

Changes to Mozile between 0.6.24 and 0.6.25

Mozile 0.6.25 - 20 March 2006

Bug fixes - Lists, deleting

1. List items containing other block level elements such as <p> should now outdent correctly. The tag was not being removed.
2. Delete/Backspace should both now work at, and just before, the start of a list.
3. Each deletion is now added to the Undo stack. Previously a deletion didn't necessarily get added to the undo stack - this made the Undo appear to be a bit jumpy and inconsistent. The only drawback to the new method is that holding down the Delete/Backspace key to delete large chunks of text fills up the undo stack and will make Undoing the text rather slow.
4. Minor changes to the style of the "About" dialog and adding non-break spaces to ensure people's names don't get split across lines.

Online documentation

The developer documentation is now online, with links to the files in CVS.

Demos

Updated the Custom MES basic text editor; new styling, changed Tag CSS file.

Changes to Mozile between 0.6.23 and 0.6.24

Mozile 0.6.24 - 17 Feb 2006

Build

Two builds, some of the docs and testing files only included in the "devel" build. Other than this both should have the same code.

mozile-0.6.24.xpi : without JUnit testing file and developer docs

mozile-0.6.24-devel : developer version.

Commands

styleLines bug fixed : it was not working correctly when there was only a single line in the editable area.

styleText/toggleStyle bug fixed : wasn't correctly selecting text nodes when applied across some ranges. (Bug fix in eDOM textNodes function.)

When the Enter key is pressed at the end of an XHTML Heading Line (h1 to h6) a new Paragraph Line (p) is now created. Previously, a new Heading Line would be created. Pressing the Enter key at any other position within the line splits the Heading line into two Heading lines, as before.

POST Saving

A small correction has been made to the code. The content length header can no longer be set and is applied automatically. The content length is equal to the length of the saved data + 4. (Pre-Firefox I think the content length was equal to the length of the saved data excluding the CR/LF's.) The save data is preceded and followed by a CR/LF pair, as before. Updated the POST Save docs to remind people to remove the CR/LF pairs when processing the data server side. (If you don't you add an extra CR/LF pair before and after the data every time you save.)

Changes to Mozile between 0.6.22.7 and 0.6.23

Mozile 0.6.23 - 9 Feb 2007

Options

The enable/disable Mozile option has been reworded to avoid any confusion with the extension enable/disable option. The alert saying that Mozile is switched OFF has been removed. The toolbar icons are now dimmed when Mozile is switched off. Clicking the toolbar buttons doesn't do anything. Shortcut added - double click Mozile menu to toggle ON/OFF.

Caret and Navigation

Some changes made to insertion point forward movement to fix bugs to do with getting stuck when an image is at the end of a line. Some changes made to insertion of `
` element. Seems to be working better, although code to correctly handle deletion of break and whitespace in one go, and the handling of an editing token when `
` is at the end of the line remain.

XHTML Line Splitting (Enter key)

I've added a lookup table to check if splitting can occur. This stops splitting if you make Line containers such as "p" or "h1" the top editable element, or if you use inline elements such as "span" as the top editable element. Not all commands check if what they do is valid. E.g. you can incorrectly change the line container when "span" is the editable element. Hence, currently difficult to mix editing of div's and span's with the same MES.

Demos

Added an additional demo so that you can test what happens with "div", "p" or "b" as the top editable element.

CVS

All the files should be in CVS now in the following folder:
mozile\source\extension\mozile-0.6

Changes to Mozile between 0.6.22.6 and 0.6.22.7

Mozile 0.6.22.7 - 2 Feb 2007

Installation

Version number increased in *install.rdf* so that it now works in Fx 1.5.0.1

Testing

The JUnit testing directory put back in, although no updates to the test files. Interestingly, I haven't updated the testing document, which is an xml file with an xsl transform. This won't open, as noted before, and gives a security warning. However, I changed the link to point to the testing directory, and my PC now gives a list of all the files in the directory when I click the link. When I click on the "mozileTesting.xml" file it now opens... Is this a security hole, or the other error a security bug?

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.