/Dec/2015	{}		016.33.55.00@14.12.2015/tomcat	
ELCLI	-1	0	09:20:06.050 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	017.06.20.09@08.03.2016/tomcat
ELCLI	-1	0	11:30:06.052 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	020.06.30.11@08.03.2016/tomcat
ELCLI	-1	0	17:30:19.985 23/Feb/2016	{-s=physics_Main,-api=rich,-e=00283270 100376419... more		Request has failed: java.lang.RuntimeException: ja... more	022.15.30.17@23.02.2016/tomcat
ELCLI	-1	0	16:00:07.050 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	030.07.00.16@08.03.2016/tomcat
ELCLI	-1	0	13:33:01.078 23/Feb/2016	{-api=simple,-e=276262 366216946,276262 12241502... more		Request has failed: java.lang.NullPointerException... more	033.01.33.13@23.02.2016/tomcat
ELCLI	-1	0	22:16:20.066 07/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	034.20.16.22@07.03.2016/tomcat
ELCLI	-1	0	14:10:01.062 14/Dec/2015	{}		038.01.10.14@14.12.2015/tomcat	
ELCLI	-1	0	17:00:06.067 08/Mar/2016	{-s=physics_Main,-api=rich,-e=00283270 054500880... more		Request has failed: java.util.concurrent.Cancellat... more	038.06.00.17@08.03.2016/tomcat



Info

The whole system runs (almost) automatically, very little human interaction is required.

Web Service: <https://atlas-event-index.cern.ch/EIHadoop>

Documentation & Distribution: <https://atlas-event-index.cern.ch/doc>

Frequently Asked Questions: <https://atlas-event-index.cern.ch/doc/faq>

Sources: `svn+ssh://svn.cern.ch/repos/atlasoff/Database/TAGHadoop/TagConvertor`

AFS: `/afs/cern.ch/project/jps/repos/atlas-eies/TagConvertor`

CVMFS: `$ lsetup eiclient`

EOS: `/eos/atlas/atlascerngroupdisk/proj-evind/Results`