



CONFLUENCE

DOCUMENTATION

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Planning for Confluence 4.0

Use this page as a one-stop-shop to help you prepare for Confluence 4.0 and its new editor.

Try Confluence 4.0!

Download or trial [Confluence 4.0](#) here.

Customer Webinar

Atlassian will be running a webinar on Confluence 4.0. See the [planning page](#) for more information.

Live Webinar »

September 27th 8 AM Pacific

Confluence 4.0 Guides

For Administrators

We've been working hard to make your life easier upgrading to Confluence 4.0. Here are some resources to help:

- [Confluence 4.0 Release Notes](#)
- [Quick Administrator Tips To Prepare for Confluence 4.0](#)
- [Summit 2011 Talk - on upgrading to Confluence 4.0](#)
- [Summit 2011 Talk - Confluence 4 State of the Union](#)
- [Confluence 4.0 Editor FAQ](#)
- [Trying Confluence 4.0 Yourself](#)
- [Wiki Markup to XHTML Migration](#)

For Plugin Developers

Plugin developers - check out the guides we've created for you to help you migrate your plugins to 4.0:

- [Preparing for Confluence 4.0](#)
- [Macro Tutorials for Confluence 4.0 \(including new macro plugin points\)](#)
- [Plugin points for the editor in 4.0](#)
- [Plugin Development Upgrade FAQ for 4.0](#)
- [Watch a webinar on preparing plugins for 4.0](#)
- [AtlassianCamp 2010 - Confluence 4.0 Plugin Migration Talk](#)
- [Trying Confluence 4.0 Yourself](#)
- [Changes to the remote API in Confluence 4.0](#)

For Users

To make the transition easier to Confluence 4.0, we've created some guides for you:

- [Quick Reference Guide for the Confluence Editor](#)
- [What's Changed for Wiki Markup Users](#)
- [What's Changed for Users of the Old Rich Text Editor](#)
- [Trying Confluence 4.0 Yourself](#)
- [Confluence 4.0 Editor FAQ](#)

Need help upgrading? Don't forget [Atlassian has a large list of partners](#) that can help you with your upgrade.

Have problems? Please refer to your [Confluence 4.0 Known Issues](#) page for latest information on how to resolve issues specific to this release.

Confluence 4.0 Editor FAQ

Confluence 4.0 introduces a new editor. We first made this announcement at Atlassian Summit in June 2010.

This page contains answers to common questions about the move to the Confluence 4.0 editor.

How can I stay informed about the progress of the new Confluence 4.0 editor?

Here are some things you can do to keep up with the news about the Confluence 4.0 editor:

- Watch the [Confluence 4.0 Editor FAQ](#) page, and any other pages you like, if you would like Confluence to send you an email when we update the page.
To watch a page, sign up for a username on this documentation wiki if you do not already have one, then open the 'Tools' menu on the page and click 'Watch'.
- Sign up to the Confluence User Task Force.
What is the User Task Force? Click here to expand the section below...
The purpose of this user task force is to give you the opportunity to provide a more detailed level of feedback on Confluence as a product. This will help us learn more about our market and better meet your needs. Members of the task force would be asked to participate in such things as:
 - General surveys on Confluence use cases, features and ideas.
 - Feedback on early releases of the product.
 - Usability and user experience testing.

How often would you be asked to participate? As a general rule we won't be asking you to participate any more than once a month.

We will notify all members of the Confluence User Task Force once the new editor is available for feedback. [You can sign up here.](#)

Why is Atlassian introducing a new editor in 4.0?

The editor is the single most important feature in Confluence. Confluence 3.5 has two editors: the rich text editor and the wiki markup editor. Each has its strong points and weak points.

- The rich text editor in particular has problems in stability and consistency, because it has to convert all content from rich text to wiki markup before storing content on the database. This leads to the so-called 'round-tripping' problems, where the page looks different in display mode than when created in edit mode.
- Many people find the wiki markup editor hard to use, particularly for long pages and complex layouts. We often hear from customers that the number one barrier to wiki adoption in their organisation is that people have to learn wiki markup.

Many customers have given us great feedback on the shortcomings of the current editors and the things they would like to see in a Confluence editor. We are introducing a single new editor to replace both the wiki markup editor and the rich text editor. The new editor will help us to solve the problems mentioned above and will provide a stable platform on which we can build high-demand features in future releases.

On this page:

- [How can I stay informed about the progress of the new Confluence 4.0 editor?](#)
- [Why is Atlassian introducing a new editor in 4.0?](#)
- [What about features that were previously available only in wiki markup?](#)
- [So you are basically eliminating the wiki markup editor and keeping the rich text editor?](#)
- [Will you be able to paste wiki markup into the new Confluence editor?](#)
- [Will Confluence 4.0 support the Office Connector, including 'Edit Page in Word' functionality?](#)
- [In Confluence 4.0, will you be able to merge and split table cells?](#)
- [When will the new editor appear in Confluence?](#)
- [What does the new editor look like?](#)
- [Will Confluence still have a wiki markup editor?](#)
- [What format will Confluence use to store its page content?](#)
- [Will you be able to edit the source XHTML code directly?](#)
- [Will there be a tool to convert existing content from wiki markup to the new XHTML format?](#)
- [Will there be any API changes?](#)
- [How many Confluence 3.x releases will you have before 4.0?](#)
- [Will the remote XML-RPC API still work in Confluence 4.0?](#)
- [Will the new editor be included in JIRA?](#)
- [Does the SharePoint Connector support Confluence 4.0?](#)

What about features that were previously available only in wiki markup?

We have identified these features and will add support for as many as possible in the new editor. For example, the new editor will include superscript and subscript text formatting, which is currently not available in the Confluence 3.5 rich text editor.

So you are basically eliminating the wiki markup editor and keeping the rich text editor?

No. While the new editor is WYSIWYG like the current rich text editor, the new editor has a completely different architecture based on XHTML and is faster and significantly more reliable. Our goal is to incorporate the strengths of wiki markup with the richness and intuitiveness of the WYSIWYG editor to produce a rich, hybrid editing experience. In particular, we are introducing options that offer the speed of the old wiki markup editor, via new features such as autocomplete and shortcut keys.

Will you be able to paste wiki markup into the new Confluence editor?

There will be multiple ways to insert wiki markup in the new editor.

For those of you that have learned wiki markup and are used to the speed of wiki markup we are really excited to let you know that you will still be able to write wiki markup in the new editor. This wiki markup converts 'on the fly', providing one of the fastest editing experiences yet.

For those of you that have scripts that produce wiki markup, or often write wiki markup in meetings, the new Confluence 4.0 editor introduces an **Insert > Wiki markup** dialog which will let you paste wiki markup for a one-way conversion.

Will Confluence 4.0 support the Office Connector, including 'Edit Page in Word' functionality?

Most of the features of the Office Connector (the View File macros, Import from Word) already work in 4.0. However, the 'Edit in Word' feature will be removed in Confluence 4.0.

When speaking to customers about the use of the 'Edit in Word' functionality, the *primary reason* for using this feature was 'familiarity'. Business users in organisations have found the 3.5 editor and wiki markup hard to learn.

In Confluence 4.0, we have greatly simplified the new editor user interface. With extensive usability testing, we are confident the new editor will be easier to learn and more reliable to use. We also have a large majority of customers who do not use the 'Edit in Word' functionality.

Please Note: We are referring to the "Edit Page in Word" functionality - not the "Edit Attachment in Word" functionality. Editing attachments in Word will still work fine, i.e. launching Word to edit Word documents that are stored in Confluence.

In Confluence 4.0, will you be able to merge and split table cells?

Yes, you will be able to merge and split table cells. This is a brand new feature in Confluence 4.0.

When will the new editor appear in Confluence?

The new editor is in Confluence 4.0, scheduled for release in 2011.

What does the new editor look like?

Confluence 4 is currently available for download through our Early Access Program. You can download and try the new editor for yourself. This is a great opportunity to provide early feedback to us. More details [about this here](#). You can also watch a video preview of Confluence 4 from our Atlassian Summit in June 2011. Watch the video at this link (http://www.youtube.com/watch?v=gVa_H3z_BTg#t=15m10s).

Will Confluence still have a wiki markup editor?

No. The vision is incorporating the best parts of the wiki markup editor into the new editor to provide the best of both worlds.

What format will Confluence use to store its page content?

XHTML. Up to now, Confluence has stored its content in the database as wiki markup. In Confluence 4.0, the content will be stored as XHTML. Basically, XHTML is like HTML but complies with stricter formatting rules. Where HTML is based on SGML, XHTML is based on XML, which is a subset of SGML. Because XHTML documents need to be well formed, they can be parsed using standard XML parsers.

Will you be able to edit the source XHTML code directly?

Confluence 4.0 will not have an "edit XHTML source" mode. More sophisticated macro placeholders, images and link handling in Confluence 4.0 entail a lot of custom XHTML which make the new storage format much more complex than standard HTML. Editing this storage format by hand could result in corrupt content and the loss of page data. Source editing will still be editable via the APIs and the WebDAV client.

Will there be a tool to convert existing content from wiki markup to the new XHTML format?

Yes. Where possible, Confluence will automatically upgrade existing content into the new XHTML storage format. There will be some API changes (we are trying to keep these to a minimum) and we will provide mechanisms to convert wiki markup to XHTML.

Read the [Plugin Development Upgrade FAQ for 4.0](#) or [Planning for Confluence 4.0](#) to learn more about API changes.

Will there be any API changes?

Yes. There will be some API changes (we are trying to keep these to a minimum) and we will provide mechanisms to convert wiki markup to XHTML.

Read the [Plugin Development Upgrade FAQ for 4.0](#) or [Planning for Confluence 4.0](#) to learn more about API changes.

How many Confluence 3.x releases will you have before 4.0?

There will be no more 3.x releases before 4.0. Confluence 3.5 is our last 3.x release.

Will the remote XML-RPC API still work in Confluence 4.0?

We currently plan to keep the existing XML-RPC API but only allow write access which will automatically convert wiki markup to XHTML. This will allow you to create new pages or update existing pages as usual. We can't allow read access, however, because we can only return XHTML, which will break the existing APIs contract of returning wiki markup. To cover those use cases and to have a fully XHTML capable API, we will introduce a new API available through a separate URL which will also have a new method to migrate wiki markup to XHTML.

Developers should read [Preparing for Confluence 4.0](#) to learn more about API changes.

Will the new editor be included in JIRA?

At the moment we don't have any plans to do this. However, we are open to this idea and would welcome any customer feedback in this area.

Does the SharePoint Connector support Confluence 4.0?

We are working to add Confluence 4.0 support to the SharePoint connector. We plan to have a 4.0-compatible version at some point in the future.

RELATED TOPICS

[A developer's guide to preparing for Confluence 4.0](#)

Confluence 4.0 Editor - What's Changed for Users of the Old Rich Text Editor

This page is a quick-reference guide describing the changes to the editor in Confluence 4.0, showing you how to perform your day-to-day tasks in the new editor. This guide is for people who regularly used the Rich Text Editor in earlier versions of Confluence.

On this page:

- [How to Get Started Quickly](#)
- [Before and After Guide](#)
 - [Using Old Rich Text Editor](#)
 - [Adding Macros](#)
 - [Formatting Text](#)
 - [Adding Symbols and Emoticons](#)
 - [Linking text](#)
 - [Using bulleted and numbered lists](#)
 - [Using tables](#)
 - [Displaying images](#)
 - [Embedding multimedia files](#)
- [Functionality that is No Longer Available](#)

How to Get Started Quickly

1. **Try the commands and menus you know from the old Rich Text Editor.** The new editor incorporates much of the existing functionality.
2. **Learn the keyboard shortcuts.** Click the help icon  on the editor toolbar to see a list of keyboard shortcuts.
3. **Undo the autocomplete and autoformat actions.** To undo something that autocomplete or autoformat has done, press **Backspace** on your keyboard. Alternatively, press **Ctrl+Z** (Windows) or **Cmd+Z** (Mac).

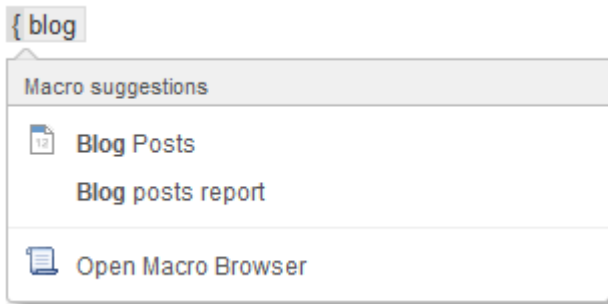
Before and After Guide

Below are the most commonly used RTE menu options and how they play into the new editor menu.




Using Old Rich Text Editor

What You Did Before	What to Do Now
Basic typing and editing: Typed your content directly into the editor window, using the toolbar buttons to insert other content.	Your experience should be much the same. Generally, the transition from using the Confluence 3.5 Rich Text Editor to the new Confluence 4.0 editor should be smooth. Try doing things the way you always did, and check the table below if you can't find the feature you're looking for.

Adding Macros

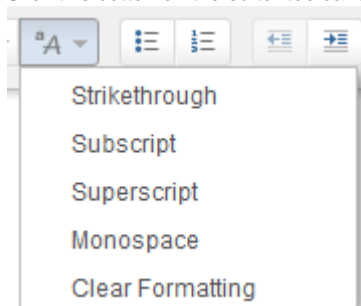
What you did before	What to do now (press Enter to complete actions)
Adding a macro to your page: Clicked 'Insert / Edit Macro'.	<p>Type '{' and start typing the macro name to see a list of macros that match your text. Press the arrow keys to select the macro you want. Example:</p>  <p>Macro suggestions</p> <ul style="list-style-type: none"> Blog Posts Blog posts report Open Macro Browser <p>i You can still click 'Insert' > 'Other Macros'.</p>

Formatting Text

What you did before	What to do now
Making text bold, <i>italic</i> or <u>underlined</u>: Selected text and clicked the respective menu button.	No change.
Heading levels: Selected text and chose a heading level from the menu.	No change.
Left, centre and right alignment: <i>Not available in previous versions of Confluence.</i>	Click the left, centre and right alignment buttons on the editor toolbar:  <p>i This can also be used to align images independently of text.</p>
Indentation: Click the left and right indentation buttons on the editor toolbar: 	No change. Click the left and right indentation buttons on the editor toolbar: 

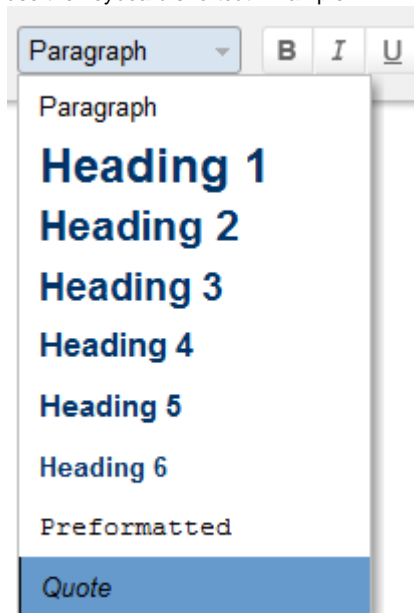
Making text strikethrough, monospace, superscript or subscript:
Selected text and clicked the respective menu button.

Click this button on the editor toolbar and select from the drop-down list. Example:



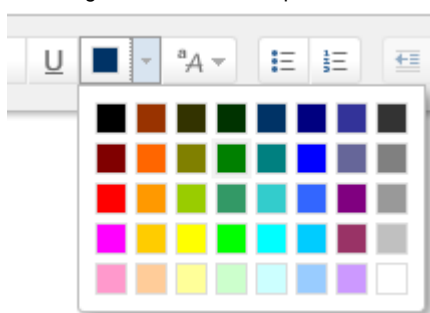
Quoting text:
Selected text and chose the 'Quote' style from the drop-down menu.

No change: Use the *Quote* style – select '**Quote**' from the style dropdown menu or use the keyboard shortcut. Example:








Changing text colour:
Selected text and chose a colour from the menu bar.

No change: Click the colour options on the editor toolbar. Example:

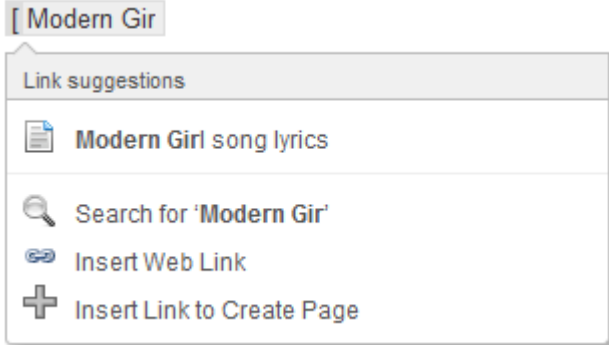

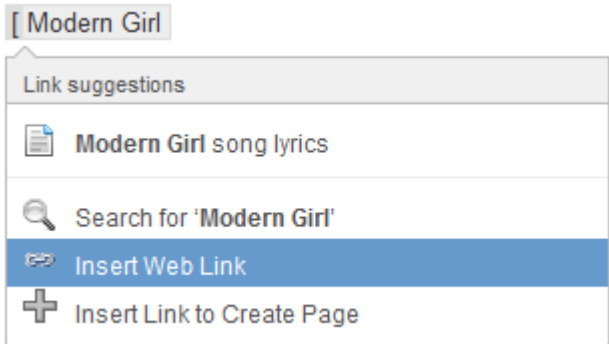

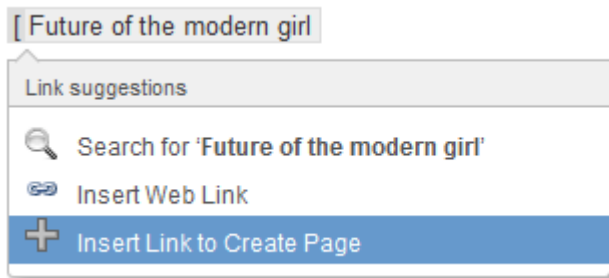


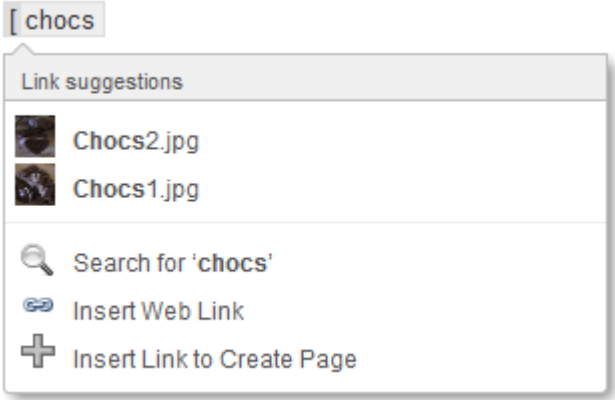
Adding Symbols and Emoticons

What you did before	What to do now
Smiley: Clicked 'Insert' > 'Emoticon' on the toolbar. 	<p>Type the globally-recognised markup for a smiley face (colon and round bracket), a wink (semicolon and round bracket), and so on. Autocomplete will convert it as you type. Example:</p> <p>:)</p> <p> You can still click 'Insert' > 'Emoticon' on the toolbar.</p>

Tick or check mark: Clicked 'Insert' > 'Emoticon' >  .	Type a forward slash in round brackets. Autocomplete will convert it as you type. Example: (/)  You can still click 'Insert' > 'Emoticon' >  .
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Linking text

What you did before	What to do now (press Enter to complete actions)
Linking to a Confluence page: Clicked 'Insert' > 'Link' on the toolbar.	Type a square bracket '[' and start typing the page name to see the suggested pages to link to. Press the arrow keys to select the page you want. Example:   You can still click 'Link' on the toolbar.
Linking text to a web page: Selected the text and clicked 'Link' > 'Web Link' on the toolbar and typed the URL into the dialog box. }	Type a square bracket '[' and select 'Insert Web Link', then paste the URL into the link dialog. Example:   You can still use 'Link' > 'Web Link' on the toolbar.
Linking to a page that does not yet exist: <i>Not available in previous versions of Confluence.</i>	Type a square bracket '[' and the name of the non-existent page, then select 'Insert Link to Create Page'. Example: 
Linking to a mailto link: Clicked 'Link' > 'Web Link' on the toolbar and typed mailto:username@example.com	No change. You still click 'Link' > 'Web Link' on the toolbar and type mailto:username@example.com


Linking to an anchor on a page: Clicked 'Link' > 'Web Link' on the toolbar and typed 'DestinationPage#AnchorName'.	No change. You still click 'Link' > 'Web Link' on the toolbar and type 'DestinationPage#AnchorName'.
Linking to an attachment: Clicked 'Link' > 'Attachment' on the toolbar.	Type a square bracket '[' and start typing the attachment name to see the suggested attachments to link to. Press the arrow keys to select the item you want. Example:  <p>i You can still click 'Link' > 'Attachment' on the toolbar.</p>

Using bulleted and numbered lists

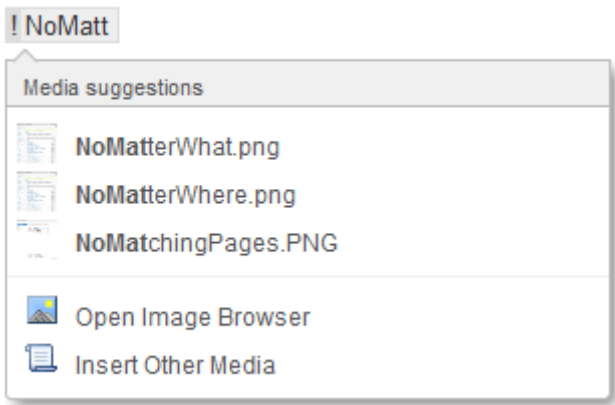
What you did before	What to do now (press Enter to complete actions)
Adding bullets: Clicked 'Unordered List' on the toolbar.	Type an asterisk '*' followed by a space. Autoformat will convert the line to a bulleted list. You can continue typing your text immediately. Example: My list: <ul style="list-style-type: none"> bullet item <p>i To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.</p> <p>i You can still click 'Bullet List' on the toolbar.</p>
Adding numbered items: Clicked 'Ordered List' on the toolbar.	Type a hash or pound '#' followed by a space. Autoformat will convert the line to a numbered list. You can continue typing your text immediately. Example: My list: <ol style="list-style-type: none"> bullet item <p>i To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.</p> <p>i You can still click 'Numbered List' on the toolbar.</p>
Adding line breaks in a numbered/bulleted list: Pressed Shift+Enter.	No change. You can still press Shift+Enter.

Using tables

What you did before	What to do now
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Adding a table: Clicked 'Insert Table' on the toolbar.	Type a series of pipe characters ' ' then press Enter . Autoformat will convert the pipes to a table. Example – to create a table with three columns:  You can still click 'Insert' > 'Table' on the toolbar.
Editing a table: Used the table buttons on the toolbar.	No change, you can still use the toolbar table editing controls, with new features such as table merge and split.

Displaying images

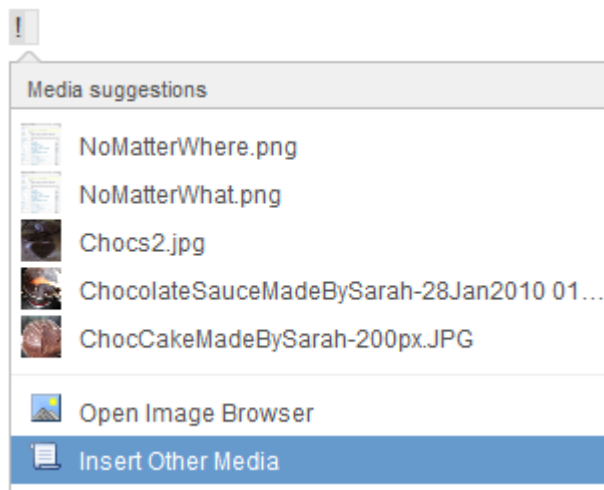
What you did before	What to do now (press Enter to complete actions)
Displayed an image attached to the page: Typed/pasted the image name inside exclamation marks '!'. Example: !NoMatterWhat.png!	Type an exclamation mark '!' and start typing the image name to see the suggested images to insert onto the page. Press the arrow keys to select the item you want. Example: 
Displaying an image attached to another page: Clicked 'Insert Image' > 'From the Web' and inserted the URL of the image on the other page.	Click 'Insert' > 'Search' and type search terms to find the image in Confluence. Once found, click the image and it will be added to the page.

Embedding multimedia files

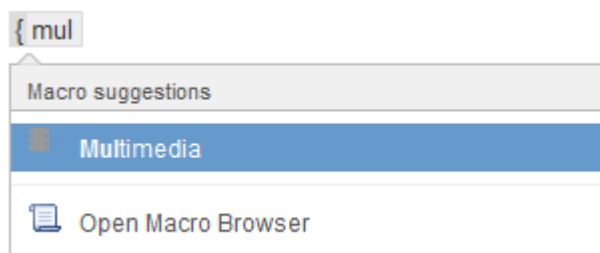
What you did before	What to do now (press Enter to complete actions)
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Embedding a video, movie or audio file into a page:
 Clicked 'Insert' > 'Macro' > 'Multimedia Macro' and chose content from the browser.

Use the Multimedia macro. Type an exclamation mark '!' and select 'Insert Other Media'. Example:



Or type '{' and start typing the macro name 'Multimedia'. Example:



Functionality that is No Longer Available

This section contains a list of things you could do in earlier versions of Confluence, but can no longer do in Confluence 4.0.

1. **Edit a page in Microsoft Word.** See [FAQ entry](#).

RELATED TOPICS

[Planning for Confluence 4.0](#)

Confluence 4.0 Editor - What's Changed for Wiki Markup Users

This quick-reference guide is for people who regularly used the wiki markup editor in earlier versions of Confluence. It shows you how to use the new editor to do the things you have always done. And more.


The editor offers a number of options in the toolbar. But did you know...?

- You can use autocomplete and autoformatting shortcuts instead of the toolbar.
- The trigger characters are derived from wiki markup!

On this page:

- [Hints to Get You Started Quickly](#)
- [Before and After Guide for Wiki Markup Fans](#)
 - [Using Wiki Markup](#)
 - [Adding Macros](#)
 - [Formatting Text](#)
 - [Adding Symbols and Emoticons](#)
 - [Linking text](#)
 - [Using bulleted and numbered lists](#)
 - [Using tables](#)
 - [Displaying images](#)
 - [Embedding multimedia files](#)
- [Functionality that is No Longer Available](#)

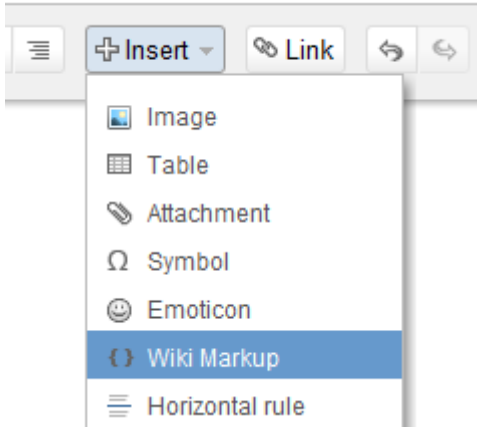
Hints to Get You Started Quickly

1. **Type wiki markup into the editor.** Confluence's autocomplete and autoformat will convert the wiki markup as you type.
2. **Learn the keyboard shortcuts.** Click the help icon  on the editor toolbar to see a list of keyboard shortcuts.
3. **Undo the autocomplete and autoformat actions.** To undo something that autocomplete or autoformat has done, press **Backspace** on your keyboard. Alternatively, press **Ctrl+Z** (Windows) or **Cmd+Z** (Mac).

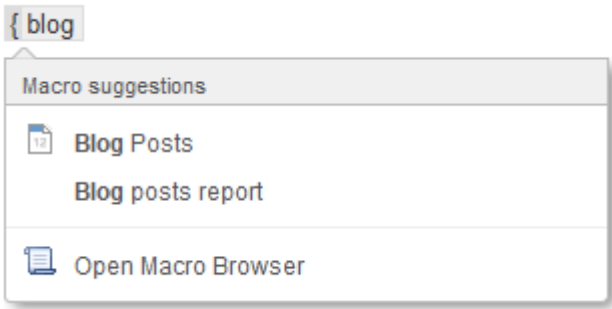
Before and After Guide for Wiki Markup Fans

Below are the most commonly used autocomplete and autoformatting triggers.

Using Wiki Markup





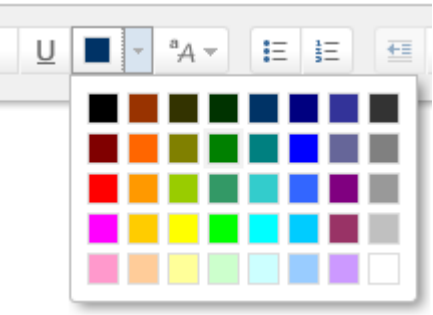
What You Did Before	What to Do Now
Typing wiki markup: Typed text and wiki markup into the Wiki Markup Editor pane.	Start typing wiki markup – try it and see what happens!
Pasting wiki markup: Pasted wiki markup into the Wiki Markup Editor pane.	Click 'Insert' > 'Wiki Markup' on the editor toolbar. Note: Confluence will convert the wiki markup to rich text as soon as you add it to your page. The wiki markup will not be available for editing after that. Example: 

Adding Macros

What you did before	What to do now (press Enter to complete actions)
Adding a macro to your page: Typed curly brackets, the macro name and parameters. Example: <code>{blog-posts}</code>	Type '{' and start typing the macro name to see a list of macros that match your text. Press the arrow keys to select the macro you want. Example: 

Formatting Text

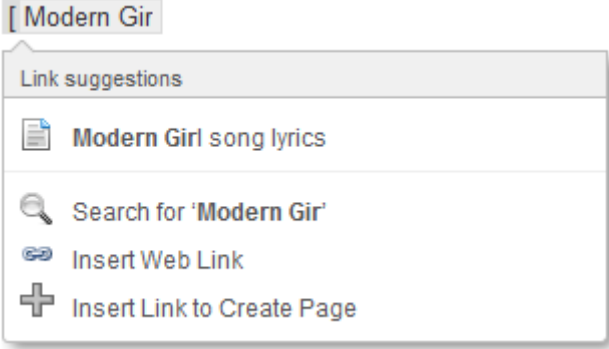
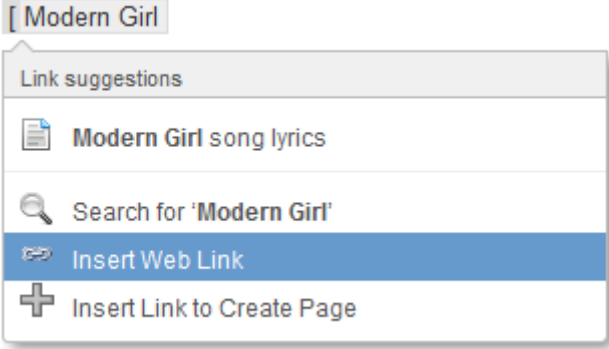
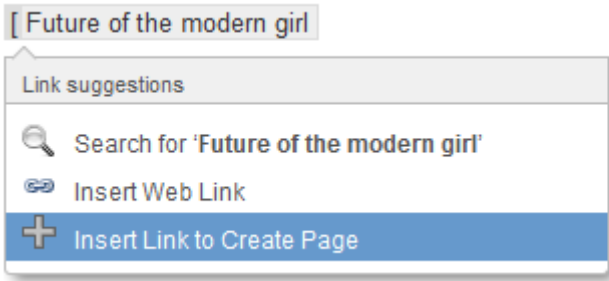
What you did before	What to do now
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<p>Bold text: Typed an asterisk '*', your text, then another asterisk in wiki markup. Example:</p> <pre>*Surf's Up*</pre>	<p>Type an asterisk '*', your text, then another asterisk. Confluence autoformat will convert the text to bold immediately. Example:</p> <pre>*Surf's Up*</pre>
<p>Heading levels: Typed the heading level in wiki markup. Example:</p> <pre>h2. Midnight at the Lost and Found</pre>	<p>Type the heading level and a full stop. Autoformat will convert the line to the appropriate heading immediately. You can continue typing your heading text immediately. Example:</p> <pre>h2.</pre>
<p>Underlining, italics, superscript, subscript: Typed the wiki markup characters before and after your text.</p>	<p>Type the wiki markup just as you did before. Autoformatting will convert it as you type.</p>
<p>Left, centre and right alignment: <i>Not available in previous versions of Confluence.</i></p>	<p>Click the left, centre and right alignment buttons on the editor toolbar:</p>  <p> This can also be used to align images independently of text.</p>
<p>Indentation: <i>Not available in previous versions of Confluence.</i></p>	<p>Click the left and right indentation buttons on the editor toolbar:</p> 
<p>Quotation: Typed the {quote} macro in wiki markup. Example:</p> <pre>{quote}Life is a lemon.{quote}</pre>	<p>Use the <i>Quote</i> style – select 'Quote' from the style dropdown menu or use the keyboard shortcut. Example:</p>  <p>Or type bq. in the editor</p>
<p>Colour: Typed the {color} macro in wiki markup. Example:</p> <pre>{color:green}Bat out of Hell.{color}</pre>	<p>Click the colour options on the editor toolbar. Example:</p> 

Adding Symbols and Emoticons

What you did before	What to do now
Smiley: Typed a colon and a round bracket. Example: :)	Type the globally-recognised markup for a smiley face (colon and round bracket), a wink (semicolon and round bracket), and so on. Autocomplete will convert it as you type. Example: :)
Tick or check mark: Typed a forward slash in round brackets. Example: (/)	Type a forward slash in round brackets. Autocomplete will convert it as you type. Example: (/)

Linking text

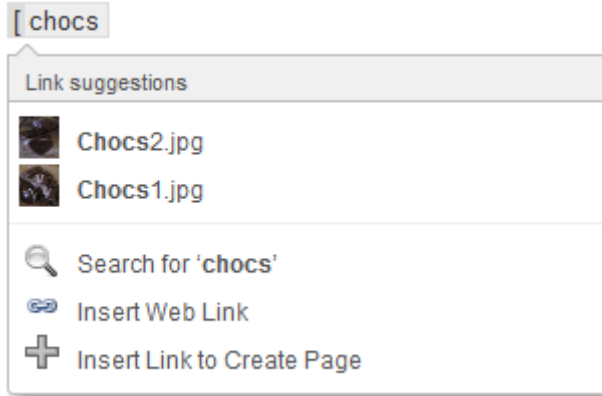
What you did before	What to do now (press Enter to complete actions)
Linking to a Confluence page: Typed the text and pasted the page name inside square brackets. Example: [Modern Girl Modern Girl song lyrics]	Type a square bracket '[' and start typing the page name to see the suggested pages to link to. Press the arrow keys to select the page you want. Example: 
Linking text to a web page: Typed the text and pasted the link inside square brackets. Example: [Modern Girl http://www.example.com/song]	Type a square bracket '[' and select 'Insert Web Link', then paste the URL into the link dialog. Example: 
Linking to a page that does not yet exist: Typed the name of the non-existent page inside square brackets. Example: [Future of the Modern Girl]	Type a square bracket '[' and the name of the non-existent page, then select 'Insert Link to Create Page'. Example: 



Linking to an attachment:

Typed '^' and the attachment name inside square brackets. Examples:


```
[^attachment name]
[Page Name#^attachment name]
```

Type a square bracket '[' and start typing the attachment name to see the suggested attachments to link to. Press the arrow keys to select the item you want. Example:

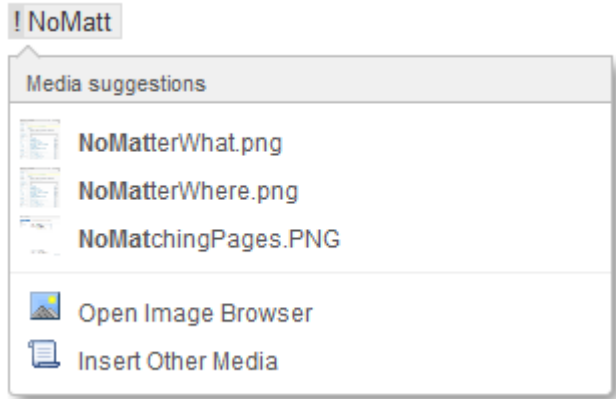


**Using bulleted and numbered lists**

What you did before	What to do now (press Enter to complete actions)
Adding bullets: Typed an asterisk '*' in wiki markup. Example: My list: * Bad Attitude	Type an asterisk '*' followed by a space. Autoformat will convert the line to a bulleted list. You can continue typing your text immediately. Example: My list: • bullet item  To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.
Adding numbered items: Typed a hash '#' in wiki markup. Example: My list: # A Time for Heroes	Type a hash or pound '#' followed by a space. Autoformat will convert the line to a numbered list. You can continue typing your text immediately. Example: My list: 1. bullet item  To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.
Adding line breaks in a numbered/bulleted list: Started a new line. Typed a double slash for an empty line. Example: //	Press Shift+Enter .

Using tables

What you did before	What to do now (press Enter to complete actions)
Adding a table: Typed pipe characters ' ' in wiki markup. Example: <pre> Title Owned 1 45 seconds of ecstasy Y 2 Amnesty Is Granted </pre>	Type a series of pipe characters ' ' then press Enter . Autoformat will convert the pipes to a table. Example – to create a table with three columns: <pre> </pre>
Editing a table: Edited the text and shuffled the pipe characters around.	Learn the keyboard shortcuts for table editing. Click the help icon  on the editor toolbar to see a list of shortcut keys.

Displaying images

What you did before	What to do now (press Enter to complete actions)
<p>Displayed an image attached to the page: Typed/pasted the image name inside exclamation marks '!'. Example:</p> <pre>!NoMatterWhat.png!</pre>	<p>Type an exclamation mark '!' and start typing the image name to see the suggested images to insert onto the page. Press the arrow keys to select the item you want. Example:</p> 
<p>Displaying an image attached to another page: Typed/pasted the page name, a '^' and the image name inside exclamation marks. Example – to display an image that is attached to the page titled 'Home By Now':</p> <pre>!Home By Now^NoMatterWhat.png!</pre>	<p>Exactly the same as when the image is attached to the same page, or use the new "Search" tab in "Insert" > "Image"</p>
<p>Aligning images:</p> <pre>!NoMatterWhat.png align=right!</pre>	<p>Click on the image and then:</p> <p>Click the left, centre and right alignment buttons on the editor toolbar:</p>  <p> This can also be used to align images independently of text.</p>

Embedding multimedia files

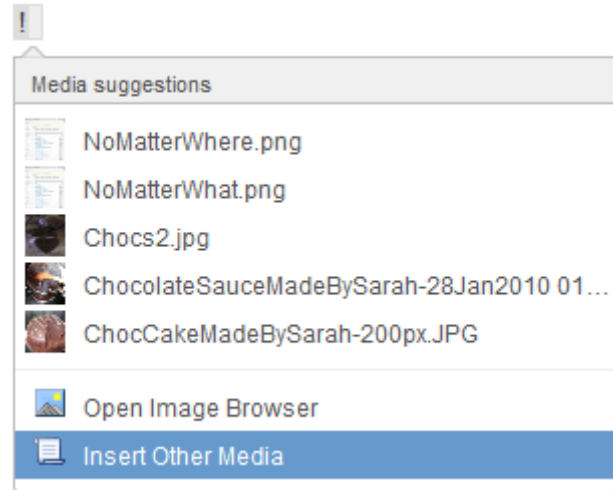
What you did before	What to do now (press Enter to complete actions)
---------------------	--

Embedding a video, movie or audio file into a page:

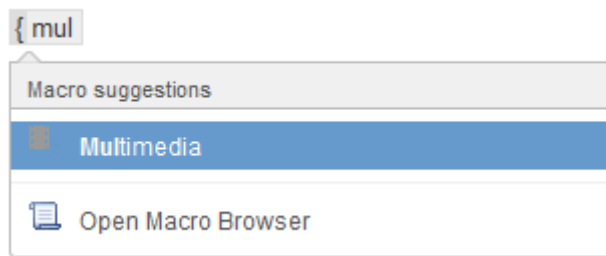
Used the wiki markup image format. Example:

```
!HotPatootie.mov!
```

Use the Multimedia macro. Type an exclamation mark '!' and select 'Insert Other Media'. Example:



Or type '{' and start typing the macro name 'Multimedia'. Example:



Functionality that is No Longer Available

This section contains a list of things you could do in earlier versions of Confluence, but can no longer do in Confluence 4.0.

Things you cannot do in Confluence 4.0:

1. **Edit a page in Microsoft Word.** See [FAQ entry](#).

RELATED TOPICS

[Using Autocomplete](#)
[Keyboard Shortcuts](#)
[Planning for Confluence 4.0](#)

Quick Administrator Tips To Prepare for Confluence 4.0

We've put together some quick tips on how Administrators can prepare for Confluence 4.0:

1. Stay Updated On The Latest Docs

Watch the [Planning for Confluence 4.0](#) page. We will update that page with more resources as we make further progress - so make sure you stay updated!

2. Download, install and trial Confluence 4.0

We strongly encourage you to set aside some time to download and install Confluence 4.0. You can be better prepared by conducting an upgrade of your data in [a test environment](#) to see how the upgrade goes. Don't forget to get your internal users (especially the power users) to test out Confluence 4.0. Ask them to go to their complex pages and see what they look like in the new editor and get feedback from them.

3. Give us feedback!

We really would love your feedback as you trial Confluence 4.0. We've made it really easy to do so. All you have to do is simply click the "Got Feedback" button you see in the Confluence toolbar:



This feedback will go directly to the Confluence team.

If you need support, please get in touch with our legendary support department at support.atlassian.com.

4. Upgrade your user macros - Now!

With the introduction of Confluence 4.0, all macros that are inserted in the editor will need to be entered using Macro Autocomplete, or through the Macro Browser. This includes [User Macros](#) too!

However, a problem with User Macros in the past was that the only way to insert them was if you knew what parameters were available - and that wasn't documented anywhere.

Now, if you are running [Confluence 3.4](#) or higher, we introduced the ability for an Administrator to [make their user macros visible in the Macro Browser and Macro Autocomplete](#). So the good news is you can prepare for that now, without having to wait for Confluence 4.0 to ship! How do you do this? You will need to define parameters for your user macros. All the documentation on [how to do this can be found here](#). We've also created [two examples](#) to help you get started.

Important: This is required to enable user macros in Confluence 4.0.

6. Test your plugins

Although not all plugins are 4.0 compatible yet, you can still test a majority of your plugins in Confluence 4.0 We strongly recommend you try this and let Atlassian know if there are any issues. This is really important especially if you have custom plugins that you've built internally.

How do I migrate my plugins to Confluence 4.0? All this information for plugin developers can be found from the [Planning for Confluence 4.0](#) landing page.

Quick Reference Guide for the Confluence Editor

This page is a quick-reference guide to using the Confluence editor. The aim is to give you enough information about the editor's features for you to experiment yourself, rather than describing every possible shortcut key, autocomplete feature or toolbar option.

This guide is for people who want to use the autocomplete, autoformatting and keyboard shortcuts provided by the editor. If you prefer to use the toolbar options, the editor itself should be mostly self-explanatory.

On this page:

- [Introductory Tips](#)
- [Simple How-To Video](#)
- [Using the Most Commonly Used Formats and Features](#)
 - [Formatting Text](#)
 - [Using Symbols](#)
 - [Linking Text](#)
 - [Using Lists](#)
 - [Using Tables](#)
 - [Using Macros](#)
 - [Displaying Images and Multimedia](#)

Introductory Tips

1. **Simply start using the Confluence 4.0 Editor to create your content.** The new editor toolbar contains the most important buttons you'll need for creating and editing content.

2. **Use the super-easy keyboard shortcuts.** Type these keys in the editor to begin:

- Type `[` (angle bracket) to insert a link.
- Type `!` (exclamation point) to insert an image or other media.
- Type `{` (curly bracket) to insert a macro.

These controls will autocomplete, prompting you with a list of suggestions to finish off the entry. For more, click the help icon on the editor toolbar to see a list of keyboard shortcuts.

3. **Discover the undo autocomplete and autoformatting actions.** To undo something that autocomplete or autoformatting has done, press **Backspace** on your keyboard. Alternatively, press **Ctrl+Z** (Windows) or **Cmd+Z** (Mac).

Simple How-To Video


Here's a short video showing off the basic editor improvements.


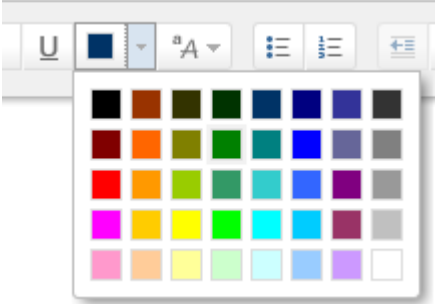
<http://youtube.com/watch?v=pd02l91V7cg>

Using the Most Commonly Used Formats and Features

Below is a list of the most commonly used editor features, and the related keyboard shortcuts.

Formatting Text

Formatting Text	What to Do	Windows Keyboard Shortcuts (For Mac OS X, replace "Ctrl" with "Cmd".)
Heading levels	Type the heading level and a full stop. Autoformat will convert the line to the appropriate heading immediately. You can continue typing your heading text immediately. Example: h2.	Ctrl + 1 to 6
Bold text	Type an asterisk '*', your text, then another asterisk. Confluence autoformat will convert the text to bold immediately. Example: *Surf's Up*	Ctrl + b
<i>Italic text</i>	Type an underscore '_', your text, then another underscore. Confluence autoformatting will convert the text to italics immediately. Example: _Surf's Up_	Ctrl + i
<u>Underlined text</u>	Type a plus sign '+', your text, then another plus sign '+'. Confluence autoformatting will convert the text to underlined immediately. Example: +Surf's Up+	Ctrl + u
Monospace text	Type two curly braces '{', your text, then another two curly braces '}'. Confluence autoformat will convert the text to monospace immediately. Example: {{Surf's Up}}	{{
Left, centre and right alignment	Click the left, centre and right alignment buttons on the editor toolbar:   This can also be used to align images independently of text.	None
Indentation	Click the left and right indentation buttons on the editor toolbar: 	Tab (<i>right</i>), Shift + Tab (<i>left</i>)

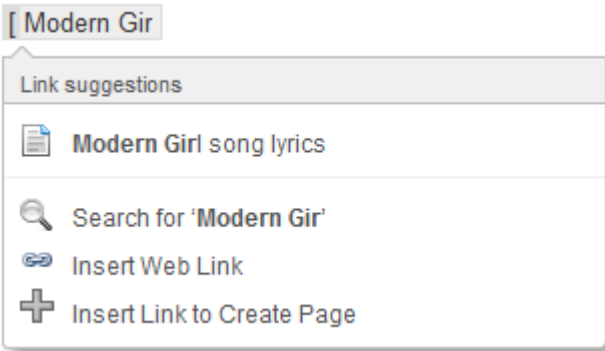
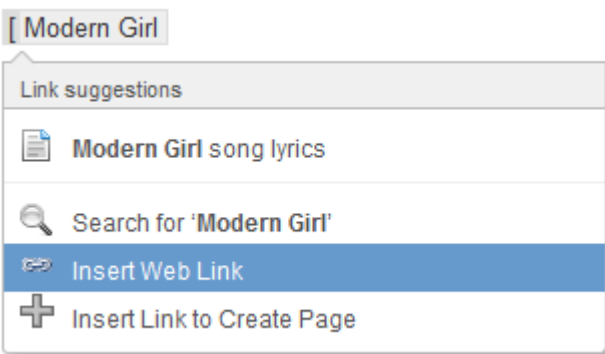
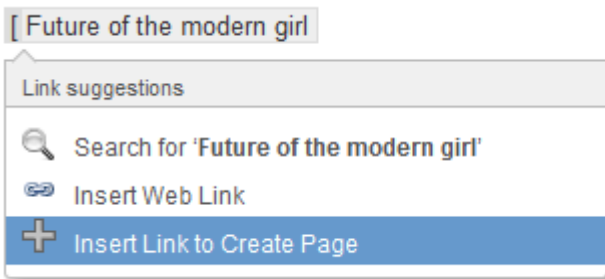
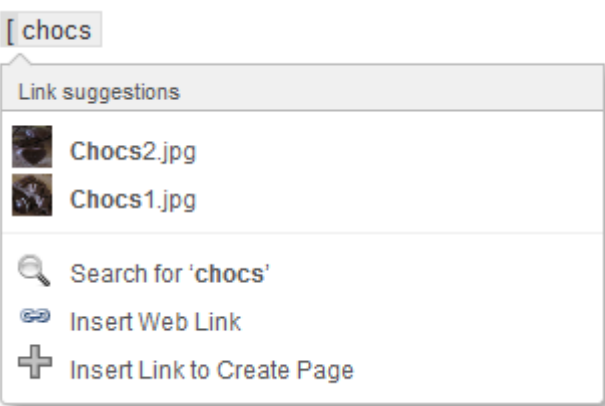
Quotation	<p>Use the <i>Quote</i> style – select 'Quote' from the style dropdown menu or use the keyboard shortcut. Example:</p> 	Ctrl + 8
Colour	<p>Click the colour options on the editor toolbar. Example:</p> 	None

Using Symbols



Adding Symbols and Emoticons	What to Type	Keyboard Shortcut (Windows)
Tick or check mark	<p>Type a forward slash in round brackets. Autocomplete will convert it as you type. Example:</p> <p>(/)</p>	(+ / +)
Smiley	<p>Type the globally-recognised markup for a smiley face (colon and round bracket), a wink (semicolon and round bracket), and so on. Autocomplete will convert it as you type. Example:</p> <p>:)</p>	: +)

Linking Text

Linking text	What to Type	Keyboard Shortcut (Windows)

Linking to a Confluence page	<p>Type a square bracket '[' and start typing the page name to see the suggested pages to link to. Press the arrow keys to select the page you want. Example:</p> 	[
Linking text to a web page	<p>Type a square bracket '[' and select 'Insert Web Link', then paste the URL into the link dialog. Example:</p> 	[
Linking to a page that does not yet exist	<p>Type a square bracket '[' and the name of the non-existent page, then select 'Insert Link to Create Page'. Example:</p> 	[
Linking to an attachment	<p>Type a square bracket '[' and start typing the attachment name to see the suggested attachments to link to. Press the arrow keys to select the item you want. Example:</p> 	[

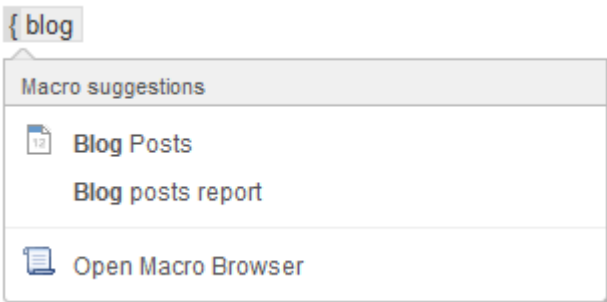
Using Lists

Using lists	What to Type	Keyboard Shortcut (Windows)
Adding a bullet list	<p>Type an asterisk '*' followed by a space. Autoformat will convert the line to a bulleted list. You can continue typing your text immediately. Example:</p> <p>My list:</p> <ul style="list-style-type: none"> bullet item <p> To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.</p>	Ctrl + Shift + b
Adding a numbered list	<p>Type a hash or pound '#' followed by a space. Autoformat will convert the line to a numbered list. You can continue typing your text immediately. Example:</p> <p>My list:</p> <ol style="list-style-type: none"> bullet item <p> To add another line of text to an entry without creating a new list item, press Shift + Enter at the end of the line.</p>	Ctrl + Shift + n

Using Tables

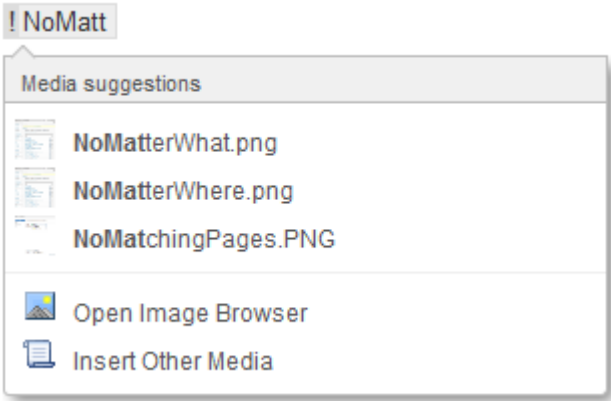
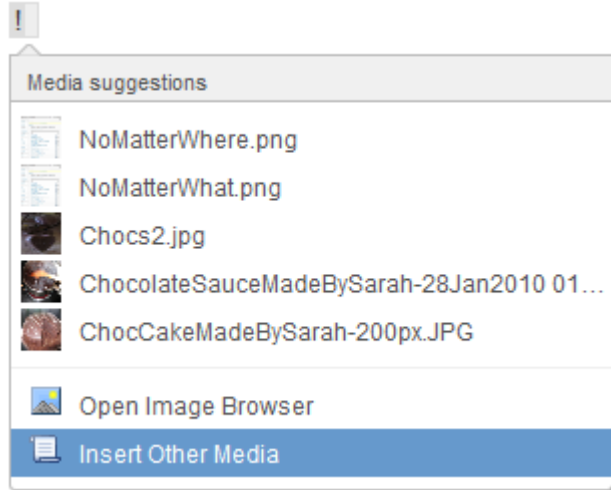
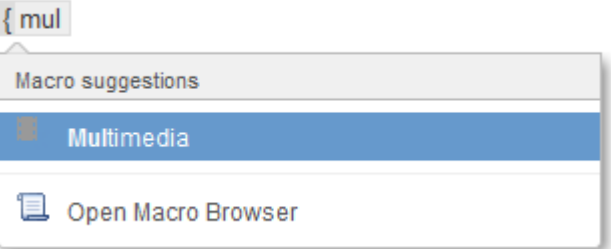
Using tables	What to Type	Keyboard Shortcut (Windows)
Adding a table	<p>Type a series of pipe characters ' ' then press Enter. Autoformat will convert the pipes to a table. Example – to create a table with three columns:</p> <pre> </pre>	None

Using Macros

Adding Macros	What to Type	Keyboard Shortcut (Windows)
Adding a macro to your page.	<p>Type '{' and start typing the macro name to see a list of macros that match your text. Press the arrow keys to select the macro you want. Example:</p> 	{

Displaying Images and Multimedia

Displaying images	What to Type	Keyboard Shortcut (Windows)

Display an image attached to the page	<p>Type an exclamation mark '!' and start typing the image name to see the suggested images to insert onto the page. Press the arrow keys to select the item you want. Example:</p> 	!
Displaying an image attached to another page	<i>Exactly the same as when the image is attached to the same page.</i>	!
Embedding multimedia files	What to Type	Keyboard Shortcut (Windows)
Embedding a video, movie or audio file into a page	<p>Type an exclamation mark '!' and select 'Insert Other Media'. Example:</p>  <p>Or type '{' and start typing the macro name 'Multimedia'. Example:</p> 	!

RELATED TOPICS

Using Autocomplete
Planning for Confluence 4.0

Trying Confluence 4.0 Yourself

This page describes the ways you can try Confluence 4.0 yourself, including the new editor.

To try out Confluence 4.0, [download the latest EAP release](#). Once installed, you can create and edit pages using the new Confluence 4.0 editor (and other features in their current state).

All Confluence users are welcome to try out Confluence 4.0 and submit some feedback to the Atlassian developers! We value your input.

RELATED TOPICS

Planning for Confluence 4.0

- [Confluence 4.0 Editor FAQ](#)
- [Confluence 4.0 Editor - What's Changed for Users of the Old Rich Text Editor](#)
- [Confluence 4.0 Editor - What's Changed for Wiki Markup Users](#)
- [Quick Administrator Tips To Prepare for Confluence 4.0](#)
- [Quick Reference Guide for the Confluence Editor](#)
- [Trying Confluence 4.0 Yourself](#)
- [Wiki Markup to XHTML Migration](#)

Wiki Markup to XHTML Migration

If you are upgrading to Confluence 4.0 from an older version, then as part of the upgrade an automatic migration of your site will take place. This is a non-destructive process. Your existing content is not overwritten: instead a new XHTML version of each Wiki Markup page will be created. In saying that, you must still be sure to perform a backup of your database and home directory prior to starting the new version of Confluence. Of course, that is our standard recommendation for any [Confluence upgrade](#).

- [Migration Process](#)
- [Migration Logging](#)
- [Re-running Migration](#)
- [Re-attempt Migration](#)

Migration Process

Depending on the size of your Confluence install, the Wiki Markup to XHTML migration could prove time consuming. The duration of the migration is difficult to estimate; this is due to a number of site specific factors. As a rough guide, a test dataset we migrated was 130,000 pages, totalling approximately 700Mb, which took six minutes.

There are certain properties that can be modified to allow finer control over the migration process.

Property	Purpose	Default
confluence.wiki.migration.threads	The number of concurrent worker threads migrating content	4
confluence.wiki.migration.batch.size	The number of items migrated in each batch of work	500
confluence.wiki.migration.versioncomment	The comment associated with the newly migrated version of each piece of content	"Migrated to Confluence 4.0"

(For instructions on setting Confluence system properties see [this document](#).)

Again, due to the large variability in Confluence installations it is hard to give specific recommendations for the above settings. One point to note though that both increasing batch size and the number of threads (or both) will increase the peak memory required for migration. If memory is an issue then as you increase one of these settings consider decreasing the other.

Another factor to be aware of if modifying these defaults is that of the cache settings employed in your site. The migration will quickly populate certain Confluence caches so be sure that if you have customised caches as [described here](#) that there is enough memory on the server for these caches should they reach maximum capacity.

To monitor the progress of a site migration you should watch the output in the [application log](#).

Migration Logging

Typical logging progress will be shown by multiple log entries at the INFO level of the format -

```
WikiToXhtmlMigrationThread-n - Migrated 2500 of 158432 pages, this batch migrated 500/500
without error
```

There may be a wide array of messages logged from each individual page but any errors are also collected for display in a single migration report once all content has been processed. A typical example of such a report is -


```
Wiki to XHTML Exception Report:
Summary:
  0 settings values failed.
  0 PageTemplates failed.
  2 ContentEntityObjects failed.
Content Exceptions:
  1) Type: page, Id: 332, Title: Release Notes 1.0b3, Space: DOC - Confluence 4.0 Beta. Cause:
com.atlassian.confluence.content.render.xhtml.migration.exceptions.UnknownMacroMigrationException:
The macro link is unknown.. Message: The macro link is unknown.
  2) Type: comment, Id: 6919, Title: null, Global Scope. Cause:
com.atlassian.confluence.content.render.xhtml.migration.exceptions.UnknownMacroMigrationException:
The macro mymacro is unknown.. Message: The macro mymacro is unknown.
```

Each entry in the report will identify the content that caused migration exceptions as well as displaying the exceptions themselves.

In almost all cases any content reported as errored will have been migrated to XHTML but actually consisting of Wiki Markup content wrapped within an XHTML specific 'unmigrated-wiki-markup' macro. This content will still be viewable in Confluence and editable within the new Confluence Editor.

However, in some cases a batch of content may actually have completely failed to migrate. This is most typically due to an unhandled exception causing a database transaction rollback. This would be reported in the log with a message like -

```
Unable to start up Confluence. Fatal error during startup sequence:
confluence.lifecycle.core:pluginframeworkdependentupgrades (Run all the upgrades that require
the plugin framework to be available) -
com.atlassian.confluence.content.render.xhtml.migration.exceptions.MigrationException:
java.util.concurrent.ExecutionException:
org.springframework.transaction.UnexpectedRollbackException: Transaction rolled back because it
has been marked as rollback-only
```

The current version of Confluence 4.0 provides [no further report](#) about this scenario and will also allow Confluence to restart as normal without retrying a migration. Should a user try to view any such unmigrated content they would see an exception similar to -

```
java.lang.UnsupportedOperationException: The body of this ContentEntityObject ('Page Title')
was 'WIKI' but was expected to be 'XHTML'
```

The solution here is to ensure you manually re-run the site migration after the restart.

Re-running Migration

A Confluence Administrator can restart the site migration should there have been any content found to have failed migration (see previous section). Only the content that is still found to be Wiki Markup formatted will be migrated so typically a re-migration will take less time than the original migration.

To manually re-run migration:

1. Open <site>/admin/force-upgrade.action
2. From the 'Upgrade task to run' list select *wikiToXhtmlMigrationUpgradeTask*
3. Click 'Force Upgrade'.

Re-attempt Migration

The previous section was about dealing with the exceptional circumstance where certain content was left completely unmigrated. The most

common migration problem is that the content was migrated but remains Wiki Markup within the body of an 'unmigrated-wiki-markup' macro. This is the state any content which is references in the migration report will be found in. This content is still viewable and editable but since it is Wiki Markup it cannot be edited using the full feature set of the new Editor.


The most common reason for content to be in this state is that a non 4.0 compatible macro (or unknown macro) was found on the page.

There are two possible fixes for this situation -

1. Install a 4.0 compatible version of the macro. See [Plugin Development Upgrade FAQ for 4.0](#).
2. Edit the page to no longer use the problematic macro.

Regardless of the solution you choose, you can then force a re-migrated of all the content that was left wrapped in an 'unmigrated-wiki-markup' macro. This feature is found at <site>/admin/unmigratedwikicontent.action

Dashboard
Administration
Update content with incompatible macros
Browse
A.D. Ministrator
Search




Update content with incompatible macros

Configuration
General Configuration
Backup Administration
Manage Referrers
Plugins
Languages
Shortcut Links
External Gadgets
Global Templates
Import Templates
Mail Servers
User Macros
Attachment Storage
Spam Prevention
PDF Export Language
Support
Default Space Content
Configure Whitelist

Confluence has detected that there are **0 pages** with macros that are not yet Confluence 4+ compatible. To ensure backwards compatibility, these macros are still being rendered as wiki markup when editing your pages.

If you have recently updated plugins, you should update your content to ensure that any macros that are not Confluence 4 compatible become compatible. You may have to run the update several times as you update incompatible macros.

Update Check


Update not required

You have not installed any new plugins since your last content upgrade. You do not need to run this upgrade unless you have been advised to by Atlassian Support staff.

Note: Once an upgrade has commenced you will not be able to pause or undo the upgrade. An update can severely affect the performance of your instance, we recommend you conduct this update during a quiet time. Users editing a page as it is updated may receive notice of a conflicting edit.

[Update Content](#)