





- Status
- TOverlap, TStat, DOverlap
- Web Service









- Emil has copied original secondary tables to analytix (thanks)
 - /user/atlevind/T0verlap: trigger overlaps
 - /user/atlevind/TStat: trigger statistics
 - /user/atlevind/D0verlap: dataset overlaps
- Accessible:
 - Directly from HDFS (as map files)
 - Via CLI in CERN as
 - curl 'http://aiatlas073.cern.ch/Atlascope.ReadHDFS.jsp'
 - Via WS everywhere as

https://atlas-event-index.cern.ch/Atlascope/ReadHDFS.jsp

- Can be used till new tables created (or even to fill the initial data in the new structure)
 - A lot of CPU needed to create especially TOverlaps









number of trigger overlap events - may be approximative

very expensive to re-create







selection of triggers (= arguments of creating ti command) - mostly @00



number of trigger events - exact

easy and fast to re-create







run number

number of overlap events (intersection) - exact

\$ curl 'http://aiatlas073.cern.ch/Atlascope/ReadHDFS.jsp?fn=/user/atlevind/D0verlap/EI18.1(00348835)

data18_13TeV.00348835.physics_Main.merge.AOD.f937_m1972-data18_13TeV.00348835.physics_Main.merge.AOD.f921_m1947: data18_13TeV.00348835.physics_Main.merge.AOD.f921_m1947-data18_13TeV.00348835.express_express.merge.AOD.f921_m1947: data18_13TeV.00348835.physics_Late.merge.AOD.f921_m1947-data18_13TeV.00348835.physics_Main.merge.AOD.f921_m1947: data18_13TeV.00348835.express_express_merge.AOD.f921_m1947-data18_13TeV.00348835.physics_Main.merge.AOD.f921_m1947: data18_13TeV.00348835.physics_CosmicCalo.merge.AOD.f921_m1947-none: 13549,99.96,100.00 1063,100.00,100.00 262,24.65,53.36 12,54.55,1.13 262,53.36,24.65

datasets parts in overlap [%] - rounded, but can be fixed from Phoenix database

quite easy to re-create







- &view=html to get view formatted for browser (example)
- &view=toverlap to get correlogram and Venn diagrams for TOverlap
- &view=doverlap to get correlogram and Venn diagrams for DOverlap (example)
- &view=doverlap&fix=true to get correlogram and Venn diagrams for DOverlap
 - and to correct dataset events from Phoenix (may be slow)
- A bit awkward for big tables (especially TOverlaps)





	<u>Status (2)</u>
>	Copied secondary tables are not perfect
	 They depend on mormation from Catalog, which doesn't exist any more But that dependency may be partly replaced with dependency on new database They are just a snapshot created when the system has been switched off
78	 That could be fixed by the system, which doesn't exist yet
	They can be used till new system is in place
\triangleright	Their content can be copied into new system as its initial content
\blacktriangleright	Maybe the logic (structure) can be re-used
	• The secondary data consist of small tables, so files in a filesystem may be a reasonable implementation

