



## AJAX collapsible wiki tree

Discuss this template [here](#)

### Description

This template produces a collapsible wiki tree. Rather than pre-fetching the entire tree, it dynamically fetches only as much as necessary via AJAX and the Mindtouch API. This means it loads quickly even if the full tree is very large, and makes it suitable for implementing a navigation tree for an entire wiki site.

If you're not working with a large tree and therefore performance isn't an issue, you can also look at the non-AJAX version, "[CollapsibleTree](#)".

This template was originally implemented by [Blake Harms](#) based on the CollapsibleTree template, and currently maintained by [Neil Weinstock](#).

### Requirements

- Mindtouch 10.0.
- [Deki AJAX API Extension](#) must be installed.
- Template must be installed by user with [UNSAFECONTENT](#) permission
- The two image files, "[collapse\\_icons.gif](#)" and "[loadinfo.net.gif](#)", must be attached to the template page on your wiki.

### Version

Version	Date	Author	Description
1.8.1	12-May-2011	Neil Weinstock	Fixed alphabetization error for top-level list.

### How to Install

These instructions will help you install the template 'AjaxWikiTree' on your wiki quickly and correctly.

Perform the following steps:

1. **Copy the template source code:**
  - A. If the code in the "HTML Source" area below is not already visible and selected, click the "View" button to display and select it.

- B. Copy it to your clipboard (CTRL-C).
- 2. **Create a new template on your wiki:**
  - A. Select the Tools->Templates menu item on your wiki
  - B. Click "New Page" button. This will open the editor on a new page with the title "Template:Page Title".
  - C. Replace "Page Title" with the name of the template.
- 3. **Paste in the source code:**
  - A. In the editor, click the "View->Source" menu item to view the HTML source of the page.
  - B. Select all text (CTRL-A).
  - C. Paste in the template source code from the clipboard (CTRL-V).
- 4. **Click "Save" button.**

**View** [HTML Source for Template:AjaxWikiTree](#)

```
<div id="templateSelfDocumentation" if="false" style="padding:5px; border: 2px dotted black;">
<h2>Documentation</h2> <p>This box includes basic usage information for this template. When calling the template,
this documentation will not appear. Functional template code should be placed <em>outside</em> the dotted box.</p>
<h3>Summary</h3> <table border="1" cellspacing="0" class="summary" style="border-top-style: solid;
border-right-style: solid; border-bottom-style: solid; border-left-style: solid; border-width: 1px; border-style: solid; width:
100%; margin-bottom: 10px;"> <tbody> <tr class="description"> <td style="background-color: rgb(255, 204, 153); width:
175px;"><strong>Template Description</strong></td> <td> <p>This template produces a collapsible wiki tree. Rather
than pre-fetching the entire tree, it dynamically fetches only as much as necessary via AJAX and the Mindtouch API.
This means it loads quickly even if the full tree is very large, and makes it suitable for implementing a navigation tree for
an entire wiki site.</p> <p>If you're not working with a large tree and therefore performance isn't an issue, you can also
look at the non-AJAX version, "<a class="external" title="http://developer.mindtouch.com/App_Catalog/
Collapsible_Page_Tree" href="/App_Catalog/Collapsible_Page_Tree">CollapsibleTree</a>".</p> <p>This template
was originally implemented by <a title="user:blakeh" href="/User:BlakeH">Blake Harms</a> based on the
CollapsibleTree template, and currently maintained by <a title="user:neilw" href="/User:neilw">Neil Weinstock</a>.</p>
</td> </tr> <tr class="requirements"> <td style="background-color: rgb(255, 204,
153);"><strong>Requirements</strong></td> <td> <ul> <li>Mindtouch 10.0.</li> <li><a class="external"
title="http://developer.mindtouch.com/App_Catalog/Deki_AJAX_API" href="/App_Catalog/Deki_AJAX_API">Deki AJAX
API Extension</a> must be installed.</li> <li>Template must be installed by user with <a class="external"
title="http://developer.mindtouch.com/en/kb/Using_templates_which_require_UNSAFECONTENT_permission" href="/
en/kb/Using_templates_which_require_UNSAFECONTENT_permission">UNSAFECONTENT permission</a></li>
<li>The two image files, "<a class="external" href="/@api/deki/files/7034/=collapse_icons.gif" title="/@api/deki/files/
7034/=collapse_icons.gif">collapse_icons.gif</a>" and "<a class="external" href="/@api/deki/files/7035/
=loadinfo.net.gif" title="/@api/deki/files/7035/=loadinfo.net.gif">loadinfo.net.gif</a>", must be attached to the template
page on your wiki.</li> </ul> </td> </tr> <tr class="docPage"> <td style="background-color:
rgb(255,204,153);"><strong>Documentation URL</strong></td> <td>http://developer.mindtouch.com/App_Catalog/
AJAX_collapsible_wiki_tree</td> </tr> <tr class="discussionPage"> <td style="background-color:
rgb(255,204,153);"><strong>Discussion URL</strong></td> <td><span
class="nowiki">http://forums.developer.mindtouch.com/
showthread.php?5972-NEW-AJAX-Collapsible-Wiki.Tree</span></td> </tr> </tbody> </table> <h3>Version
History</h3> <p>Place newest version at the <em>top</em> of the table.</p> <table border="1" cellspacing="0"
class="versions" style="border-top-style: solid; border-right-style: solid; border-bottom-style: solid; border-left-style:
solid; border-width: 1px; border-style: solid; width: 100%; margin-bottom: 10px;"> <colgroup> <col width="100px" />
<col width="125px" /> <col width="150px" /> </colgroup> <thead> <tr> <th scope="col" style="background-color:
rgb(255,204,153)"><strong>Version</strong></th> <th scope="col" style="background-color:
#ffcc99"><strong>Date</strong></th> <th scope="col" style="background-color:
#ffcc99"><strong>Author</strong></th> <th scope="col" style="background-color:
#ffcc99"><strong>Description</strong></th> </tr> </thead> <tbody> <tr> <td>1.8.1</td> <td>12-May-2011</td>
<td>Neil Weinstock</td> <td>Fixed alphabetization error for top-level list.</td> </tr> <tr> <td>1.8</td>
<td>11-May-2011</td> <td>Neil Weinstock</td> <td><ul> <li>Replaced wiki.tree() to speed things up a bit</li>
<li><span style="color:#ff0000;"><strong>Now require image files to be attached to template
page</strong></span></li> <li>other minor clean-up</li> </ul> </td> </tr> <tr> <td>1.7</td> <td>30-Sep-2009</td>
<td>Neil Weinstock</td> <td>Converted to use page IDs as links, to fix all character encoding and URL escaping
issues</td> </tr> <tr> <td>1.6</td> <td>4-Sep-2009</td> <td>Blake Harms</td> <td>Fixes for German language -
Thanks <a title="user:baum" href="/User:baum">Baum</a>!</td> </tr> <tr> <td>1.5.1</td> <td>10-Jul-2009</td>
<td>Blake Harms</td> <td>Removed click function from pages that do not have subpages</td> </tr> <tr> <td>1.5</td>
<td>10-Jul-2009</td> <td>Blake Harms</td> <td>Added Ajax checks for subpage #s and added depth to the
bullets</td> </tr> <tr> <td>1.3</td> <td>10-Jul-2009</td> <td>Blake Harms</td> <td>Fixed XML parsing for all major
browsers</td> </tr> <tr> <td>1.2</td> <td>9-Jul-2009</td> <td>Blake Harms</td> <td>Fixed a MAJOR bug where IE
didn't read XML properly</td> </tr> <tr> <td>1.0</td> <td>9-Jul-2009</td> <td>Blake Harms</td> <td>First version
posted to App Catalog</td> </tr> </tbody> </table> <h3>Template Parameters</h3> <table border="1" cellspacing="0"
class="parameters" style="border-top-style: solid; border-right-style: solid; border-bottom-style: solid; border-left-style:
solid; border-width: 1px; border-style: solid; width: 100%; margin-bottom: 10px;"> <thead> <tr> <th
style="background-color: rgb(255, 204, 153); width:150px"><strong>Name</strong></th> <th style="background-color:
rgb(255, 204, 153); width:100px"><strong>Type</strong></th> <th style="background-color: rgb(255, 204, 153);
width:150px"><strong>Default</strong></th> <th style="background-color: rgb(255, 204, 153);
"><strong>Description</strong></th> </tr> </thead> <tbody> <tr> <td>path</td> <td rowspan="1">str?</td> <td
rowspan="1">page.path</td> <td rowspan="1">Path to the root of the tree</td> </tr> <tr> <td>slide</td> <td
rowspan="1">bool?</td> <td rowspan="1">false</td> <td rowspan="1">Use "slide" effect to collapse and expand
sub-trees</td> </tr> </tbody> </table>
</div>
<h2 if="false">Template Code</h2>
<h3 if="false">UNSAFECONTENT Permission check</h3>
```

## Parameters

Name	Type	Default	Description
path	str?	page.path	Path to the root of the tree
slide	bool?	false	Use "slide" effect to collapse and expand sub-trees

## Historical Notes from Blake

NeilW wrote up his [CollapsibleTree](#) template so I immediately placed it at my root page and waited. And waited. And waited. With thousands of pages to process, it just wasn't worth the wait. Even on Chrome (which, arguably, has the fastest javascript engine). But it wasn't his fault, it was A LOT of pages. For a few pages, I would definitely recommend his template. But for a full-page structure, consider AJAX.

There are a few modifications. For instance, you cannot use just any tree. That wouldn't make any sense. This template is for loading thousands of pages based on the wiki hierarchy asynchronously. The way the template generates the tree is by calling `wiki.tree(path,1)` so that it only loads the first bit.

I considered loading the whole tree and only applying the javascript to code the subtree that was opened, but that wasn't nearly as cool. Plus, what if a page is created during the time that the tree is loaded and the javascript is run? You wouldn't get that page! Worlds would end, kittens would be murdered, and you wouldn't be up to date. For all these reasons, AJAX was chosen.

As with all of my "applications" I began this at home just to test some things out. And because I thought it would be fun. :P I quickly realized though, that it would be very useful everywhere, so I posted it here. I think it's matured quite well.

Have fun and enjoy!

**Want to see more features? Have a bug to report? File them both [here!](#)**

## Examples

To show the tree starting at the current page:

```
{{ AjaxWikiTree () }}
```

To show a list from another page (As in the demo), add a parameter:

```
{{ AjaxWikiTree ("path/to/tree") }}
```

Add a slide effect:

```
{{ AjaxWikiTree("path/to/tree", true) }}
```

And now, to demonstrate the RAW POWER of this template, I will attempt to load the ROOT PAGE!  
missing value for parameter 'map' (index 0) (click for details)

That wasn't too bad.

