HTML_TreeMenu Documentation

Introduction

HTML_TreeMenu is a set of PHP classes to enable the easy creation of HTML based tree menus. It currently has the ability to create both DHTML, static and listbox menus. All have the prerequisite of Javascript, however the Javscript code could be used manually, without the PHP classes.

Authors

HTML_TreeMenu was written by Richard Heyes and Harald Radi. Contributions/patches have also been received and incorporated from various people.

Features

- Easy to learn OO based API
- DHTML (traditional) or listbox (<select>) output styles
- Multiple menus per page
- Cross browser DOM compatible DHTML
- Optional branch status persistence using cookies
- Optional static mode without DHTML (still requires Javascript support)
- Per node icon with alternate "expanded" icon
- Per node CSS class specification
- Per node link targets
- Per node Javascript event specification with custom onExpand, onCollapse and onToggle events
- Ability to specify from menu creation if a node is expanded by default, and if it should be made to be visible (ie its parents are expanded)

Structure Overview

There are five classes in total:

HTML_TreeMenu	The "top level" tree class.
HTML_TreeNode	The node class.
HTML_TreeMenu_Presentation	An abstract base class for the next two classes.
HTML_TreeMenu_DHTML	Produces a DHTML style menu.
HTML_TreeMenu_Listbox	Produces a listbox menu.

The HTML_TreeNode class is used to create the structure which is added to an instance of the HTML_TreeMenu class. This is in turn passed to an instance of either of the presentation classes (DHTML or Listbox). These two "presentation" classes have a *printMenu()* method which can be called to print the resulting menu.