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General:

       Full End to end integration achieved

       UI no longer using openFDA API

       App monitoring discussion happened

Hadoop team:

       Tested and resolved some data duplication issues

       Some upper case/lower case values are still resulting in dupes which we need to weed out

       Automated build procedure and CSV data load/PIG script run

REST API

       Introduced a new API for drug API by name and also to get Averages

       Fixed bug of API to get drug summary counts when ran for all drug names

       Created Stored Proc on Maria to generate averages for each drug (for entire timeperiod) – testing in progress

UI

       Full Integration with API

       Zoom feature implemented

       Working on the integration with peaks/averages/thresholds based on stored proc result via REST API

**dAnalytics installation monitoring**

**Monitoring servers (AWS instances):**

* Amazon has a service called Amazon Cloudwatch which can do server level monitoring
* This service will provide details about instance health including file system and other metrics

**Monitoring processes within AWS:**

* We can use an open source monitoring tool called Monit which can help with process level monitoring (Hadoop name node and data node , tomcat and mysql process health)
* Monit can also scan log files for fatal errors like “OutOfMemoryException” and send mails to distros
* Finally, process level metrics like thread count, memory count, space health, etc can also be monitored
* One monit instance is required per server