



CDPP Tools in the IMPEx infrastructure

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The CDPP (Centre de Données de la Physique des Plasmas, <http://cdpp.eu/>), the French data center for plasma physics, is engaged for more than a decade in the archiving and dissemination of plasma data products from space missions and ground observatories. Besides these activities, the CDPP developed services like AMDA (<http://amda.cdpp.eu/>) which enables in depth analysis of large amount of data through dedicated functionalities such as: visualization, conditional search, cataloguing, and 3DView (<http://3dview.cdpp.eu/>) which provides immersive visualisations in planetary environments and is further developed to include simulation and observational data. Both tools implement the IMPEx protocol (<http://impexfp7.oeaw.ac.at/>) to give access to outputs of simulation runs and models in planetary sciences from several providers like LATMOS, FMI , SINP; prototypes have also been built to access some UCLA and CCMC simulations. These tools and their interaction will be presented together with the IMPEx simulation data model (<http://impex.latmos.ipsl.fr/tools/DataModel.htm>) used for the interface to model databases.