AIDA WP4 Input

Service Activities in support of provision of VO-enabled services to the science community

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WP4 Input: picked up here and there*

The Most Wanted

▶ "Undo", "Save", "Record", the three most requested features

currently missing from the majority of VO tools and applications

▶ more scripting!

▶ suggestion to have an installation script that would allow

installing all the VO applications in one step

*Schools, VO days, research Initiatives, private communications

WP4 Input

Queries

▸ multi-object, multi-resource, <u>one single output</u>: many applications are already implementing the feature

▸ query by object type or object properties ("give me all AGN with X-ray detections and Bmag>21"): not there yet ...

▸ search within a box, i.e. "return all objects within minmax(RA), minmax(Dec): no tool (?) can do this

WP4 Input

Cross-correlations

▸ need for tools that can perform very large cross-correlations (e.g. 2MASS with SDSS)

▸ repeated requests for extending the cross-correlation capabilities beyond positional cross-match

But are any of the two really within the scope of the VO?

WP4 Input

Random pick

▸ TOPCAT: delete (column or subset)

▸ Aladin: Images WCS issues

▸ VOSpec: multi-object queries

▸ VOSED: more services; documentation!

▸ VODesktop: concatenation of output files for a multi-resource

 query

Full revised list from IST/dev meeting available upon request

WP4 Input

➡ need for a mechanism to provide formal scientific input to the EURO-VO project

➡ VO schools and VO days are very good in that respect: great interaction between scientists/real users and developers

➡ a full-day AIDA IST/developers meeting took place in November; we need to find a way of having more such meeting even after AIDA is over