



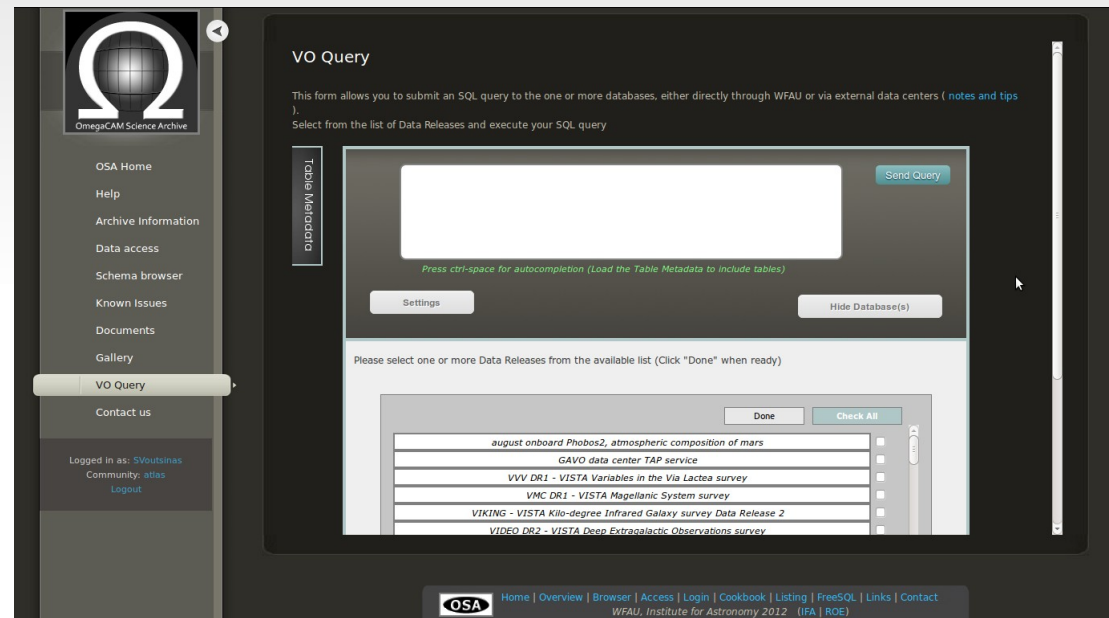
WFAU Web2.0 Query GUI

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WFAU Web2.0 Query GUI

- Query one or more catalogs (WFAU local or remote)
- Built as part of the new WFAU survey pages
- Aims to allow simple, interactive data exploration
- Abstract user from underlying resources (TAP, local JDBC?)



The screenshot displays the 'VO Query' interface. On the left is a navigation menu with options: OSA Home, Help, Archive Information, Data access, Schema browser, Known Issues, Documents, Gallery, VO Query (highlighted), and Contact us. Below the menu, it shows 'Logged in as: SVoutsinas' and 'Community: atlas' with a 'Logout' link. The main content area is titled 'VO Query' and contains instructions: 'This form allows you to submit an SQL query to the one or more databases, either directly through WFAU or via external data centers (notes and tips). Select from the list of Data Releases and execute your SQL query'. It features a large text input field for the SQL query, a 'Send Query' button, and a 'Table Metadata' sidebar. Below the input field are 'Settings' and 'Hide Database(s)' buttons. A section titled 'Please select one or more Data Releases from the available list (Click "Done" when ready)' contains a table of data releases with checkboxes for selection.

Data Release	Select
august onboard Phobos2, atmospheric composition of mars	<input type="checkbox"/>
GAVO data center TAP service	<input type="checkbox"/>
VVV DR1 - VISTA Variables in the Via Lactea survey	<input type="checkbox"/>
VMC DR1 - VISTA Magellanic System survey	<input type="checkbox"/>
VIKING - VISTA Kilo-degree Infrared Galaxy survey Data Release 2	<input type="checkbox"/>
VIDEO DR2 - VISTA Deep Extragalactic Observations survey	<input type="checkbox"/>

At the bottom, there is a footer with the OSA logo and navigation links: Home | Overview | Browser | Access | Login | Cookbook | Listing | FreeSQL | Links | Contact. Below the footer, it reads 'WFAU, Institute for Astronomy 2012 (IFA | ROE)'.



WFAU Web2.0 Query GUI

The screenshot displays the WFAU Web2.0 Query GUI. On the left is a sidebar for the OmegaCAM Science Archive with navigation links: OSA Home, Help, Archive Information, Data access, Schema browser, Known Issues, Documents, Gallery, VO Query (highlighted), and Contact us. Below the sidebar, it shows the user is logged in as SVoutsinas with the atlas community and a Logout link.

The main content area features a top navigation bar with 'Settings' and 'Choose Database(s)' buttons, and a 'Show Selected Databases' button below. The central panel is titled 'Archive Metadata' with a '[Hide]' link. It includes a 'Help [+]' section and a dropdown menu currently set to 'lasSource'. The description for 'lasSource' is: 'Contains LAS merged sources from LAS detections in lasDetection'. Below this is a 'Table Columns:' section with a dropdown menu set to 'sourceID'. Further down, the description for 'sourceID' is: 'UID (unique over entire WSA via programme ID prefix) of this merged detection as assigned by merge algorithm'. Below this are three more dropdown menus: 'cuEventID', 'frameSetID', and 'ra'. The footer contains the OSA logo and a list of links: Home, Overview, Browser, Access, Login, Cookbook, Listing, FreeSQL, Links, Contact. It also includes the text: 'WFAU, Institute for Astronomy 2012 (IFA | ROE)'.



WFAU Web2.0 Query GUI

The screenshot displays the WFAU Web2.0 Query GUI interface. On the left is a sidebar for the OmegaCAM Science Archive (OSA) with a navigation menu including: OSA Home, Help, Archive Information, Data access, Schema browser, Known Issues, Documents, Gallery, VO Query (highlighted), and Contact us. Below the menu, it shows the user is logged in as SVoutsinas with a community of atlas and a Logout link.

The main content area features a query editor with the text: `SELECT top 100 * from lassurance`. A "Send Query" button is to the right. Below the editor is a "Settings" button and a "Choose Database(s)" button. A "Show Selected Databases" button is positioned below the query editor.

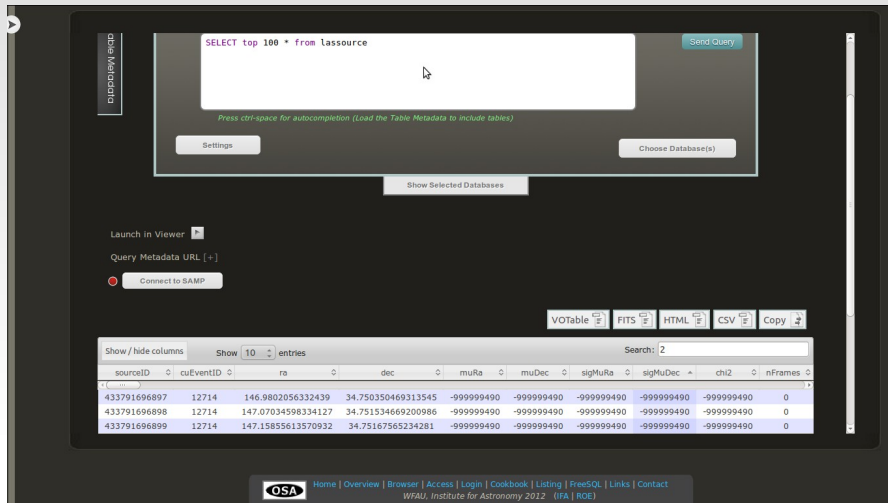
Below the query editor, there is a "Launch in Viewer" button and a "Query Metadata URL [+]" field. A "Connect to SAMP" button is also present.

Output options are provided as buttons: VOTable, FITS, HTML, CSV, and Copy.

A table displays the query results with columns: sourceID, cuEventID, frameSetID, ra, dec, sigRa, sigDec, and epoch. The first row of data is: 433791696897, 12714, 433791696897, 146.9802056332439, 34.750350469313545, -999999490, -999999490, 2007.099.

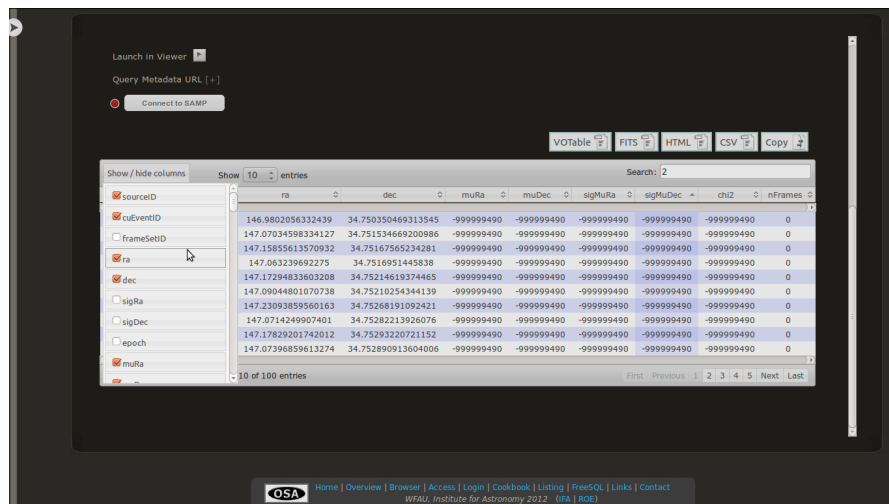
At the bottom, there is a footer with the OSA logo and navigation links: Home | Overview | Browser | Access | Login | Cookbook | Listing | FreeSQL | Links | Contact. Below the links, it reads: WFAU, Institute for Astronomy 2012 (IFA | ROE).

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Key Features

- Auto-complete / Syntax Highlighter
- Dynamic tables
 - Sort by any column
 - Hide Columns
 - Re-arrange columns
 - Filter rows by search
- Connect to SAMP
- Download as (HTML, VOTable, FITS, CSV)



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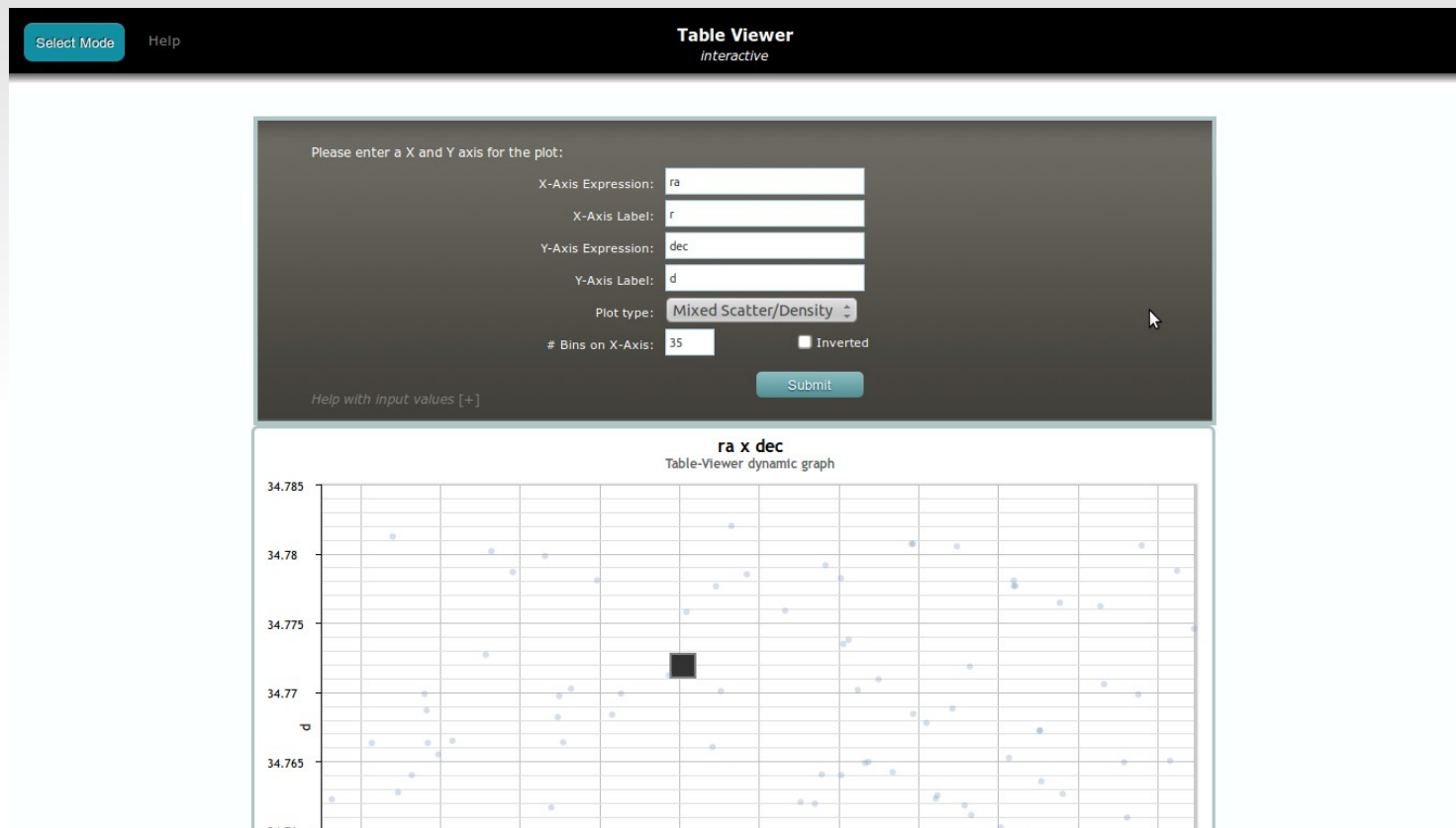
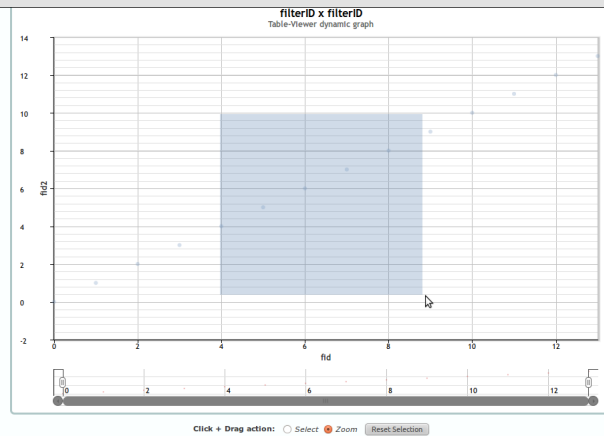
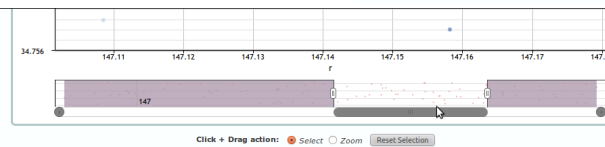
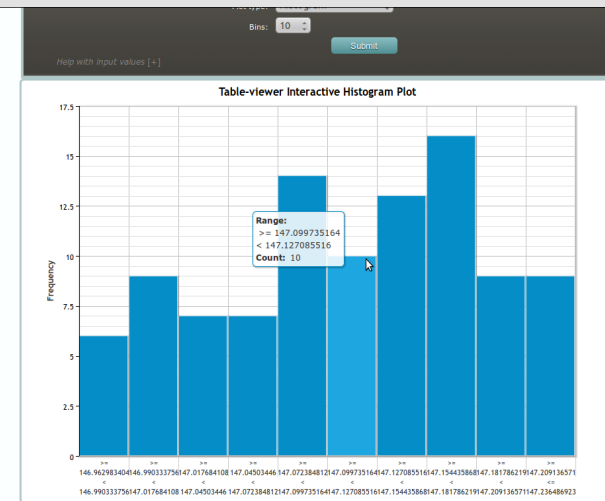


Table Viewer – Create Plots from query data

WFAU Web2.0 Query GUI



SQL query for filtering to the currently selected area [-]



SQL query for filtering to the currently selected area [-]

Add the following to your original query to get the data points in the current window:
 where ra between 146.95 and 147.25 and dec between 34.75 and 34.785

Table of user-generated plot points [-]

Connect to SAMP

The following table contains the results of your initial query

VOTable FITS HTML CSV Copy

Show / hide columns Show 10 entries Search:

sourceID	cuEventID	frameSetID	ra	dec	sigRa	sigDec	epoch	muRa	muDec
433791696913	12714	433791696897	147.15820545552785	34.75680235940254	-999999490	-999999490	2007.0994921560575	-999999490	-999999490