XML Web Design
Final Project Proposal (Revised)
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Thursday, August 6, 2009

The final project which I intend to create is an integrated management/monitoring portal for various IT functions. Specifically, I intend to combine common web-based administrative tools with a number of monitoring and log analysis tools.

XML APIs to be used:
–Nagios – statusXML (Nagios monitoring status feed XML generator that I developed in November, 2007)
–Google Webmaster Tools API
    –Show current sites, messages, crawl errors, sitemap status
–Google Analytics API
    –Google Analytics raw data for sites, custom display.
–Google Visualization – charts for the following data sources:
    –Google Analytics
    –SpamAssassin logs
    –BIND DNS server statistics

In general, the functionality that the file site will support is viewing of data from the above listed data sources in tabular and/or graphical format for a number of different sites/servers, as defined by the user. Sites and servers will also be linked between the different data sources. In addition, the site will make use of DHTML/AJAX wherever practical.

The site itself will be built using PHP and JavaScript on the client side. The above listed XML APIs will be utilized. Aside from those APIs, the bulk of the data will be retrieved from MySQL (having been dumped there by existing scripts and libraries). While the site is for this XML class, the majority of work will be done in PHP, and the majority of data (in terms of volume) will be derived from non-XML sources.

I'm not quite sure what "additional resources" should be enumerated. The raw data will be derived from a number of scripts which I have accumulated (either written myself or by others). Subversion will be utilized, and the site will be provisioned with its own subdomain (http://xmlfinal.jasonantman.com).