

20 April 2016

Scott presented a demo of the new SysML database web interface. This is currently available at <http://astro-lsst-01.astro.washington.edu:8888/> for exploration.

The data in the SysML database comes from scraping the Enterprise Architect (EA) change controlled files into XML outputs and then translating these XML files into a sqlite database (the 'SysML' database). The code in the git repo https://github.com/lst/syseng_db does this translation, as well as providing python functions to access the database.

The "Key numbers" page attempts to reproduce <http://lsst.org/scientists/keynumbers> as closely as possible (some of the numbers do not map exactly to the data provided by EA/XML files).

The "Search" page is likely the next most useful to users needing particular parameters (especially if they do not know the exact names). The "Optical System" page provides all the sysml parameters pertaining to a particular aspect of the optical design.

Users who want access to the sysml database at a python level will probably find it most useful to clone the git repo, build their own version of the sysml database (this is a relatively small file; we are considering shipping a version of the "current" sysml parameter database with the git repo), and then use the python classes to query their local copy.

Please send any feedback on the web or python interface to Scott.

Confluence pages related to the system parameter database:

- * [Integrated System Parameter Database](#)
- * [Additions and improvements to the System Parameter Database](#)

We also discussed the simulations-announcements subcategory on Community, in particular the email notifications being forwarded to lsst-imsim, lsst-opsim and lsst-opsim-dev mailing lists. Due to duplication of the list membership, in the future emails will only be sent automatically to lsst-imsim. Other users who want notifications should sign up for an account at Community and set up their notifications to get emails directly from community. We will likely continue email forwards to lsst-imsim for only a month or so, and at that time completely swap to only notifications directly from community, as controlled by individual users.