

Status Report April 17, 2009

Work Completed

- Updated text for the NEES MAEviz paper, sent to Terry to the sections he was adding
- Completed writing for section 2.1.3 of MAE Annual Report as requested by Amr Elnashai and Bill Spencer
- Fixed issue [MAE-1202](#). Can Unen requested that we add Leak Rate of pipes as an output of the pipeline damage analysis in MAEviz. I also discovered a discrepancy in the break rate equation we were using from the one Can sent.
- Resolved [Bard-73](#), the Bard application should share a common BeanSession (Jeff's opinion from a meeting with him). A single bean session is passed around the application now from the class that manages our Contexts.
- Started [Bard-82](#), which involves reading shapefiles into a table view directly from the shapefile instead of from triples to improve performance. The shapefiles are stored as blobs in tupelo so we can just request the URI of the blob and read directly. We want to stream the data into the view, so this will take a little more work to get the appropriate listeners in place to update the view as the data loads in a separate thread. This is partially completed and will be worked on next week.
- Attended Friday CET meeting via Google Video Chat

Work Planned

- Writing for MAE Annual Report Section 2.1.3
- [MAE-1200](#), add liquefaction damage for gas/water facilities
- [MAE-1202](#), add Leak Rate to pipeline damage analysis
- [Bard-73](#), shared Bean Session
- [Bard-82](#), read shapefile table attributes directly from blob instead of from triples
- [Bard-83](#), investigate using preference pages to make available and remove custom unifiers for Bard
- Friday, 2pm, CET Meeting

Comments

This week went as planned. Next week, MAE-1200 is my top priority.