

Semantics session

IVOA interoperability meeting
Pune 2011 October 17

Semantics session

Wednesday 16:15-17:45

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- Report on AstroInformatics 2011 semantics session
 - Ashish Mahabal



- VAO AstroExplorer
 - Alberto Accomazzi

A screenshot of the AstroExplorer v1.1 web interface. The page is titled "AstroExplorer v1.1" and has a search bar at the top right. Below the search bar, there are tabs for "Publications", "Objects", "Datasets", "Proposals", and "Saved". The "Publications" tab is active, showing a list of search results. The "Current Selection" section shows the search criteria: "(x) keywords_s:'astronomy x rays' [P]" and "(x) keywords_s:'black hole physics' [P]". The "Search" section shows the search results: "astronomy x rays(22)", "black hole physics(22)", "clusters globular(1)", "galaxies(12)", "galaxies elliptical lenticular%3Bsd(3)", "galaxies interactions(1)", "galaxies intergalactic medium(1)", "galaxies jets(1)", "galaxies nuclei(3)", "galaxies photometry(2)", "galaxies quasars(1)", "galaxies seyfert(1)", "galaxies star clusters(2)", "galaxies stellar content(3)", "hydrodynamics(1)", and "stars binaries close(2)". The "Top Authors" section lists authors such as Alen, S(1); Alonso-Herrero, A(1); Angelini, L(1); Brighenti, F(2); Buote, D(2); Cropper, M(2); Fabian, A(2); Gebhardt, K(2); Ghosh, K(3); Good, M(2); Humphrey, P(2); Kaaret, P(4); Mathews, W(2); Mushotzky, R(3); Pakull, M(3); Roberts, T(2); Soria, R(3); Swartz, D(2); Tennant, A(2); Wu, K(4). The "Paper Types" section shows "None(2)" and "science(20)". The "Publication Facets" section shows "Top Keywords" and "Publication Facets". The "Current Selection" section shows "remove all", "(x) keywords_s:'astronomy x rays' [P]", and "(x) keywords_s:'black hole physics' [P]". The "Search" section shows "Search (press ESC to close suggestions)". The "Publication Facets" section shows "Top Keywords" and "Publication Facets". The "Current Selection" section shows "remove all", "(x) keywords_s:'astronomy x rays' [P]", and "(x) keywords_s:'black hole physics' [P]". The "Search" section shows "Search (press ESC to close suggestions)". The "Publication Facets" section shows "Top Keywords" and "Publication Facets". The "Current Selection" section shows "remove all", "(x) keywords_s:'astronomy x rays' [P]", and "(x) keywords_s:'black hole physics' [P]". The "Search" section shows "Search (press ESC to close suggestions)". The "Publication Facets" section shows "Top Keywords" and "Publication Facets".

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- **Units**
 - progress status
 - Unity library
 - Document and Recommendation
- **UCD1+**
 - words v1.3
 - how to improve the update mechanism

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- If time allows: Annotations
 - AstroDAbis
 - Stabilobj