STC-2.0

Documentation Status

Mark Cresitello-Dittmar

Roadmap

- Document current version of models; *(July 2018)*

  - most content to be extracted from last model drop by Arnold

- Fold in 'missing' elements identified in Victoria

  - coords - SpaceReferenceFrame to enumeration to vocabulary to better support SSIG domain *(Aug 2018)*

  - coords/meas - restore basic Velocity *(Aug 2018)*; discuss/add 'ProperMotion', 'RadialVelocity', 'UpperLimit' *(Aug+ 2018)*

  - trans - restore transform operations needed by LSST, implemented by AST library *(Aug 2018)*

- WG review, move to PR/RFC process *(Sep 2018)*

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IVOATEX

- I really, really, really, really dislike LaTeX

  - But, I agree that a plain text basis is important for maintainability

- Setup went pretty smoothly

  - Didn't quite understand everything in the Readme, but followed the steps without too many problems.

- Notables

  - trouble making/adding Architecture diagram

  - very big margins

vo-dml2ivoatex

- xslt script to convert vo-dml/xml to ivoatex

  – Handles all vo-dml elements

    • model, package, object, datatype, primitive

    • subset, constraint, description

  – 'input' result into template tex document

- Not a 'run and done'

  – Need to fold in diagrams, appendices, extended content

  – Sort order not necessarily good for doc

    • Package, object, datatype, primitive; alphabetical within each

Going Forward

- ## Coords model

  - Model updated with descriptions

  - Changed SpaceRefFrame to vocabulary

    - Need help from Semantics on details

  - Successfully converts to ivoatex

  - TODO:

    - Iterating on format issues

    - Update all in volute

    - Review by domain specialists

    - Distribute to WG for review

Going Forward

- Measurement model
  - Will follow relatively quickly afterwards since script and process are worked out.
  - Restore Velocity elements (per roadmap)
- Look for this in December

Going Forward

- ## Transform model

  - More casual pace, but is needed for cube (image axes, virtual columns)

  - Restore transform set needed by LSST (implemented by AST package)

  - Least reviewed/exercised part of models

- ## End of 2018