

JRA3 / EMDAF: Its cooperation and common tasks with IDIS (JRA4 / WP 25: Integrated and Distributed Information Service)

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Abstract

Today's modern information technologies are well developed and of certain need in a complex Research Infrastructure like EuroPlaNet (<http://europlanet.cesr.fr>). The Integrated and Distributed Information Service (IDIS) is one of the showcases within the EuroPlaNet project. This Service is divided into five thematic nodes and one technical node. In the long-term (FP7, EuroPlaNet RI – and beyond), the objective is to provide the planetary science community with Virtual Observatory tools for the access of data and information from laboratory measurements, ground- and spaced-based observations as well as modelling results, allowing comparative and pluridisciplinary studies of planetary objects and environments.

In the case of EMDAF, the main aims are quite similar. This Service will enhance existing, but localised, European planetary models and data analysis facilities to produce a flexible distributed research infrastructure, which will eventually be linked to the broad scientific community through SA IDIS. In view of the fact that the Coordination Institute of EMDAF (IWF, Graz) is strongly involved in the development of IDIS via the lead of a thematic node (Plasma Node: <http://europlanet-plasmanode.oeaw.ac.at/>) since the beginning of FP6, it is consequentially that this activity can take advantage of past experiences.

This means in particular the contributors of EMDAF will improve the usage of modern communication technologies (modern web-conferencing tools), interactive forums (enterprise TWiki), advanced web-presence (homepage platform including web 2.0 technologies) and of course all the adopted common standards for developing distributed databases and search

engines. The efforts of establishing these activities undertaken within JRA3 will be presented.