

Drupal 6 Multistep forms

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Tuesday, 03 June 2008

Last Updated Wednesday, 28 January 2009

I've been trying for the last three or four days to understand how Drupal 6 Multistep forms work. There is a quickstart guide that shows how to write them, but it only deals with two pages, and isn't very extensible. There are a number of examples, but it turns out that these examples are generally wrong and do not work in Drupal 6. So... I sat down to work out how one would write a multistep form, and came up with this working example for Drupal 6.2. It's really basic, but should serve as a reasonable framework for someone else trying to work out what to do. (There is no finishing or submission logic in the form... just a storage engine that holds state).

Thanks to Brian McMurray for the correcting the function name formDemo_menu!

So... here is the example:

```
<?php
function formDemo_menu() {
  $items['registration/form'] = array(
    'title' => t('My form'),
    'page callback' => 'formDemo_form',
    'access arguments' => array('access content'),
    'description' => t('My form'),
    'type' => MENU_CALLBACK,
  );
  return $items;
}

function formDemo_form() {
  return drupal_get_form('formDemo_my_form');
}

//helper function that isn't needed, but I thought it was needer
function formDemo_dv($setValue, $default='') {
  return ($setValue===null)?$default:$setValue;
}

function formDemo_my_form($form_state) {

  if (empty($form_state['storage']['step'])) {
    // we are coming in without a step, so default to step 1
    $form_state['storage']['step'] = 1;
  }

  //demo different fields on different steps
  switch ($form_state['storage']['step']) {
    case 1:
      $form['field1'] = array (
        '#type' => 'textfield',
        '#default_value' => formDemo_dv($form_state['storage']['values'][1]['field1']),
        '#title' => t('Test Field'));
      break;
    case 2:
      $form['field2'] = array (
        '#type' => 'textfield',
        '#default_value' => formDemo_dv($form_state['storage']['values'][2]['field2']),
        '#title' => t('Test Field 2'));
      break;
    case 3:
      $form['field3'] = array (
        '#type' => 'textfield',
        '#default_value' => formDemo_dv($form_state['storage']['values'][3]['field3']),
        '#title' => t('Test Field 3'));
      break;
  }
}
```

```
default:
  //blah blah, really you should never get here
  break;
}

//don't show back button on first tab
if ($form_state['storage']['step'] > 1) {
  $form['previous'] = array(
    '#type' => 'submit',
    '#value' => '<< Previous'
  );
}

//show next button all the time in this demo
$form['next'] = array(
  '#type' => 'submit',
  '#value' => 'Next >>'
);
return $form;
}

function formDemo_my_form_submit($form, &$form_state) {
  //save the values for the current step into the storage array
  $form_state['storage']['values'][$form_state['storage']['step']] = $form_state['values'];

  // check the button that was clicked and action the step chagne
  if ($form_state['clicked_button']['#id']=='edit-previous') {
    $form_state['storage']['step']--;
  } elseif ($form_state['clicked_button']['#id']=='edit-next') {
    $form_state['storage']['step']++;
  }

  //tell Drupal we are redrawing the same form
  $form_state['rebuild'] = TRUE;
}
}
```