

## Customize VIVO to meet your needs

A catalog of customization techniques

### Facilitators:

Jim Blake (Cornell University),  
Tim Worrall (Cornell University),

### Audience:

People who need to tweak the appearance, feel, and functionality of VIVO to meet the requirements of their installation. You should have experience with creating or modifying web applications, and be able to obtain and install a release of VIVO. Some knowledge of semantic data and RDF would also be helpful.

### Objectives:

Participants should leave the workshop with a better understanding of what is required to shape VIVO to their needs. What level of knowledge must be acquired? What level of effort must be exerted?

### Content:

Jim Blake and Tim Worrall are members of the VIVO core developer team at Cornell University. They will describe each of the available customization techniques, and show examples of their use. This workshop will include features that are new in release 1.6.

### Topics will include:

- Walk through the VIVO and Vitro code base: where do most modifications take place?
- Creating a custom theme.
- What is Freemarker, and how is it used in VIVO?
- Creating custom Freemarker templates.
- Adding pages to your VIVO installation.
- Retrieving additional data for display.
- Customizing the menu.
- Why would you add custom types to the VIVO ontology?
- Where to find help.