

## **Changes to Mozile between 0.6.22 and 0.6.22.6**

**Mozile 0.6.22.6 - 1 Feb 2006**

### **Browser**

This version only works in Firefox 1.5. It should be possible to get it working again in Mozilla with changes to the installation procedure and possibly minor changes to the browser overlay file.

### **Mozile Detection**

The detection still requires clicking once in a document to correctly reset the toolbar. Ideally the toolbar would change whenever you swap a browser tab, either via a mouse click or a keyboard shortcut, but I can't see this being added to the 0.6 version.

- \* Mouse click now detects a click on a browser tab and shows/hides the toolbar according to the Mozile autohide preference.

- \* Timeout resets the toolbar after using navigation keys such as up/down arrow, page up/down.

- \* When an editable selection is not detected the Mozile Commands menu is hidden.

- \* Show tags works once Mozile has been detected for the first time.  
The state of the Show-Tags button is now remembered for each window.

- \* *beforeunload* event : changed to include a custom message.

- \* *unload* handler added to *mozileConfiguration.js*.  
This resets the toolbar, etc when the window containing the current *mozileTarget* is unloaded.

- \* NEW Wake up detection for xhtml documents. A load event scans all documents.  
It can "wake up" Mozile if the special *meta* tag is present in xhtml documents.

**<meta name="mozile" content="...anything...">**

If detected, any custom RSD and MES configuration files are immediately loaded.

The presence of the meta tag also prevents users from making the entire document editable.  
[Future: add version information so that Mozile can be disabled if it is an incompatible version. Plus maybe add a url to where the new version can be downloaded.]

- \* Detection of xhtml textarea and input boxes now fixed so that you can enter data into them if they occur in an editable area. (This doesn't mean forms are supported by Mozile.)

### **Mozile Options**

- \* Options : Allow Mozile to override browser command keys.  
This is now implemented. If enabled, when in an editable section all ctrl/meta and alt key presses are handled by Mozile. It allows all the hard-coded Mozile shortcuts, and any shortcuts specified for toolbar buttons and menu items in the MES. If disabled, Mozile ignores all the hard-coded and MES shortcuts.

- \* For mouse clicks the override preference prevents the default action when you left click on a hyperlink. (i.e. you don't navigate away.) The caret is focused where you click in the link. Right click is still allowed, so you can right click and open in a new window.

- \* Options : Mozile enable/disable option added.

Disable removes the mouse and keyboard event listeners and prevents just about all commands from being executed.

## **MozileToolbar**

- \* Mozile Toolbar menus now support access keys.
- \* Context menus can now have a text label. Previously they could only have an image.
- \* MES has option to hide any of the fixed toolbar buttons. (Corresponding keyboard shortcuts are NOT disabled.) If the Source Edit button is disabled the source editing window is automatically closed.

## **MES**

- \* MES has option to set default xhtml container.
- \* toggleStyle command can now toggle multiple styles.
- \* Line indent (margin-left) and list indent (nesting lists) separated as two different commands.
- \* Line indent can now have an argument (size of indent).

## **Editing**

- \* shift+spacebar now inserts a non-break space.
- \* tab inserts a tab character if *white-space: pre*, otherwise does nothing.
- \* Delete key (i.e. delete one character to the right) improved. Now doesn't delete to the left if at the end of the editable section. (This resulted from DELETE being implemented as one space forward, then BACKSPACE (delete left).)
- \* Simple XHTML Lists (ul and ol) - You can now break out from the end of a simple (i.e. one level deep) list.
- \* Nested Lists - Some corrections made to indent/outdent of nested lists but this is still incomplete. Previously, lists were indented with invalid xhtml tag nesting.
- \* Typing - State is saved after the first keypress to the Mozile Undo stack. Avoids possible problem of navigating away from the page if you haven't typed enough chars to hit the auto save limit.
- \* Xhtml break tag. Changed eDOM so that it is not forced to have a CSS "display" value of "block". Normally it has the value "inline". Break implementation still incomplete.
- \* Improved the normalizing and removing of redundant inline styles.
- \* Corrected bugs with xhtml link command. Can now single click anywhere in a link and either remove it using the unlink command, or change or remove the current href value using the link command.

## **General**

- \* MES/toolbar.js  
MES data is added to each editable document rather than being global.  
E.g. variable mesCommands replaced by mozileTarget.document.mesCommands, etc.  
This means you can have a different MES for documents open in multiple tabs.

\* Special Chars - Configuration and additional MES data is now added to each editable document rather than being global.

\* Mozile Undo feature - tidied up several places where blank or double "do" was performed. Still needs further work because "do" executed before commands and takes no account of commands that fail to make any changes to the document. Small change to remove slack when you change direction in undo/redo.

\* All variables loaded into target window/document should now begin with "mozile" to prevent any possible clash with other javascript variables.

\* Cut/Paste. Changed default to "text" as this seems to work.

Use this in your RSD "pasteMode" settings.

Haven't tested the XML/HTML modes but I think they need a bit of tweaking to get them to work.

\* I think that Source Edit is one of the few features left that doesn't save state on a per document basis.

\* Bug where Commands menu gets stuck down may be fixed.

\* eDOM/EDOMXHTML - considerable rewrite of eDOMXHTML and numerous bug fixes/changes to eDOM. Still some more to do.

## ***Minor Fixes***

\* BUG :: Pasting in text mode. Inserted text node wasn't being normalized. This resulted in you being asked if you wanted to navigate away from the page the next time you clicked on the inserted text.

\* BUG :: /xul/info.js - javascript error using typeof, missing quotes around "undefined".

\* BUG :: /main/mozileSpecialChars.js - line 273, undeclared variable block.

\* Duplicate mozileVersion in mozile.js and mozileMain.js. Removed duplicate from mozile.js and replaced with a call that uses mozile.version. options.js modified to still work correctly when opened from the main Firefox extensions menu.