Subject: Joihn's paper
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Science Data Information Services at the Infrared Science Archive

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The Infrared Science Archive (IRSA) at the Infrared Processing and Analysis Center (IPAC) is charged with archiving data from NASA's infrared and submillimeter astronomy projects. Since 1997, IRSA has provided support to the massive datasets generated by the 2MASS project. Services have been developed to perform rapid querying of massive datasets, on-line real time access to a TB-size images database, and cross-correlations between massive datasets. In the past year, IRSA has developed a new front end for catalog queries (including an innovative process monitor), services for accessing the Infrared Space Observatory "Postcard Images", and services for accessing and interacting with spectra released by the Submillimeter Astronomical Observatory (SWAS); the latter includes a Java applet XY plotting package that is an extension to the Ptplot package available from the University of Berkeley. IRSA has also deployed the On-Line Science Archive Information Services (OASIS), a Java toolkit that allows advanced visualization capabilities and distributed data access, and is a prototype toolkit for the NVO. Demonstrations of IRSA services will be available, along with documentation for end users and for developers.

This paper has been requested as a Demo presentation
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