Leveraging Unidata Services for needs such as Data Management

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Data Management in the broader context

- February 2013 OSTP [Memo](#) on accessing Federally funded research

- March 2014 OSTP [Memo](#) on Agency Scientific Collections

- NASA, NOAA, NSF and others now require data management plans.

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What is prompting a conversation on Guides?

- Recognition of accelerating changes in technology:

  - [IBM](#) states that 90% of the data ever generated, was created within the last two years.

- Recent User Committee comments about the pace of transition e.g. Java to Python

Current Status

Unidata offers:

- integrated data from many sources

- tools such as THREDDS and RAMADDA to store data

- end-user tools such as IDV to analyze and visualize data

- support and training for users

What are we considering?

- Our focus remains on providing data and tools and transitioning to the Cloud

- We also recognize that our services will be easier to use if we provide 'guides' based on a particular use

Why Data Management Plans?

- There are many existing resources

- Few; however, provide tools to use during implementation

- A guide would reduce the need to understand how individual Unidata tools can fit together to support a Data Management Plan

The proposed Guide to Data Management Plans

- UPC would provide a guide with best practices and free open source resources that can assist

- This would not necessitate new documentation on individual products but would provide materials for a particular use

Why are we bringing this up?

- To acknowledge this need;

- to invite suggestions within the constraints of our current award commitments; and

- to note that this would be a new priority, for community services, albeit at a low level.

Possibilities with additional resources:

- Customized training on Data Management Plans offered at the UPC, conferences, or workshops

- More detailed documentation for individual products

- A help desk for PIs to provide assistance with Data Management Plans and their implementation

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Comments or Suggestions

- How do you feel about this direction?

- Are there other functional needs in the community where a 'guide' around a particular use would help?

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