



The Virtual Observatory and the IVOA

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Who are the IVOA?

Representatives from 22+ national VO projects



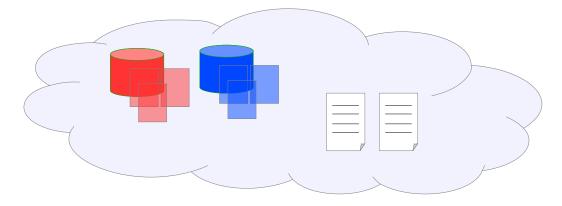






What is the Virtual Observartory (VO)

"The Virtual Observatory (VO) is the vision that astronomical datasets and other resources should work as a seamless whole."



"The World Wide Web (www) is an information space in which resources are identified by Uniform Resource Identifiers (URI)."





The role of the IVOA http://www.ivoa.net/



"The International Virtual Observatory Alliance (IVOA) is an organisation that debates and agrees the technical standards that are needed to make the VO possible."





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The role of the W3C

http://www.w3.org/

"The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the Web."

W3C defines the HTTP, HTML, XML and CSS standards



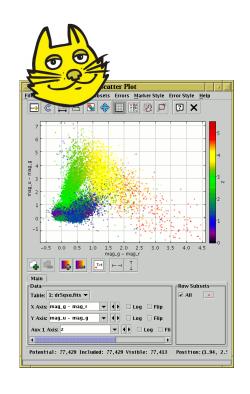


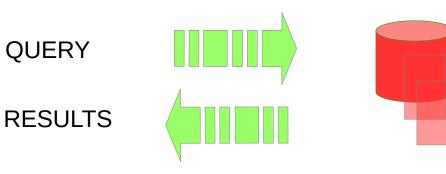


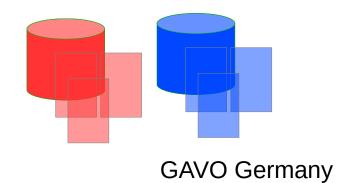












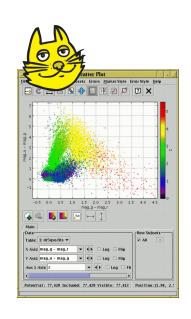
CADC Canada

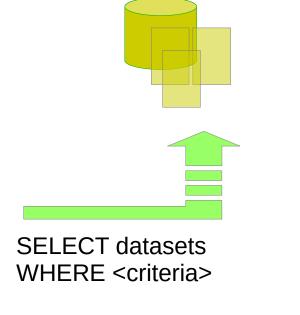


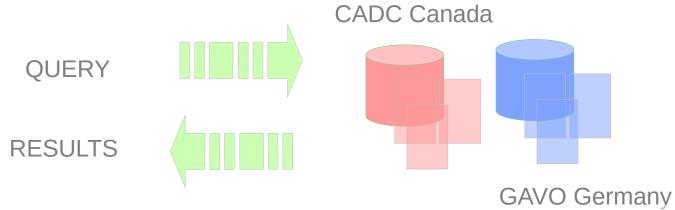










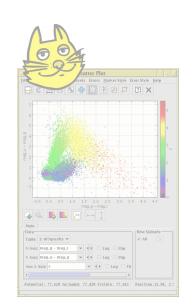


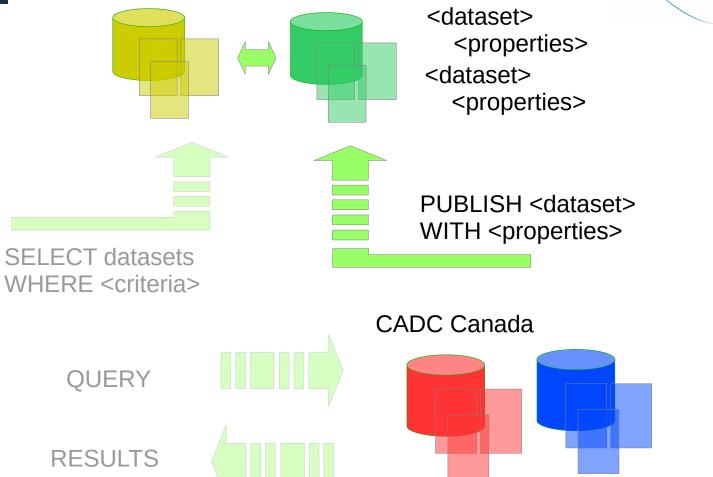












IVOA Registry

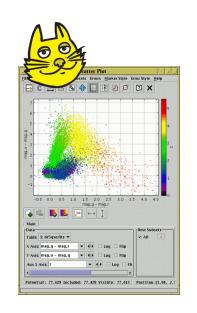


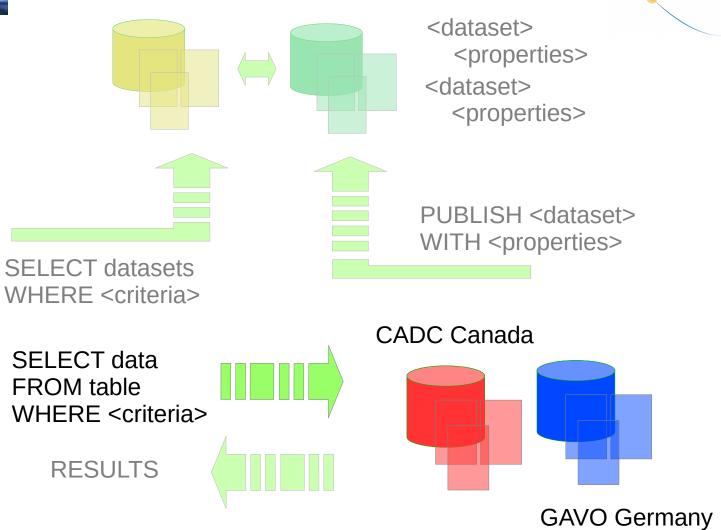
GAVO Germany











IVOA Registry

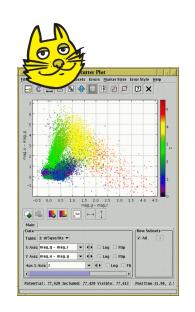


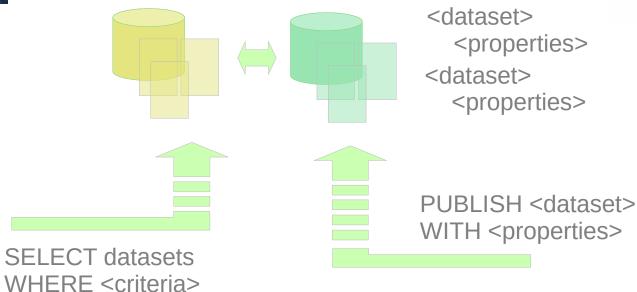




IVOA Registry



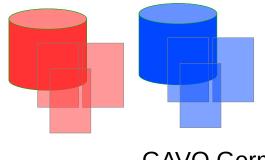




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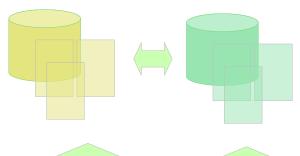
ESCAPE WP5 meeting Amsterdam, July 2019



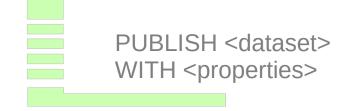








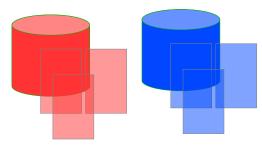
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CADC Canada

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SELECT data FROM table WHERE <criteria>



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GAVO Germany

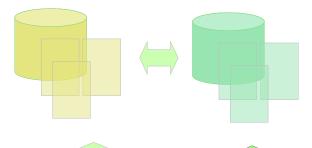
D.Morris
Institute for Astronomy,
Edinburgh University

ESCAPE WP5 meeting Amsterdam, July 2019









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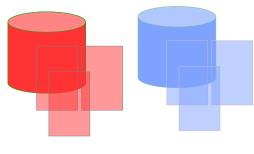
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CADC Canada

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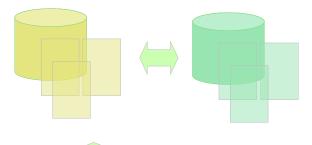


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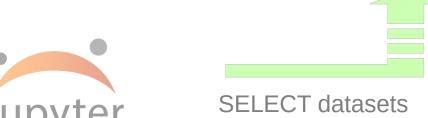








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PUBLISH <dataset> WITH WITH



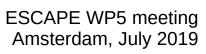
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WHERE <criteria>



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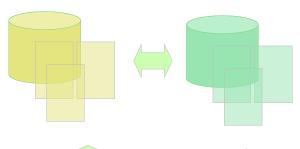












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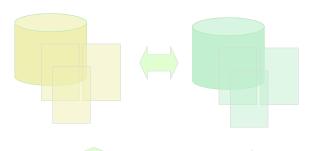












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SELECT data FROM table WHERE <criteria>

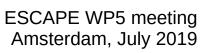






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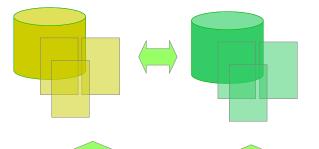
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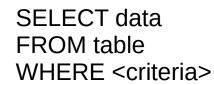


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SELECT datasets WHERE <criteria>

PUBLISH <dataset> WITH <properties>





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