

Chimera Photometry Database:

A database to store photometry and extinction coefficient data in the Chimera robotic telescope system

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Database Content Pipeline



Structure of the Database

chimera-db

- Script including a number of options for adding, removing, and displaying database contents

dataview.py

- DataView class, which generates tables and plots from database queries and includes a script interpreter

database.py

- Wrapper for all database operations, including any possible adding, removing, and querying of data
- Database class is a Chimera controller.

dataproxy.py

- Wrappers for the content classes of the database so they can be sent over a network by database.py

datamodel.py

- Entity classes defining the structure of the database tables
- Is based on Elixir 0.6 and SQLAlchemy 0.5