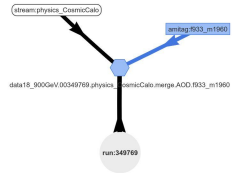




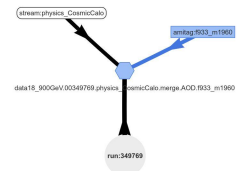
# *New Development (Phoenix+)*



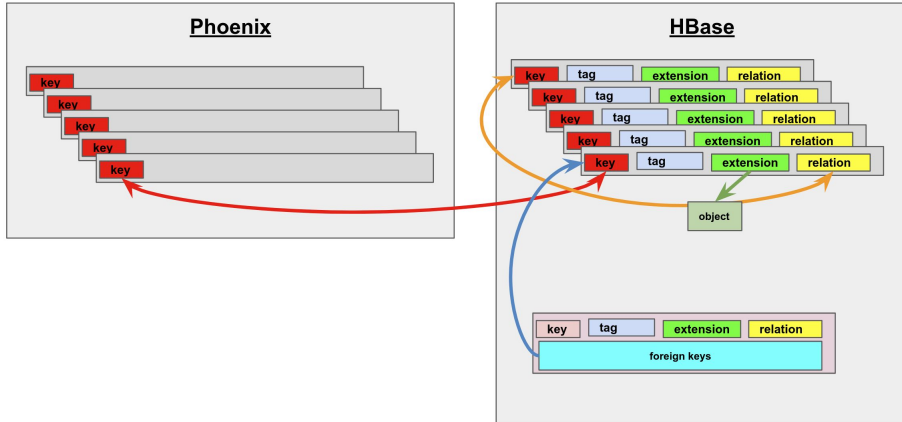
- Phoenix+
- AI/ANN/DL Project



# Phoenix+



- Prototype based on CERN Phoenix schema running
  - The same code base as EI Core (the same git rep)
  - Use:
    - \$ source setupNew.sh # instead of setup.sh
    - \$ antt # instead of just ant
- Are data with 'Valencia Phoenix' schema accessible somewhere ?
- [Slides from June](#)



### ATLAS Event Index

Problems or Questions? - Ask [admin:manage?](#)

ATLAS

data09\_T1A\_V

data18\_T1A\_V

data09\_300GeV

data18\_300GeV

data18\_W80T2

AML Tags

Streams

Individual Element Searches

Event: 510769

A - data09\_900GeV/140571.physics\_BPTX.merge.AOD.FE175\_m271

B - data09\_900GeV/140571.physics\_BPTX.merge.AOD.FE175\_m271

A 325420028

B 218459480

A\*B 413261848

A^B 129499029 (29.16%)

A~A^B 216846999 (62.96%)

B~A^B 57939421 (42.19%)

Download | Refresh | Describe

View

Customize the interactions with the graph.

Cluster by group type | Cluster by group size | Expand all clusters

# Live | remove old

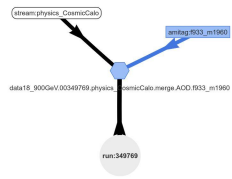
# floor

--- operation feedback ---

Loading Run: 140571



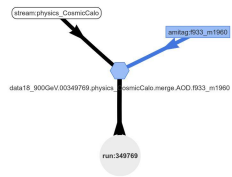
# *AI/ANN/DL Project*



- Using Artificial Intelligence with EI data under discussion in LAL
  - Trigger overlaps of higher order (three and more triggers)
  - Trigger patterns (cluster finding, non-supervised classification)
  - Trigger evolution in AOD->DAOD\*->... derivation chain
  - Query Spaces
  - ...



# Info



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

**Home:** <https://atlas-event-index.cern.ch>

**FAQ:** <https://atlas-event-index.cern.ch/doc/faq>

**Phoenix+ Home:** <https://hrivnac.web.cern.ch/hrivnac/Activities/Packages/Atlas-Event-Index/>

**GIT:** <https://gitlab.cern.ch/atlas-event-index/Atlas-Event-Index-Core.git>

**Questions & Comments:** <mailto:Julius.Hrivnac>