

Welcome to DM session 1

Characterisation Data Model Where do we stand?

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Agenda

14:00 – 15:30

- [InterOpMay2007DataModel.htm](#)
- New achievements
- Links with other WG efforts
- Future steps
- Decisions-Conclusions

New actions and documents

<http://www.ivoa.net/internal/IVOA/IvoaDataModel/>

- Definition of Utypes with meaning and compliance status
- Utype list [UtypesListCharacterisationDM-v1.1.pdf](#)
- New Implementations : [CharacterisationImplementation-v1.1.pdf](#)
 - Image server,
 - SQL data base access,
 - Characterisation metadata editor
- WD update: Adjust Char DM and Spectrum.Char for more commonalities and homogeneity
[CharacterisationIvoadraft-v1.1.pdf](#)

Interactions with other WG

- Theory
- How characterisation may serve for simulated data?
 - Discussion with the Theory group, Garching March 2007
 - Dalia project , in Theory1, on tuesday session N. Moreau
- Registry/Application
 - How do we represent codes and image processing pipe lines with the data they have to ingest?

Aida

File Tools Workspaces Look & Feel About

Refresh Clear 0: Logs 1: Help 1: Workflow

Tools

- acp
- mpcca
- ppca
- acifast
- acijader
- gaussem
- gauslm
- SegmMarsiaa1
- Marsiaa
- quad_fusion
- Visualisation HSV
- fits2.jpg
- fits2.gif
- fits2rgb-gif
- fits2rgb-jpg
- tstbl
- Bools
- w-analyse2K
- w-analyse2K-2
- bckg_low
- bckg_ext
- bckg_high
- gaussemim
- Ellipses
- fields
- smooth_gauss
- Local_backgrounds
- radial_profiles
- Shape/flux_parameters
- EM+LM+Segm
- Segm+VisuHSV

Characterisation

Markovian Segmentation descriptor

Datacube

Map

Reduction Visualisation

Colored Composition

300nm 450nm 606nm

814nm 1100nm 1600nm

Java - ToolIOViewFile claudon@hut.u-stras GIMP Sans titre-1.0 (RVB)

Aida Terminal - Konsole Calques, Canaux, Ch

12:13

AIIDA use case

Interaction with other data models

Characterisation

- Reuses STC for the schema definition on all predefined axes.
- Is being reused as a part of the Spectrum Data Model
- Simulation Data model: discussions with Theory WG (see GL talk).