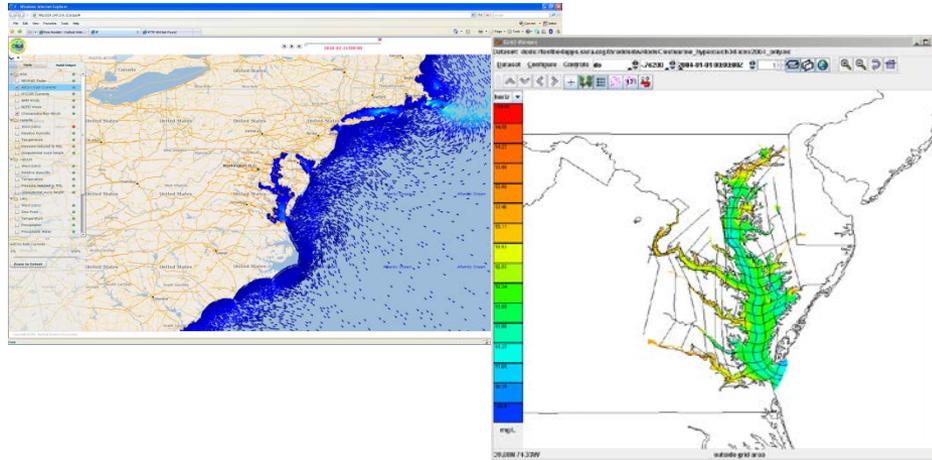


IOOS RA DMAC Workshop



MACOORA DMAC Briefing

Kyle Wilcox - ASA

April 27, 2011

IOOS RA Data Management Priorities

- Launch of MARACOOS website
- “Real-time” glider data into NetCDF
- Composite subsets of satellite SST data in predefined regions
- NCBO relationship / integration
- Ensemble wind forecast (4 wind forecasts + ensemble)
- Centralizing more products (Cloud)
- 14 day running window of data products
- Clients – People are (maybe) using your SOS servers!
 - EDC (Grid/SOS into raw files and also ArcGIS)
 - Flex based SOS client
 - MARACOOS Asset Map (SOS/TDS/ncWMS/USGS/EDS)

IOOS RA Data Management Challenges

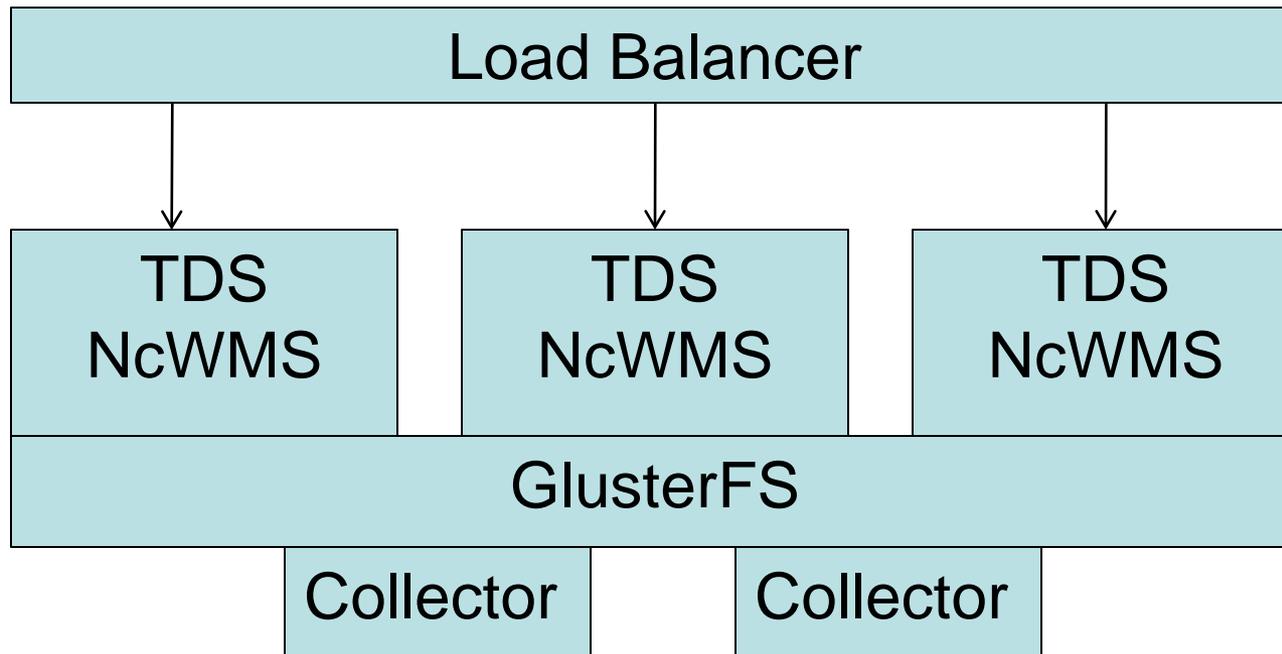
- No clear development stack for observational data
- Storing observational data in CF NetCDF is a moving target
- Maturity and compliance of SOS servers
- Is THREDDS the way to go?
- QA/QC in a distributed environment
- Stovepipe vs. Interoperability

How can the IOOS Office Assist your RA?

- Obs DMAC stack
- Products definition / product sharing
- Provide tight requirements (performance metrics)

14 day running window

- Distributed data stores just not working



EDC

(Demo)