**Introduction**

The ATLAS Tile Calorimeter (TileCal) assesses the quality of data in order to ensure its proper operation. Tile-in-ONE is a web platform developed to become the main application used by TileCal Calibration and Data Quality (DQ). It is based on different views (a.k.a. Dashboards) related to distinct aspects of the calorimeter. They can be customized by users, by adding different set of applications (a.k.a. Plugins). The Plugins are written using a framework, provided by the web platform, where the main goal is to allow integrated analysis with a standard development technology.

**Examples of Available Plugins**

- **Calibration Dashboard**: A 2D histogram of Channel VS Module number with the average Charge Injection System (CIS) constant for each channel within a data range.
- **Standard Dashboard**: This plot shows the change in the number of masked channels and number of different calibration flags in the Conditions database (known as COOL DB) for a date range.
- **List of root files stored on eos**: List of channels masked in different lists, retrieved from COOL DB. In this case, there is a list for the data reconstruction (a.k.a. UPD4) and for data taking (a.k.a. UPD1) steps. Both lists should be synched. This plugin shows, that there is no channel masked in UPD4 that is not also masked in UPD1, as expected.
- **Explicated plugin extracts the histograms from selected root file**: Expanded plugin shows the Bad Channels lists through colored TileCal barrels scheme.

**Tile-in-ONE process**

1. **Source code is written on the client side**
2. **Code is encapsulated when submitted to the server**
3. **Web server handles the received request**
4. **Slave machines process requests and send responses back to the main server**
5. **Main server receives response from the slave machine**
6. **Provided graphical objects parse the received response**
7. **Source code, response and graphical objects are encapsulated on a Tile-in-ONE Plugin**

**Conclusions**

- Tile-in-ONE is a flexible web-based platform planned to be used by TileCal community as a main tool.
- It offers an infrastructure to develop plugins via web.
- It avoids primary setups when accessing different TileCal data sources (as EOS, COOL, Oracle).
- The web platform has interfaces to almost all services in ATLAS.
- Dashboards are designed to attend different users.

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