



Big Data for Weather

Progress Report IV

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Quarter in Review

- Formed our team
 - Gathered requirements
 - Made a machine
 - Set up the server
 - Learned Pentaho and IDL
 - Parsed binary weather data
 - Structured data
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Main Challenges

- Finding a machine
 - Finding a location for our server
 - Finding the right software
 - Learning new tools
 - 8 Hour online course
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Greatest Achievements

- Understanding the project
 - Setting up server
 - Parsing the binary weather data
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Rest of Spring as a Group

- Parsing sponsor data with IDL
- Exporting data from IDL
- Teach each other about Hadoop

Rest of Spring as Individuals

- Parse binary code received from client
 - Try out different tools: IDL, GDL
 - Get familiar with data/Pentaho
 - Simple Pentaho Transformations
 - Start learning the basics of Hadoop
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Big Summer Weather Data

- Researching visualization tools
 - Adding information into Hadoop database
 - Play around with Microsoft Excel visualization features
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Individual Summer Responsibilities

- Bi-weekly checkups with group
 - Monthly in person checkups with sponsor
 - Blogging on Incentive page about progress
 - Parsing binary data
 - Transferring data to Hadoop
 - Researching visualization tools
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Fall Quarter for Quotaero

- Transformation, Visualization and Documentation

