

# Arrays from the Database

**Brandon Eberly**

December 22, 2015

# Description

- I've written a PMT calibrations retrieval service for MicroBooNE (uboonecode) in the provider-service model used in larsoft services
- The provider uses some helper classes in larsoft that were written for the Microboone-style (single IOV) implementations of calibrations providers
- One of the helper classes, **larevt/CalibrationDBI/Providers/DBFolder.\***, did not provide a method for reading arrays from a database.
- I wrote a method, in the style of other methods in this class:

```
int GetNamedChannelData(DBChannelID_t channel, const std::string& name,  
                        std::vector<double>& data)
```

- Changes are on feature branch **eberly\_SIOVarrays**
  - Caveat – currently working around a bug in libwda – will update once Vladimir provides a fix

# Backup Slides