

# **XWiki Syntax Guide**

Administrator

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## Paragraphs

### 2.0 Paragraphs

Paragraphs are text elements separated by 2 or more new lines.

In XWiki Syntax 2.1 new lines are honored which is not the case in XWiki Syntax 1.0 and in Creole Syntax.

Feature	XWiki Syntax 2.1	Result
Simple paragraph	This is a paragraph	This is a paragraph
Paragraph on multiple lines	Paragraph on multiple lines	Paragraph on multiple lines
Two paragraphs	Paragraph one	Paragraph one

Parametrized paragraph	Paragraph two <pre>(% style="text-align:center;color:blue" %)</pre> Centered and blue paragraph	Paragraph two Centered and blue paragraph
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## Paragraphs

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Feature	XWiki Syntax 2.1	Result
Simple paragraph	This is a paragraph	This is a paragraph
Paragraph on multiple lines	Paragraph on multiple lines	Paragraph on multiple lines
Two paragraphs	Paragraph one Paragraph two	Paragraph one Paragraph two
Parametrized paragraph	<pre>(% style="text-align:center;color:blue" %)</pre> Centered and blue paragraph	Centered and blue paragraph

## Headings

### 2.0 Headings

Feature	XWiki Syntax 2.1	Result
Standard headings	<pre>= level 1 = == level 2 == === level 3 === ==== level 4 ==== ===== level 5 ===== ===== level 6 =====</pre>	<p><b>level 1</b></p> <p><b>level 2</b></p> <p><b>level 3</b></p> <p><b>level 4</b></p> <p><b>level 5</b></p> <p><b>level 6</b></p>
Parameterized headings	<pre>(% style="color:blue" %)</pre> = heading =	<b>heading</b>
Headings with XWiki Syntax	<pre>=== Heading with <b>bold</b> ===</pre>	<b>Heading with bold</b>

## Headings

### 2.0 Headings

Feature	XWiki Syntax 2.1	Result
Standard headings	<pre>= level 1 = == level 2 == === level 3 === ==== level 4 ==== ===== level 5 ===== ===== level 6 =====</pre>	<b>level 1</b>

**level 2**

**level 3**

**level 4**

**level 5**

**level 6**

Parameterized headings `(% style="color:blue" %)`  
`= heading =`

**heading**

Headings with XWiki Syntax `=== Heading with **bold** ===` **Heading with bold**

## Text Formatting

### 2.0 Text Formatting

New in XWiki Syntax 2.1 over XWiki Syntax 1.0:

- Spaces are allowed just after the syntax symbols (for example in XWiki Syntax 1.0, this was not possible: `* bold *`).
- Use double symbols when there was only a single symbol in XWiki Syntax 1.0 so that it's less likely that the user will mistakenly use them in text.
- Ability to span several lines (wasn't possible in XWiki Syntax 1.0).

Feature	XWiki Syntax 2.1	Result
Bold	<code>**bold**</code>	<b>bold</b>
Underline	<code>__underline__</code>	<u>underline</u>
Italics	<code>//italic//</code>	<i>italic</i>
Striked out	<code>--strike--</code>	<del>strike</del>
Monospace	<code>##monospace##</code>	monospace
Superscript	<code>some ^^superscript^^</code>	some <sup>superscript</sup>
Subscript	<code>some ,,subscript,,</code>	some <sub>subscript</sub>

## Text Formatting

### 2.0 Text Formatting

New in XWiki Syntax 2.1 over XWiki Syntax 1.0:

- Spaces are allowed just after the syntax symbols (for example in XWiki Syntax 1.0, this was not possible: `* bold *`).
- Use double symbols when there was only a single symbol in XWiki Syntax 1.0 so that it's less likely that the user will mistakenly use them in text.
- Ability to span several lines (wasn't possible in XWiki Syntax 1.0).

Feature	XWiki Syntax 2.1	Result
Bold	<code>**bold**</code>	<b>bold</b>
Underline	<code>__underline__</code>	<u>underline</u>
Italics	<code>//italic//</code>	<i>italic</i>
Striked out	<code>--strike--</code>	<del>strike</del>
Monospace	<code>##monospace##</code>	monospace
Superscript	<code>some ^^superscript^^</code>	some <sup>superscript</sup>
Subscript	<code>some ,,subscript,,</code>	some <sub>subscript</sub>

## Horizontal Line

### 2.0 Horizontal Line

There must be 4 or more dashes.

Note that this is different from Creole where exactly 4 dashes are required.

Feature	XWiki Syntax 2.1	Result
Simple horizontal line	<code>----</code>	<hr/>
Parametrized horizontal line	<code>(% style="color:blue" %)</code>	<hr style="color:blue;"/>

----

## Horizontal Line

### 2.0 Horizontal Line

There must be 4 or more dashes.

Note that this is different from Creole where exactly 4 dashes are required.

Feature	XWiki Syntax 2.1	Result
Simple horizontal line	----	<hr/>
Parametrized horizontal line	(% style="color:blue" %) ----	<hr style="color:blue; border-top: 3px double #0000FF;"/>

## Lists

### 2.0 Lists

Some of the mentioned styles do not work on all browsers. For a comprehensive list follow [this link](#).

Feature	XWiki Syntax 2.1	Result
Bulleted list	* item 1 ** item 2 *** item 3 * item 4	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> <li>• item 3</li> <li>• item 4</li> </ul>
Numbered list	1. item 1 11. item 2 111. item 3 1. item 4	<ol style="list-style-type: none"> <li>1. item 1</li> <li>1. item 2</li> <li>1. item 3</li> <li>2. item 4</li> </ol>
Mixed list	1. item 1 1*. item 2 1*. item 3 1. item 4	<ol style="list-style-type: none"> <li>1. item 1</li> <li>• item 2</li> <li>• item 3</li> <li>2. item 4</li> </ol>
Square list	(% style="list-style-type: square" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>■ item 1</li> <li>■ item 2</li> </ul>
Disc list	(% style="list-style-type: disc" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>
Lowercase Alphabetical list	(% style="list-style-type: lower-alpha" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>a. item 1</li> <li>b. item 2</li> </ul>
Uppercase Alphabetical list	(% style="list-style-type: upper-alpha" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>A. item 1</li> <li>B. item 2</li> </ul>
Lowercase Roman list	(% style="list-style-type: lower-roman" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>i. item 1</li> <li>ii. item 2</li> </ul>
Uppercase Roman list	(% style="list-style-type: upper-roman" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>I. item 1</li> <li>II. item 2</li> </ul>
Lowercase Greek list	(% style="list-style-type: lower-greek" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>α. item 1</li> <li>β. item 2</li> </ul>
Uppercase Greek list	(% style="list-style-type: upper-greek" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>Α. item 1</li> <li>Β. item 2</li> </ul>
Hiragana list	(% style="list-style-type: hiragana" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>
Hiragana Iroah list	(% style="list-style-type: hiragana-iroha" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>
Katakana list	(% style="list-style-type: katakana" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>
Katakana Iroha list	(% style="list-style-type: katakana-iroha" %) * item 1 * item 2	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>
Armenian list	(% style="list-style-type: armenian" %) * item 1	<ul style="list-style-type: none"> <li>• item 1</li> <li>• item 2</li> </ul>

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	* item 2	
Hebrew list	<code>(% style="list-style-type: hebrew" %)</code> * item 1 * item 2	• item 1 • item 2
Georgian list	<code>(% style="list-style-type: georgian" %)</code> * item 1 * item 2	ს. item 1 ბ. item 2
CJK ideographic list	<code>(% style="list-style-type: cjk-ideographic" %)</code> * item 1 * item 2	• item 1 • item 2

## Lists

### 2.0 Lists

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Feature	XWiki Syntax 2.1	Result
Bulleted list	* item 1 ** item 2 *** item 3 * item 4	• item 1 • item 2 • item 3 • item 4
Numbered list	1. item 1 11. item 2 111. item 3 1. item 4	1. item 1 1. item 2 1. item 3 2. item 4
Mixed list	1. item 1 1*. item 2 1*. item 3 1. item 4	1. item 1 • item 2 • item 3 2. item 4
Square list	<code>(% style="list-style-type: square" %)</code> * item 1 * item 2	■ item 1 ■ item 2
Disc list	<code>(% style="list-style-type: disc" %)</code> * item 1 * item 2	• item 1 • item 2
Lowercase Alphabetical list	<code>(% style="list-style-type: lower-alpha" %)</code> * item 1 * item 2	a. item 1 b. item 2
Uppercase Alphabetical list	<code>(% style="list-style-type: upper-alpha" %)</code> * item 1 * item 2	A. item 1 B. item 2
Lowercase Roman list	<code>(% style="list-style-type: lower-roman" %)</code> * item 1 * item 2	i. item 1 ii. item 2
Uppercase Roman list	<code>(% style="list-style-type: upper-roman" %)</code> * item 1 * item 2	I. item 1 II. item 2
Lowercase Greek list	<code>(% style="list-style-type: lower-greek" %)</code> * item 1 * item 2	α. item 1 β. item 2
Uppercase Greek list	<code>(% style="list-style-type: upper-greek" %)</code> * item 1 * item 2	Α. item 1 • item 2
Hiragana list	<code>(% style="list-style-type: hiragana" %)</code> * item 1 * item 2	• item 1 • item 2
Hiragana Iroha list	<code>(% style="list-style-type: hiragana-iroha" %)</code> * item 1 * item 2	• item 1 • item 2
Katakana list	<code>(% style="list-style-type: katakana" %)</code> * item 1 * item 2	• item 1 • item 2
Katakana Iroha list	<code>(% style="list-style-type: katakana-iroha" %)</code> * item 1 * item 2	• item 1 • item 2
Armenian list	<code>(% style="list-style-type: armenian" %)</code> * item 1 * item 2	• item 1 • item 2
Hebrew list	<code>(% style="list-style-type: hebrew" %)</code> * item 1 * item 2	• item 1 • item 2

Georgian list	<pre>(% style="list-style-type: georgian" %) * item 1 * item 2</pre>	<ul style="list-style-type: none"> <li>ა. item 1</li> <li>ბ. item 2</li> </ul>
CJK ideographic list	<pre>(% style="list-style-type: cjk-ideographic" %) * item 1 * item 2</pre>	<ul style="list-style-type: none"> <li>一 item 1</li> <li>二 item 2</li> </ul>

## Definition Lists

### 2.0 Definition Lists

Feature	XWiki Syntax 2.1	Result
Standard definition	<pre>; term : definition</pre>	term definition
Nested definitions	<pre>; term 1 : definition 1 ; term 2 :: definition 2</pre>	term 1 definition 1 term 2 definition 2
Parametrized definition	<pre>(% style="color:blue" %) ; term : definition</pre>	term definition

## Definition Lists

### 2.0 Definition Lists

Feature	XWiki Syntax 2.1	Result
Standard definition	<pre>; term : definition</pre>	term definition
Nested definitions	<pre>; term 1 : definition 1 ; term 2 :: definition 2</pre>	term 1 definition 1 term 2 definition 2
Parametrized definition	<pre>(% style="color:blue" %) ; term : definition</pre>	term definition

## New Line/Line Breaks

### 2.0 New Line Line Breaks

A new line is a carriage return. A line break is a forced new line that can appear anywhere in the text.

In XWiki Syntax 2.1 new lines are honored which is not the case in XWiki Syntax 1.0 and in Creole Syntax.

Feature	XWiki Syntax 2.1	Result
Line break	<pre>Line\\New line</pre>	Line New line
New line	<pre>Line New line</pre>	Line New line

## New Line/Line Breaks

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A new line is a carriage return. A line break is a forced new line that can appear anywhere in the text.

In XWiki Syntax 2.1 new lines are honored which is not the case in XWiki Syntax 1.0 and in Creole Syntax.

Feature	XWiki Syntax 2.1	Result
Line break	<pre>Line\\New line</pre>	Line New line
New line	<pre>Line New line</pre>	Line New line

## Links

### 2.1 Links

Feature	XWiki Syntax 2.1	Result
Link to a page in the current Space	<code>[[WebHome]]</code>	<a href="#">WebHome</a>
Link with a label	<code>[[label&gt;&gt;WebHome]]</code> XWiki Syntax is supported inside link labels.	<a href="#">label</a>
Link with XWiki Syntax in the label	<code>[[**bold label**&gt;&gt;WebHome]]</code>	<b><a href="#">bold label</a></b>
Link to a page with the space specified	<code>[[Main.WebHome]]</code>	<a href="#">WebHome</a>
Link to a subwiki	<code>[[subwiki:Main.WebHome]]</code>	<a href="#">WebHome</a>
Link that opens in a new window	<code>[[label&gt;&gt;WebHome  rel="__blank" ]]</code>	<a href="#">label</a>
Link to a URL directly in the text	This is a URL: <code>http://xwiki.org</code>	This is a URL: <a href="http://xwiki.org">http://xwiki.org</a>
Link to a URL	<code>[[http://xwiki.org]]</code>	<a href="http://xwiki.org">http://xwiki.org</a>
Link to a URL with a label	<code>[[XWiki&gt;&gt;http://xwiki.org]]</code>	<a href="http://xwiki.org">XWiki</a>
Link to an email address	<code>[[john@smith.net&gt;&gt;mailto:john@smith.net]]</code>	<a href="mailto:john@smith.net">john@smith.net</a>
Image Link	<code>[[image:Space2.Page2@img.png&gt;&gt;Space1.Page1]]</code>	
Image Link with image parameters	<code>[[[[image:Space2.Page2@img.png width="26" height="26"]&gt;&gt;Space1.Page1]]</code>	
Link to an attachment on the current page	<code>[[text&gt;&gt;attach:img.png]]</code>	<a href="#">text</a>
Link to an attachment in a different page	<code>[[text&gt;&gt;attach:Space.Page@img.png]]</code>	<a href="#">text</a>
Link to an Anchor in a page	<code>[[label&gt;&gt;Space.Page  anchor=anchor]]</code>	<a href="#">label</a>
Link to a Heading in a page	<code>[[label&gt;&gt;XWiki.XWikiSyntax  anchor=HMyheading]]</code>	<a href="#">label</a>

When you add a Heading, an anchor named "H" followed by the heading title with only alpha characters is created. For example, for a Heading named "My heading", the generated anchor will be "HMyheading".

### XWiki Syntax 2.1 Link Specification

The part in ( ) is required, while the parts in [ ] are optional.



The full format of a link is `[label>>] (resource) [ |parameters]`

- **label**: An optional string which will be displayed to the user as the link name when rendered. The label may contain XWiki Syntax. If no label is specified a default label will be generated. The generation pattern can be changed, see the [Admin Guide](#). Example: `My Page`
- **resource**: A required string with the link reference in one of the following forms
  - **URL**: Any URL in the form of `[url:] (protocol://path)`. Examples: `http://xwiki.org`, `url:https://svn.xwiki.org/`
    - **url**: An optional string identifying the resource as an URL.
  - **Wiki page name** reference in the form `[doc:] [[wikiName:] space.] (page)`. Examples: `WebHome`, `Main.WebHome`, `mywiki:Main.WebHome`
    - **doc**: An optional string identifying the resource as an XWiki document.
    - **wikiName**: An optional string containing the name of a virtual wiki. The link will point to a page inside that virtual wiki. Example: `mywiki`
    - **space**: An optional wiki Space name. If no space is specified the current space is used. Example: `Main`
    - **page**: A required string containing the name of the linked wiki page. Example: `WebHome`
  - **InterWiki page name** reference in the form `interwiki: (interWikiAlias:) (page)`. Example: `interwiki:wikipedia:XWiki`
    - **interwiki**: A required string identifying the resource as an InterWiki link.
    - **interWikiAlias**: An optional [Inter Wiki](#) alias as defined in the InterWiki Map (see the [Admin Guide](#)). Example: `wikipedia`
    - **page**: A required string containing the name of the linked page. Example: `XWiki`

- **Attachment** reference in the form **attach: [wikiPageName@] (attachmentName)**. Examples: `attach:img.png`, `attach:mywiki:Main.WebHome@img.png`
  - **attach::** A required string identifying the resource as attachment.
  - **wikiPageName:** An optional string referencing the document that holds the attachment, see "Wiki page name" above.
  - **attachmentName:** Name of the attachment as it is stored in the wiki.
- **Email address** in the form **mailto: (emailAddress) (#anchor is not valid)**. Example: `mailto:john@smith.com`
  - **mailto::** A required string identifying the resource as email.
  - **emailAddress:** Targeted email address. Example: `john@smith.com`
- **Relative path** reference on the server in the form **path: (relPath)**. Example: `path:$doc.getURL('reset')` produces target address `http://server.domain.com/xwiki/bin/reset/Space/Page` where `/xwiki/bin/reset/Space/Page` is produced by `$doc.getURL('reset')`.
  - **path:** A required string identifying the resource as a relative path.
  - **relPath:** A required string containing the relative path of the resource on the server that shall be linked.
- **UNC (Windows Explorer)** reference in the form **unc: (path)**. The link is rendered as a `file://` link. Examples: `unc:C:\Windows\`, `unc:\\myserver\path\img.png`, `unc:home/user/somefile`
  - **unc:** A required string identifying the resource as a UNC (Windows Explorer) path.
  - **path:** A required string containing the local path of resource accessible by the user. Examples: `C:\Windows\`, `\\myserver\path\img.png`, `home/user/somefile`
- **parameters:** An optional list of space-separated parameters passed to the link. Example: `queryString="mydata1=5&mydata2=Hello" anchor="HTableOfContents" rel="__blank"`
  - **queryString:** An optional query string for specifying parameters that will be appended to the link target address and used in the rendered URL. Example: `url:http://domain.com/path||queryString="mydata1=5&mydata2=Hello"` produces target address `http://domain.com/path?mydata1=5&mydata2=Hello`
  - **anchor:** An optional anchor name pointing to an anchor defined in the referenced link. Note that in XWiki anchors are automatically created for headings. Example: `url:http://domain.com/path||anchor="HTableOfContents"` produces target address `http://domain.com/path#HTableOfContents`
  - **rel:** An optional parameter that allows to open link target in new window. Example: `rel="__blank"`

## Links

### 2.1 Links

Feature	XWiki Syntax 2.1	Result
Link to a page in the current Space	<code>[[WebHome]]</code>	<a href="#">WebHome</a>
Link with a label	<code>[[label&gt;&gt;WebHome]]</code> XWiki Syntax is supported inside link labels.	<a href="#">label</a>
Link with XWiki Syntax in the label	<code>[[**bold label**&gt;&gt;WebHome]]</code>	<a href="#">bold label</a>
Link to a page with the space specified	<code>[[Main.WebHome]]</code>	<a href="#">WebHome</a>
Link to a subwiki	<code>[[subwiki:Main.WebHome]]</code>	<a href="#">WebHome</a>
Link that opens in a new window	<code>[[label&gt;&gt;WebHome  rel="__blank"]]</code>	<a href="#">label</a>
Link to a URL directly in the text	This is a URL: <code>http://xwiki.org</code>	This is a URL: <a href="http://xwiki.org">http://xwiki.org</a>
Link to a URL	<code>[[http://xwiki.org]]</code>	<a href="http://xwiki.org">http://xwiki.org</a>
Link to a URL with a label	<code>[[XWiki&gt;&gt;http://xwiki.org]]</code>	<a href="http://xwiki.org">XWiki</a>
Link to an email address	<code>[[john@smith.net&gt;&gt;mailto:john@smith.net]]</code>	<a href="mailto:john@smith.net">john@smith.net</a>
Image Link	<code>[[image:Space2.Page2@img.png&gt;&gt;Space1.Page1]]</code>	
Image Link with image parameters	<code>[[[[image:Space2.Page2@img.png width="26" height="26"]]]&gt;&gt;Space1.Page1]]</code>	
Link to an attachment on the current page	<code>[[text&gt;&gt;attach:img.png]]</code>	<a href="#">text</a>

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Link to an attachment in a different page	<code>[[text&gt;&gt;attach:Space.Page@img.png <a href="#">text</a>]]</code>
Link to an Anchor in a page	<code>[[label&gt;&gt;Space.Page  <a href="#">label</a> anchor=anchor]]</code>
Link to a Heading in a page	<code>[[label&gt;&gt;XWiki.XWikiSyntax  <a href="#">label</a> anchor=HMyheading]]</code>

When you add a Heading, an anchor named "H" followed by the heading title with only alpha characters is created. For example, for a Heading named "My heading", the generated anchor will be "HMyheading".

### XWiki Syntax 2.1 Link Specification

The part in ( ) is required, while the parts in [ ] are optional.

The full format of a link is `[[label>>] (resource) [|parameters]`

- **label**: An optional string which will be displayed to the user as the link name when rendered. The label may contain XWiki Syntax. If no label is specified a default label will be generated. The generation pattern can be changed, see the [Admin Guide](#). Example: `My Page`
- **resource**: A required string with the link reference in one of the following forms
  - **URL**: Any URL in the form of `[url:] (protocol://path)`. Examples: `http://xwiki.org`, `url:https://svn.xwiki.org/`
    - **url**: An optional string identifying the resource as an URL.
  - **Wiki page name** reference in the form `[doc:] [[wikiName:] space.] (page)`. Examples: `WebHome`, `Main.WebHome`, `mywiki:Main.WebHome`
    - **doc**: An optional string identifying the resource as an XWiki document.
    - **wikiName**: An optional string containing the name of a virtual wiki. The link will point to a page inside that virtual wiki. Example: `mywiki`
    - **space**: An optional wiki Space name. If no space is specified the current space is used. Example: `Main`
    - **page**: A required string containing the name of the linked wiki page. Example: `WebHome`
  - **InterWiki page name** reference in the form `interwiki: (interWikiAlias:) (page)`. Example: `interwiki:wikipedia:XWiki`
    - **interwiki**: A required string identifying the resource as an InterWiki link.
    - **interWikiAlias**: An optional [Inter Wiki](#) alias as defined in the InterWiki Map (see the [Admin Guide](#)). Example: `wikipedia`
    - **page**: A required string containing the name of the linked page. Example: `XWiki`
  - **Attachment** reference in the form `attach: [wikiPageName@] (attachmentName)`. Examples: `attach:img.png`, `attach:mywiki:Main.WebHome@img.png`
    - **attach::** A required string identifying the resource as attachment.
    - **wikiPageName**: An optional string referencing the document that holds the attachment, see "Wiki page name" above.
    - **attachmentName**: Name of the attachment as it is stored in the wiki.
  - **Email address** in the form `mailto: (emailAddress) (#anchor is not valid)`. Example: `mailto:john@smith.com`
    - **mailto::** A required string identifying the resource as email.
    - **emailAddress**: Targeted email address. Example: `john@smith.com`
  - **Relative path** reference on the server in the form `path: (relPath)`. Example: `path: $doc.getURL('reset')` produces target address `http://server.domain.com/xwiki/bin/reset/Space/Page` where `/xwiki/bin/reset/Space/Page` is produced by `$doc.getURL('reset')`.
    - **path**: A required string identifying the resource as a relative path.
    - **relPath**: A required string containing the relative path of the resource on the server that shall be linked.
  - **UNC (Windows Explorer)** reference in the form `unc: (path)`. The link is rendered as a `file://` link. Examples: `unc:C:\Windows\`, `unc:\\myserver\path\img.png`, `unc:home/user/somefile`
    - **unc**: A required string identifying the resource as a UNC (Windows Explorer) path.
    - **path**: A required string containing the local path of resource accessible by the user. Examples: `C:\Windows\`, `\\myserver\path\img.png`, `home/user/somefile`
  - **parameters**: An optional list of space-separated parameters passed to the link. Example: `queryString="mydata1=5&mydata2=Hello" anchor="HTableOfContents" rel="__blank"`
    - **queryString**: An optional query string for specifying parameters that will be appended to the link target address and used in the rendered URL. Example: `url:http://domain.com/path||queryString="mydata1=5&mydata2=Hello"` produces target address `http://domain.com/path?mydata1=5&mydata2=Hello`
    - **anchor**: An optional anchor name pointing to an anchor defined in the referenced link. Note that in XWiki anchors are automatically created for headings. Example: `url:http://domain.com/path|anchor="HTableOfContents"` produces target address `http://domain.com/path#HTableOfContents`

- **rel**: An optional parameter that allows to open link target in new window. Example: `rel="__blank"`

## Tables

### 2.0 Tables

Allows to easily create content in table format. Parameters for table, row or cell are also supported in XWiki Syntax 2.1.

Feature	XWiki Syntax 2.1	Result						
Standard table	<pre> =Title 1 =Title 2  Word 1 Word 2</pre> <p>or</p> <pre>!=Title 1!=Title 2 !!Word 1!!Word 2</pre>	<table border="1"> <thead> <tr> <th>Title 1</th> <th>Title 2</th> </tr> </thead> <tbody> <tr> <td>Word 1</td> <td>Word 2</td> </tr> </tbody> </table>	Title 1	Title 2	Word 1	Word 2		
Title 1	Title 2							
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Parametrized table	<pre>(% style="background-color:red;align=  =Title 1 =(% style="background-color  Word 1 Word 2</pre>	<table border="1"> <thead> <tr> <th>Title 1</th> <th>Title 2</th> </tr> </thead> <tbody> <tr> <td>Word 1</td> <td>Word 2</td> </tr> </tbody> </table>	Title 1	Title 2	Word 1	Word 2		
Title 1	Title 2							
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Filterable Sortable table	<pre>{{velocity}} \$wiki.ssfx.use("js/xwiki/table/table.css") \$wiki.jsfx.use("js/xwiki/table/tablefilter.js", true) {{/velocity}}</pre> <pre>(% class="grid sortable filterable doOddEven" id="tableid" %) (% class="sortHeader" %) =Title 1 =Title 2  Cell 11 Cell 12  Cell 21 Cell 22</pre> <p>For improved features see the <a href="#">Livetable Macro</a>.</p>	<table border="1"> <thead> <tr> <th>Title 1</th> <th>Title 2</th> </tr> </thead> <tbody> <tr> <td>Cell 11</td> <td>Cell 12</td> </tr> <tr> <td>Cell 21</td> <td>Cell 22</td> </tr> </tbody> </table>	Title 1	Title 2	Cell 11	Cell 12	Cell 21	Cell 22
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## Images

### 2.1 Images

Feature	XWiki Syntax 2.1	Result
Image from attachment on current page	<code>image:img.png</code>	

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Image from attachment on another page	<code>image:Space.Page@img.png</code>	
Image with parameters	<code>[[image:img.png  width="25" height="25"]]</code>	
Images located at URL	<code>image:http://some/url/img.png</code>	
Prepackaged Icons	<code>image:icon:accept</code>	

### XWiki Syntax 2.1 Image Specification

The part in ( ) is required, while the parts in { } are optional.






The full format of an image is either **image: (reference)** or **[[image: (reference) {||parameters}]]**

- **image:** A required string identifying the resource as image.
- **reference:** The reference to the image that shall be displayed in one of the following forms:
  - **URL:** Any URL to an image in the form of **protocol://path/imageName**. Example: `http://domain.org/path/img.png`
  - **Attachment** reference in the form **{{wikiName:} space.} page@} (imageName)**
    - **wikiName:** An optional string containing the name of a virtual wiki. The image reference will point to an image attached to a page inside that virtual wiki. Example: `mywiki`
    - **space:** An optional wiki Space name. If no space is specified the current space is used. Example: `Main`
    - **page:** An optional string containing the name of the wiki page to which the referenced image is attached. Example: `WebHome`
    - **imageName:** A required string containing the name of the image attached to a page as it is stored in the wiki.
  - **Icon** reference in the form **(icon:) (iconName)**. Example: `icon:accept`
    - **icon:** A required string identifying the image reference as an icon from the [XWiki Icon Set](#).
    - **iconName:** A required string identifying the icon referenced. Example: `accept`
  - **Data URI** in the form **(data:) (content)**. Example: `data:image/png;base64,iVBORwOKGgoAAAANSUHEUgAAAAUAAAAFCAYAAACNbyblAAAAHE1EQVQI12P4//8/w38GIAXDIBKE0DHxgljNBAAO9TXL0Y4OHwAAAABJRU5ErkJggg==`
    - **data:** A required string identifying the image as being specified inline using the [Data URI scheme](#).
    - **content:** The encoded image. Example: `image/png;base64,iVBORwOKGgoAAAANSUHEUgAAAAUAAAAFCAYAAACNbyblAAAAHE1EQVQI12P4//8/w38GIAXDIBKE0DHxgljNBAAO9TXL0Y4OHwAAAABJRU5ErkJggg==`
- **parameters:** An optional list of space-separated parameters passed to the image. Example: `width="800" height="600" alt="img.png" title="My nice image"`
  - **HTML attributes:** All attributes defined by the HTML standard will be added to the rendered HTML `<img>` tag.
    - **style:** CSS style information that should be applied to the image. Examples:  
`style="float:right;height:50"` (image on right side, height 50 px),  
`style="display:block;margin-left:auto;margin-right:auto;width:80%"` (image centered, width 80% of block width), `style="vertical-align:bottom"` (text starts at bottom of picture)
    - **height:** A parameter that defines the height of the displayed image. The value should be presented either in pixel (example: `height="80"`) or in pixel related to the height of the block containing the image (example: `height="40%"`).
    - **width:** A parameter that defines the width of the displayed image. The value should be presented either in pixel (example: `width="80"`) or in pixel related to the width of the block containing the image (example: `width="40%"`).
    - **title:** A parameter that defines the title the displayed image which will be visible when hovering the mouse trigger over the image, for instance. Example: `title="My nice image"`
    - **alt:** A parameter that defines which text should be displayed if the browser is not able to display the image. Since this is a required HTML attribute XWiki will use the file name instead if the `alt` parameter is not defined. Example: `alt="img.png"`

- **More:** A more in depth explanation on the HTML `<img>` tag including more attributes can be reviewed [on w3.org](http://on.w3.org).
- **queryString:** Allows queries to be passed to the server when creating the download link for the referenced image. Example: `queryString="width=100&height=800&keepAspectRatio=true"` (**keepAspectRatio=true will fail if the width and height parameters are specified in addition to queryString!**)

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