



Workshop on How to Publish Data in VO

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SAADA introduction

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SAADA introduction

- SAADA is an astronomical database generator
 - Automates building of database
 - Heterogeneous datasets
 - Provides VO-compliant interfaces
- <http://amwdb.u-strasbg.fr/saada/>
- Contact person: Laurent Michel,
michel@astro.u-strasbg.fr
- <http://sourceforge.net/projects/saada>

SAADA

- Developed at Strasbourg Observatory
- Used for the SSC interface of the 2XMM catalogue; made available for other projects
- Supported data products:
 - images
 - spectra
 - list of sources
 - misc.
- Possible links between data products

Requirements

- Before running SAADA, you need to install:
 - Java 1.4 or >
 - Tomcat web server
 - Postgresql
- Tested under :
 - Linux
 - Windows XP
 - Mac 10.4 intel

What SAADA provides

- Automated database creation and data loading
 - No (or very little) database knowledge needed
 - No programming needed
- Web interface for data access
 - Query and browse the database
- VO-compliant interfaces: SIA, SSA, ConeSearch

SAADA jargon

- SaadaDB: a database in which SAADA will store its products
- Collections: containers where data will be stored
- Classes: groups of similar data products within a collection
- Product configuration: set of rules defined by the data loader to map input files to classes