

Drupal Module Development

- Hooks
- Alter Existing Forms
- Create Pages
- Database Interaction
- Alter Nodes
- Move Views into a Module
- Theme Your Module

Robin Barre

- PHP Developer for 8 years
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Hooks

- To extend Drupal, a module need simply implement a hook
- Common Hooks:
 - `hook_form_alter()`
 - `hook_menu()`
 - `hook_block()`
 - `hook_nodeapi()`
- <http://api.drupal.org/api/group/hooks/5>

Alter Existing Forms

`hook_form_alter()`

- add a default value
- add a whole new field
- http://api.drupal.org/api/function/hook_form_alter/5

Add a Page

hook_menu()

- \$may_cache for static URLs
- !\$may_cache for dynamic URLs
- basic page – generate html
- page with arguments – dynamic data display
- http://api.drupal.org/api/function/hook_menu/5

Database Interaction

- .install to alter schema
 - hook_nodeapi() to manipulate data
 - db_query()
 - use modifiers: %d, %s
-
- <http://api.drupal.org/api/group/database/5>

Views in Modules

`views_default_views()`

- export view
- place in separate file

- <http://drupal.org/handbook/modules/views/api>

Theme Your Module

- `theme()`
- `new tpl.php`
- http://api.drupal.org/api/function/_phptemplate_callback/5