

## Philo - Feature #62

### Navigation generation

11/09/2010 09:42 PM - Stephen Burrows

<b>Status:</b> Resolved	<b>Start date:</b> 11/09/2010
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Shipherd	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Description</b> <p>Over the long haul, we're going to be migrating the main Oberlin website onto Philo, which means there will be a necessity for navigation. The navigation could be generated in a number of ways. The end result should probably nested lists of dictionaries, like so:</p> <pre>[   {     'url': '&lt;some_url&gt;',     'verbose_name': '&lt;some_verbose_name&gt;'     'children': [{...}]   } ]</pre> <p>Possible generation methods include:</p> <ol style="list-style-type: none"><li>1. Create a ManyToOne field (like a manytomany) to allow metadata on a foreignkey relationship. Use this metadata to handle ordering and anything else about the relationship.</li><li>2. Use a ManyToMany field for nodes, implementing a more graph-like structure. Use metadata on a through model to handle ordering.</li><li>3. Create an independent "navigation" model that can be attached to a node to handle navigation.</li><li>4. Put data on a node to handle navigation.</li></ol> <p>All these generation methods assume that url grounding is the responsibility of the node and that relative url generation/link naming is the responsibility of the view, though a method of overriding a given section of the navigation could be useful.</p>	
<b>Related issues:</b>	
Related to Philo - Bug #63: Tree modeling	<b>Resolved</b> <b>11/09/2010</b>

### History

#### #1 - 01/26/2011 05:28 PM - Stephen Burrows

- Category changed from Core to Shipherd

- Status changed from New to Resolved

Navigation has been implemented in the shipherd branch. There is still the question of auto-generating navigation for multiviews, but that is not what this ticket is about.