



Integration Possibilities between VIVO and Google Apps for Education

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Google Apps for Education (GAE)

- Collection of Google Applications – Gmail, Calendar, Talk, Docs, Sites, etc.- bundled with some added “group functionality“ and administrative tools
- Highly integrated with much of the rest of the Google ecosystem – Maps, Video, Latitude (Geo-Location), Android, Reader etc.
- Interoperable with other versions of Google Apps – Standard, Premier, Government, Non-Profit, “Solo”!
- “Scriptable”, extensible platform with rich APIs
 - Google Apps Marketplace
- The online “home base” for millions of campus users and many more every day



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Google@Brown

- Brown is completing it's migration of Faculty, Staff and Grad Students to Google Apps.
- Drivers
 - Cost
 - Innovation
 - Collaboration
- Single Sign On through Shibboleth
- Profiles
- The place where you organize your work



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Obvious (and excellent) opportunities

- Integrate VIVO and GAE such that once I and fellow researchers find one another, we can seamlessly:
 - Communicate with one another (Gmail, Google Talk, etc.)
 - Create a team space (shared folders, Google Groups, etc.)
 - Collaborate on documents



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Less-obvious potential opportunities

- VIVOAlerts
- CurrentlyReading / CurrentlyWriting
- Analysis / Visualization
- Many, many others



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VIVO Alerts

- At **MY INVITATION** and following **MY RULES**, VIVO Alerts brings me real-time relevant VIVO information based upon my current situation and actions. Examples:
 - Using my current Google Docs activity, alerts me to relevant VIVO data
 - Using my Google Contacts, alerts me to when one of my colleagues has created or updated their VIVO profile
 - Using my Google calendar, alerts me to when I will be in the proximity of relevant researchers, equipment, resources
 - Using my geo-location, alerts me to when I am in the proximity of relevant researchers (e.g. at conferences)



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CurrentlyReading / CurrentlyWriting

- Extending VIVO Ontology to include “CurrentlyReading” and “CurrentlyWriting”
- Seamlessly link to your VIVO profile on a document-by-document basis what you’re:
 - Currently reading via Google Reader and Google Bookmarks
 - Currently writing via Google Docs
- And VIVO Alerts of course alerts me to relevant items being “currently read” or “currently writing”
- Very measurable with views, edits, etc.



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Analysis & Visualization

- Live feeds of VIVO data into:
 - a Google Spreadsheet so they can be analyzed
 - the Google Chart API so they can be visualized
 - Google Map of where different areas of expertise are congregated
 - a Google Diagram for organization charts, citation graphs, etc



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Opportunity: Project VIGO

- Develop a suite of VIVO-specific extensions – apps, scripts, services – for integrating with Google Apps for Education
- If this resonates, please help us figure out what it should be



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Thank You & Questions?

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