



Big Data for Weather

Progress Report II

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What we are building

- Designing workflows to visualize binary data retrieved from weather satellites
 - Discovering capability of tools for the process
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Two Week Recap

- Attempted to find a place to host a server
 - Now better understand the project
 - Mentally prepared for Pentaho online course
 - 4 days, 8 hours, 6:30am - 3pm
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Difficulties

- Procuring software and hardware
 - Talked with sponsor, sent emails, Google
 - Finding a place to host a server on campus is a lot harder than it looks
 - Several failed suggestions/ideas
 - Many emails
 - Where to start
 - Waiting for Pentaho Course
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Visual - Our Machine



Finally procured

- 16gb RAM
- Quad-Core i7 processor
- Several hundred GB of space on hard drive

Next Two Weeks

- Experiment with the tools we've been given
 - Take Pentaho online course (happening now)
 - Parse Binary data into a readable version with IDL programming language
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