Extending and Localizing VIVO

Overview

VIVO, and Vitro, its underlying technology, are open and flexible. There is significant opportunity to extend VIVO and/or Vitro to accommodate the needs of your institution. No extensions are needed – VIVO contains a comprehensive information representation for scholarship. Vitro provides a general purpose platform for semantic data management.

Some of the topics in this section are very common – most sites want to localize their branding, many sites use external authentication, and many sites use VIVO in languages other than English. Other topics are more advanced and less common – creating custom editing forms, for example.

Take what you need and leave the rest.

- Internationalization
  - Enabling Interface Languages in VIVO as an Administrator
  - Using VIVO’s Internationalization (i18n) Features
  - Developing a New Interface Language for VIVO
- Customizing the Interface
  - Home page customizations
  - Menu and page management
  - Annotations on the ontology
  - Class-specific templates for profile pages
  - Excluding Classes from the Search
  - Custom List View Configurations
  - Creating short views of individuals
  - Creating a custom theme
  - Creating custom entry forms
  - Enhancing Freemarker templates with DataGetters
  - Enriching profile pages using SPARQL query DataGetters
  - Multiple profile types for foaf:Person
  - Using OpenSocial Gadgets
  - How VIVO creates a page
  - Tips for Interface Developers
- Adding Additional Ontologies to VIVO
- Enable an external authentication system
  - How User Accounts are Associated with Profile Pages
  - Shibboleth example
  - Using a Tomcat Realm for external authentication
- Authorization
  - Writing a controller for a secured page
  - Creating a VIVO authorization policy - an example
  - A more elaborate authorization policy
  - The IdentifierBundle - who is requesting authorization?
- Adding External Vocabularies
- Search Engine Optimization (SEO)