



The Chandra Source Catalog 2.0: Interfaces



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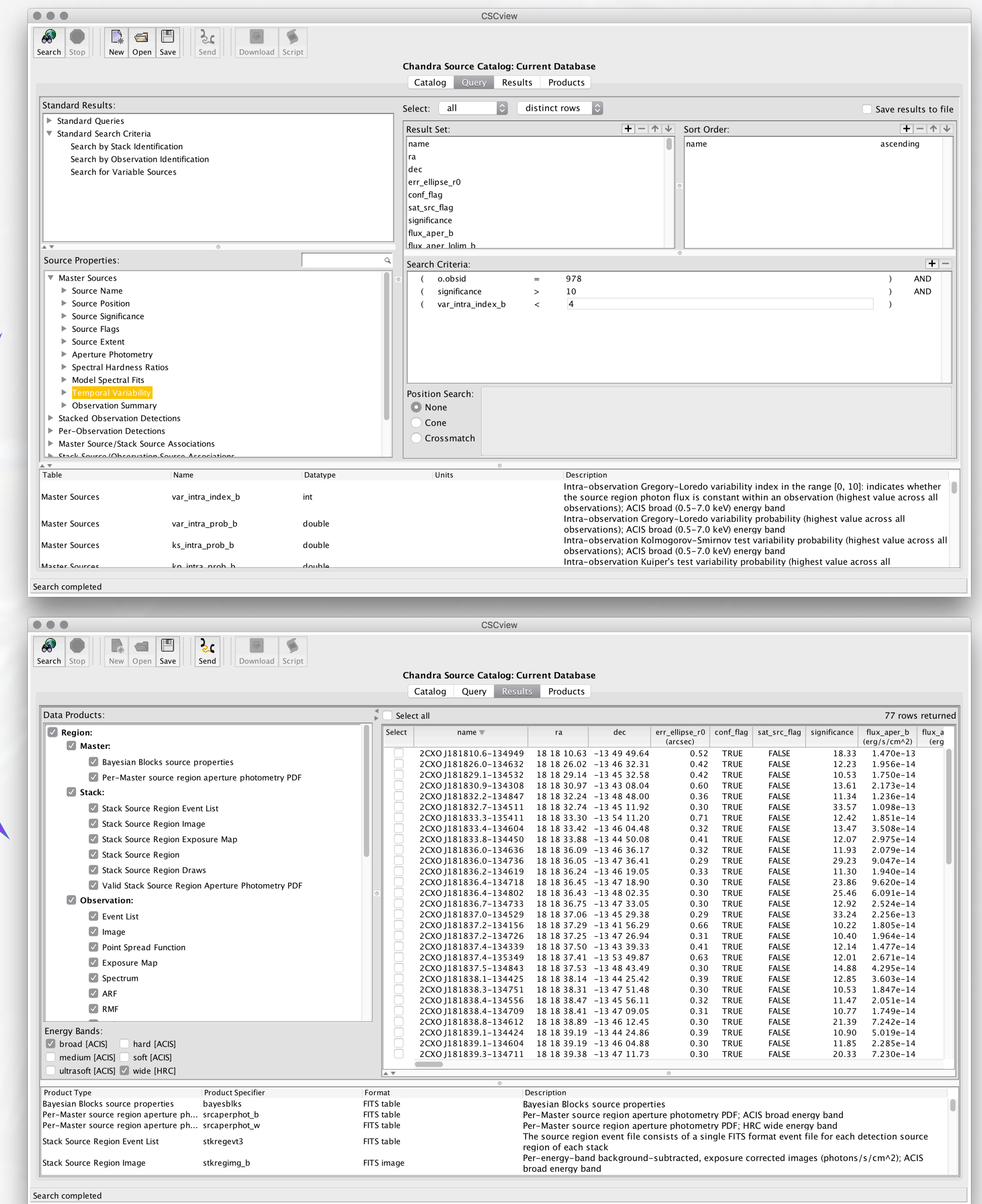
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CSCview

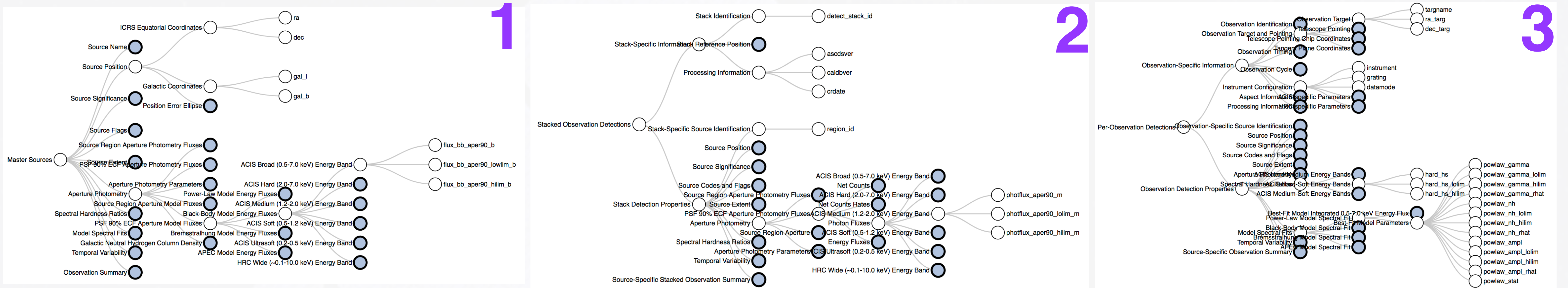
CSCview is the interactive interface to all **Chandra Source Catalog** releases, now updated to provide access to the version 2.0 of the catalog (**CSC2**).

Using CSCview, users can:

- Explore the content of all data stored in the CSC2 database
- Build & run complex ADQL queries. These queries can combine spatial constraints and criteria based on the values of the parameters contained in the **master sources (1) table**, and/or the **stack- (2) and observation-level (3) detections tables** in the CSC2 database
- Display and save the table of returned properties of sources and/or detections
- Select and **download** the desired **data products**
- **Interoperate** with other astronomical apps & softwares through **SAMP**
- **Access limiting sensitivity data** in all CSC energy bands within the whole CSC2 footprint
- **Crossmatch** up to 250,000 distinct positions with the catalog of CSC2 master sources



CSC2 Tables Structure



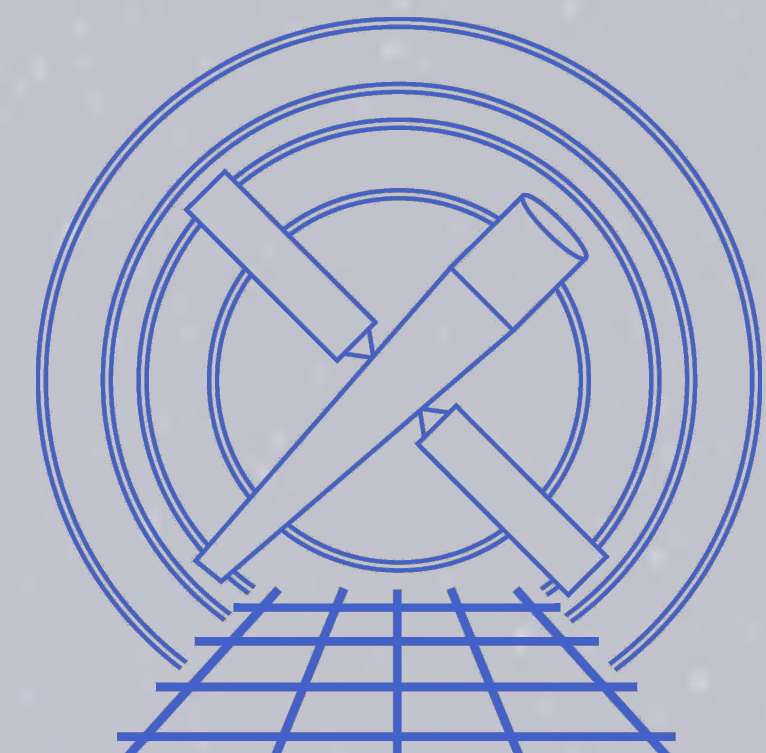
Additional Interfaces

- CSC2 VO services: **Cone Search**, **Simple Image Access** and **Table Access Protocol** interfaces
- **Command Line Interface (CLI)** for CSC2 and limiting sensitivity data will provide access from terminal to CSC2 data

Coming soon! A Simple Web Interface that will perform positional search around multiple coordinates or source names and return a predetermined set of parameters will also be made available.

MOCs and HiPS

Coming soon! The Hierarchical Progressive Survey (**HIPS**) and Multi-Order Coverage (**MOC**) maps based on CSC2 observations will be made available to enable **responsive visualization** and **intuitive interactive exploration** of CSC2 data across a wide range of astronomical data interfaces.



CHANDRA SOURCE CATALOG



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