Killing the Static Data Services

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LBL Analysis Workshop

Outline

Static Services and their data

Tables under `DataModel/DataSvc/share` (count)

CableSvc Channel/Sensor mapping

- feeCableMap (6)
- fecCableMap (0)

CalibDataSvc Channel and Sensor level calibrations

- feeCalibTable (10)
- fecCalibTable (0)
- pmtCalibTable (14)
- rpcCalibTable (0)

SimDataSvc input "anti-calibrations" for electronics simulation

- pmtDataTable (4)
- rpcDataTable (0)
- feeDataTable (1)
- fecDataTable (0)

Focus on feeCableMap

name	rows	commits	format
default	2941	11	num
FMCP11a	2941	1	num
MDC09a	1585	1	str
MiniDryRun[1]	25	1	str
DryRun	3072	2	str

Format = "str"

- ChannelID
- Description
- ElecHardwareId
- Description
- SensorID
- Description
- SensorHardwareID
- Description

Format = "num"

- site
- detectorId
- feeBoard
- feeBoardSerial
- feeConnector
- adPmtRing
- adPmtColumn
- poolPmtWallNumber
- poolPmtWallSpot
- poolPmtInwardFacing
- pmtHardwareType
- pmtSerialNumber

[1] Duplicated in share/ and share/MiniDryRun/.

feeCableMap in the DB

Field	Type	Key
SEQNO	int(11)	$\surd$
ROW_COUNTER	int(11)	$\surd$
FEECHANNELID	int(11)	
FEECHANNELDESC	varchar(30)	
FEEHARDWAREID	int(11)	
CHANHRDWDESC	varchar(30)	
SENSORID	int(11)	
SENSORDESC	varchar(30)	
PMTHARDWAREID	int(11)	
PMTHRDWDESC	varchar(30)	

#543: "DBI Table Migrations to efficient/useful form"