

# A TOOL FOR CONDITIONS TAG MANAGEMENT IN ATLAS

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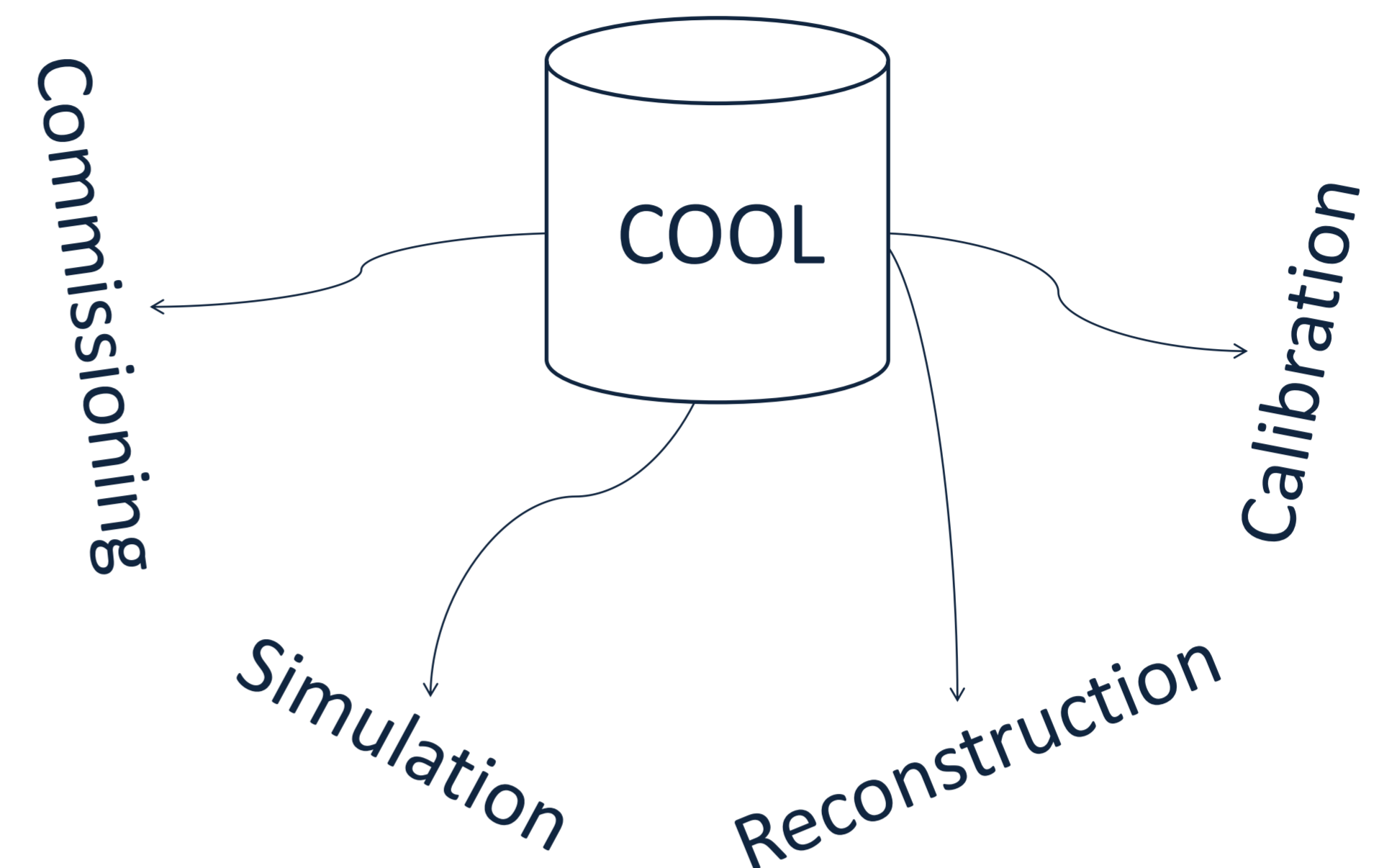
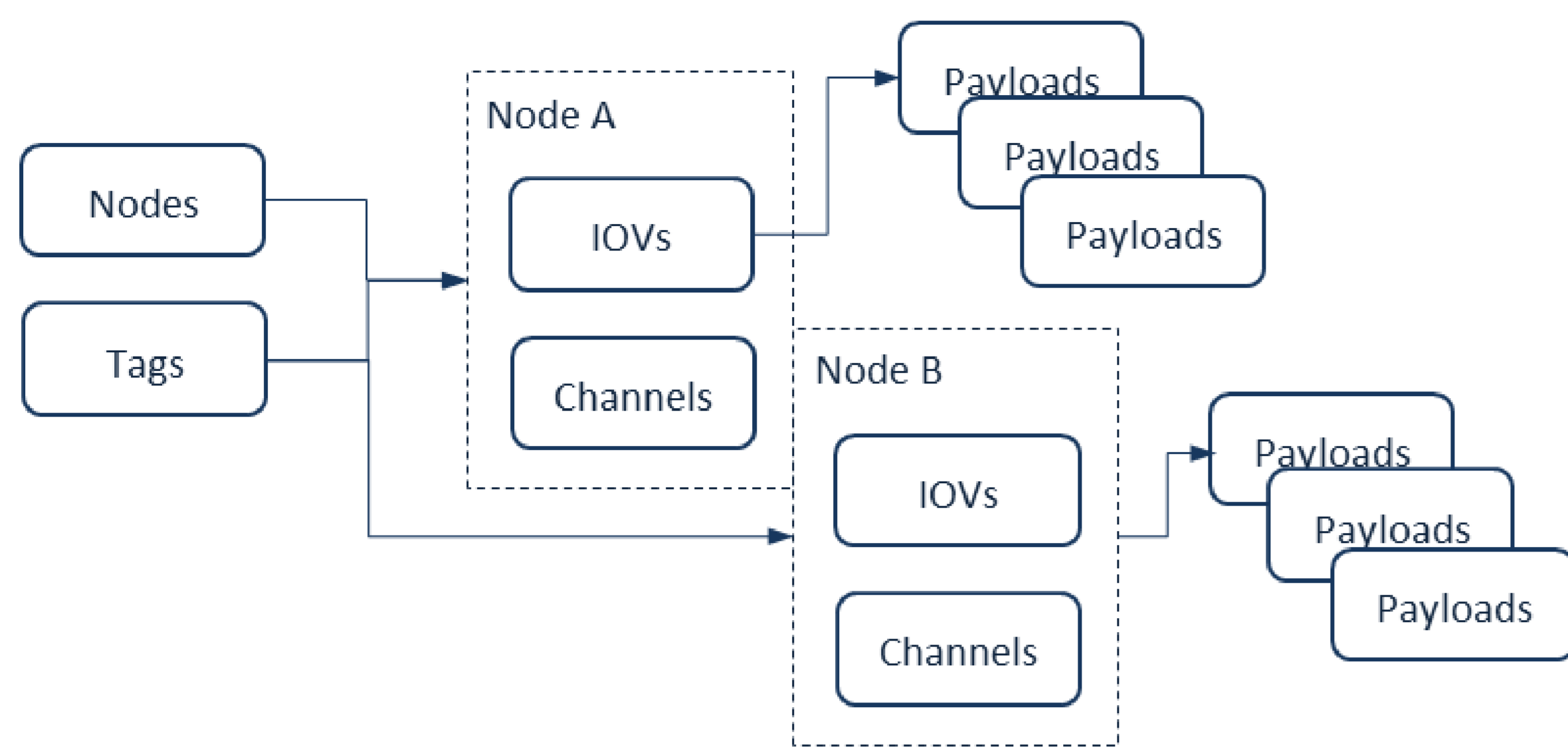
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## ATLAS COOL Database

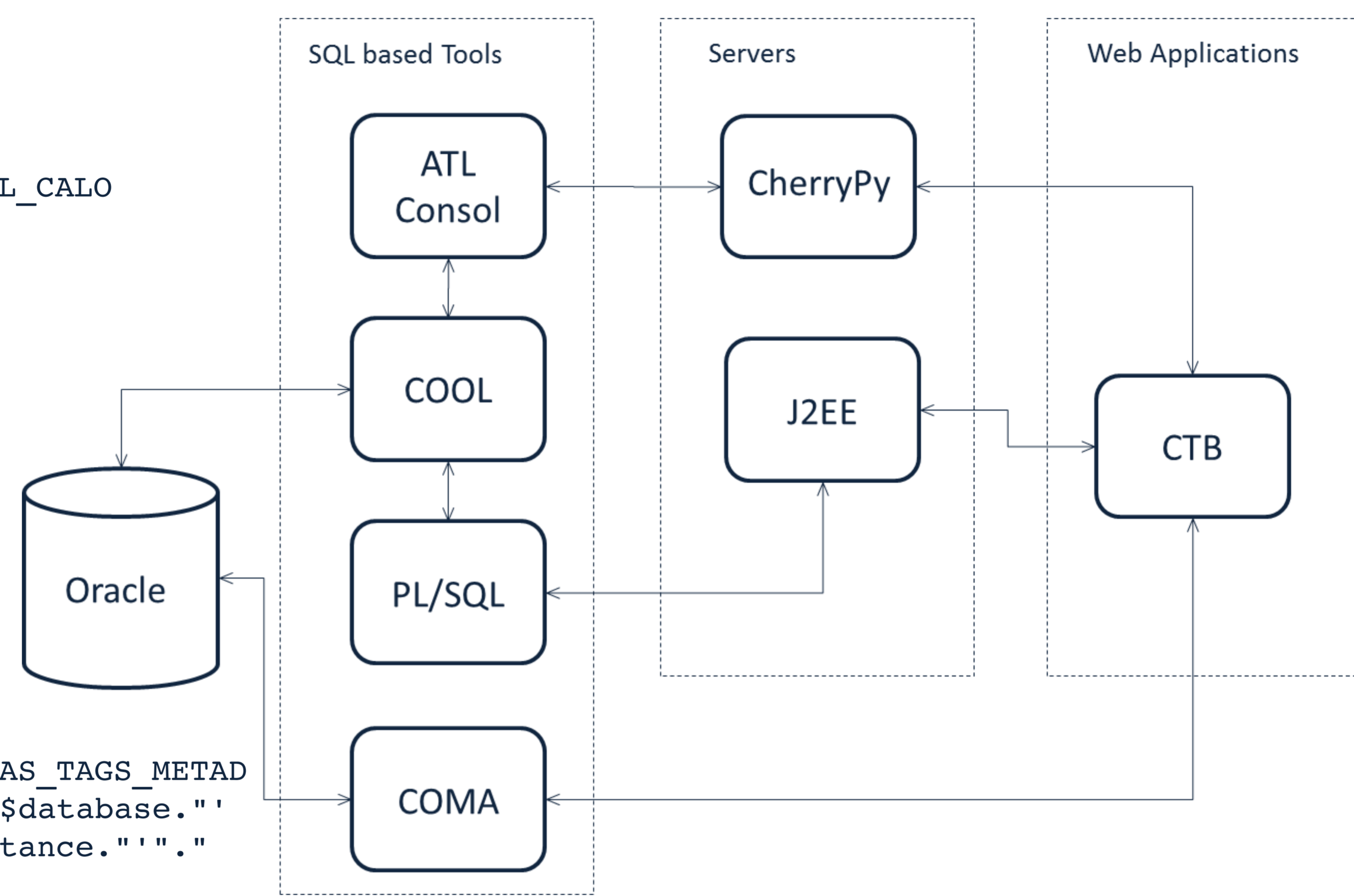


## Database Management

**CherryPy:** [http://voatlas207.cern.ch:8080/ATLAS\\_COOLPROD/ATLASOFL\\_CALO/COMP200/tags](http://voatlas207.cern.ch:8080/ATLAS_COOLPROD/ATLASOFL_CALO/COMP200/tags)

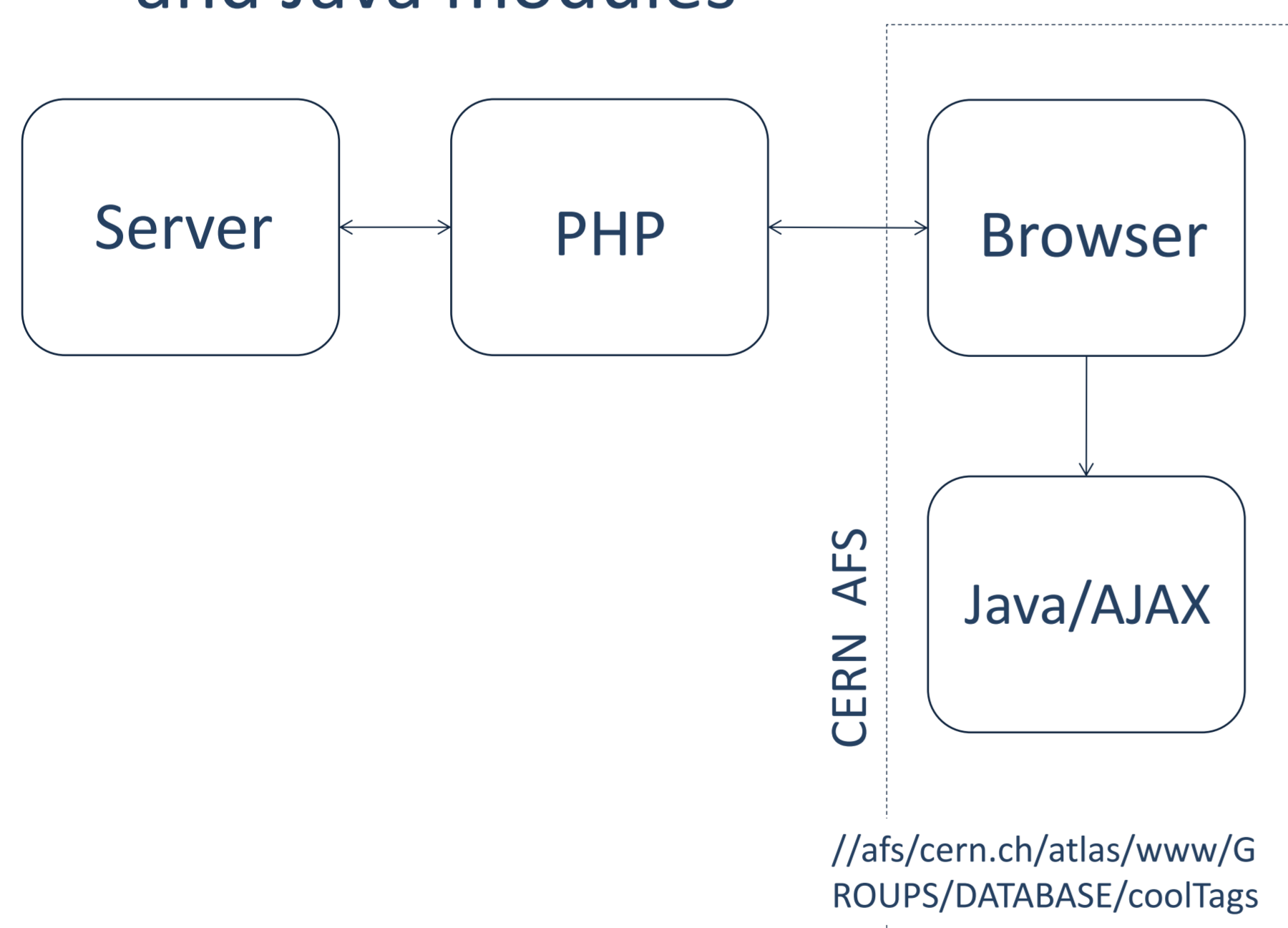
**PL/SQL:** `function f_Get_GlobalTags(SchemaName, DbName, Pattern_GTagName)`  
[http://voatlas207.cern.ch:8080/ATLAS\\_COOLPROD/ATLASOFL\\_CALO/COMP200/tags](http://voatlas207.cern.ch:8080/ATLAS_COOLPROD/ATLASOFL_CALO/COMP200/tags)

**COMA:** `$query="select NODE_DESCRIPTION, NODE_NAME, NODE_FULLPATH, CBO_NAME, CBS_NAME, CBI_NAME from ATLAS_TAGS_METADATA.COMA_CB_NODES inner join ATLAS_TAGS_METADATA.COMA_CB_OWNER_INSTANCES on ATLAS_TAGS_METADATA.COMA_CB_OWNER_INSTANCES.CBOI_INDEX=ATLAS_TAGS_METADATA.COMA_CB_NODES.CBOI_INDEX where CBO_NAME='$.database.'" and CBS_NAME='$.schema.'" and CBI_NAME='$.instance.'" and NODE_FULLPATH='$.folder.'"`



## Conditions Tag Browser

AJAX-based configuration with several Php and Java modules



- Php functions: Navigation Class Search Class
- Java functions: Visualization Class User Interface Class

Browsing hierarchy:

**1<sup>st</sup> level:** for navigation through the schema, DB and folders

```
SCHEMA
├── ATLAS Subsystems
│   ├── CBO
│   ├── CBS
│   ├── CBI
│   ├── CBOI
│   ├── CBOI_INDEX
│   ├── CBOI_INDEX_TIMESTAMP
│   ├── CBOI_INDEX_TIMESTAMP_TIMESTAMP
│   ├── CBOI_INDEX_TIMESTAMP_TIMESTAMP_TIMESTAMP
│   ├── CBOI_INDEX_TIMESTAMP_TIMESTAMP_TIMESTAMP_TIMESTAMP
│   └── CBOI_INDEX_TIMESTAMP_TIMESTAMP_TIMESTAMP_TIMESTAMP_TIMESTAMP
├── COOL Databases
├── COMP200
│   ├── Folders
│   └── Description Channel
```

**2<sup>nd</sup> level:** for navigation through the global Tags

```
Global Tag
├── Description
├── Status
├── Hierarchy
```

**3<sup>rd</sup> level:** for navigation through the Leaf Tags

```
Leaf Tag
├── Description
├── Status
├── Channels
```

**4<sup>th</sup> level:** for navigation through the Channels

```
Tag Channel
├── ID
├── Insertion Date
├── IOV
├── Time Span
├── Data
```

