

ajax theme



The ajax theme is deprecated!

The ajax theme extends the [xhtml theme](#) with AJAX features. The theme uses the popular DOJO AJAX/JavaScript toolkit. AJAX features include:

- [AJAX Client Side Validation](#)
- Remote [form](#) submission support (works with the [submit](#) tag as well)
- An advanced [div](#) template that provides dynamic reloading of partial HTML
- An advanced [a](#) template that provides the ability to load and evaluate JavaScript remotely
- An AJAX-only [tabbedPanel](#) implementation
- A rich pub-sub event model
- Interactive autocomplete tag

✓ See also: [Ajax tags](#)

Browser Compatibility

AJAX (as a technology) uses a browser-side scripting component that varies between browsers (and sometimes versions). To hide those differences from the developer, we utilize the dojo toolkit (<http://www.dojotoolkit.org>). Several browsers are supported by dojo, and any UI's created with the ajax theme should act the same way for supported browsers. The supported browsers are:

- IE 5.5+
- FF 1.0+
- Latest Safari (on up-to-date OS versions)
- Latest Opera
- Latest Konqueror

Extending the AJAX Theme

The wrapping technique utilized by the ajax theme is much like [xhtml theme](#), but the `controlheader.ftl` is a wee bit different.

```
<#if parameters.label?if_exists != "">
  <#include "${parameters.templateDir}/xhtml/controlheader.ftl" />
</#if>
<#if parameters.form?exists && parameters.form.validate?default(false) == true>
  <!-- can't mutate the data model in freemarker -->
  <#if parameters.onblur?exists>
    ${tag.addParameter('onblur', "validate(this);${parameters.onblur}")}
  <#else>
    ${tag.addParameter('onblur', "validate(this);")}
  </#if>
</#if>
```

The header provides for [AJAX Client Side Validation](#) by checking if the `validate` attribute is set to true. If it is, a validation request is made on each `onblur` event for a HTML [Struts Tags](#). Some people don't like the `onblur` behavior; they would rather a more advanced timer (say, 200ms) be kicked off after every keystroke. You can override this template and provide that type of behavior if you would like.

Special Interest

Three `ajax_xhtml` templates of special interest are `head`, `div`, and `a`.



Especially with the ajax theme, it is important to use the [head](#) tag. (See the [ajax head template](#) for more information.) Without it, AJAX support may not be set up properly.

- [ajax head template](#)
- [ajax div template](#)
- [ajax a template](#)

✓ In addition to these templates, be familiar with the [ajax event system](#) provided by the framework and Dojo.