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.
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
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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