

December 2013

Data Analysis Services Group - *December 2013*

News and Accomplishments

The VAPOR team released a VAPOR 2.3.0 release candidate.

VAPOR Project

Project information is available at: <http://www.vapor.ucar.edu>

TG GIG PY6 Award:

XD Vis Award:

KISTI Award:

The Year Three KISTI contract work was completed, culminating with the drop of a VAPOR 2.3.0 release candidate containing all KISTI code deliverables. Final technical and financial reports were completed and submitted to KISTI for review.

2.3 Development:

A release candidate for VAPOR version 2.3.0 was published on the vapor web site on December 15. The group spent much of December regression testing, platform testing, fixing final bugs, and updating web documentation.

3.0 Development

Miles began work on a class object for rendering flow primitives such as streamlines, particle traces, hedge hog plots, etc.

Administrative:

Education and Outreach:

Proposals:

John and Shawn are exploring a response to NSF 14-520 (Software Infrastructure for Sustained Innovation). NCAR is ineligible to lead, however, and we are pursuing partnering as a subawardee. A promising conference call was held with Larry Frank (UCSD), a physicist and current VAPOR user. The potential team is following up with respective program officers.

Software Research Projects

Feature Tracking:

Climate data compression:

Production Visualization Services & Consulting

Tom Galarneau, a scientist at MMM, has prepared a new WRF simulation of ERICA-IOP4 and Alan is preparing its visualization. This will be an improvement over our previous ERICA visualizations.

ASD Support

- xxx

Publications, Papers & Presentations

- xxx

Systems Projects

Data Services

- xxx

Accounting & Statistics

- xxx

Security & Administration

- xxx

System Monitoring

- xxx

System Support

ML - Data Analysis & Visualization Clusters

- xxx

GLADE Storage Cluster

- xxx

Data Transfer Cluster

- xxx

Experimental Clusters

- xxx

Test Clusters

Storage Usage Statistics

[NWSC+GLADE+Usage+Report](#)

Other

- xxx