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# System Information

Variables in this category:

- CHILDREN -- find children of a topic
- CONTENTMODE{web="WEB"} -- content mode
- HOSTNAME -- hostname of the server serving TWiki
- MDREPO -- retrieve data from metadata repository
- SITENAME -- the current site name
- SITESTATISTICSTOPIC -- name of site statistics topic
- TOPICTITLE -- title of a topic
- WIKIWEBMASTER -- email address of the administrator
- WIKIWEBMASTERNAME -- name of the administrator

## CHILDREN -- find children of a topic

- Find direct children of a topic, as defined by the parent-child relationship between topics.
- To find children recursively (topic tree) use the TreePlugin.
- Syntax: %CHILDREN{...}%
- Supported parameters:

Parameter:	Description:	Default:
web="%WEB%"	Wiki web.	Current web
topic="%TOPIC%"	The topic to find the children.	Current topic
format="..."	Custom format for each topic found. Supports same format strings as SEARCH. See <b>FormattedSearch</b> for usage, variables & examples	"\$topic"
separator="..."	Separator between topics.	", "
default="none"	Default text shown if no children found.	"" (empty)

- Example: %CHILDREN{ topic="%TOPIC%" }%
- Category: SearchingAndListingVariables, SystemInformationVariables
- Related: META, PARENTTOPIC, METASEARCH, SEARCH (this topic)

## CONTENTMODE{web="WEB"} -- content mode

- Returns the content mode of the specified web. It's either 'local', 'read-only', 'master', or 'slave'. Read [ReadOnlyAndMirrorWebs#Content\\_modes](#) for more detail.
- Syntax: %CONTENTMODE{web="WEB"}%
- Supported parameters:

Parameter:	Description:	Default:
web	The name of the web.	The current web

- Category: SystemInformationVariables
- Related: SITENAME, ReadOnlyAndMirrorWebs, MetadataRepository (this topic)

## HOSTNAME -- hostname of the server serving TWiki

- This variable is handled by the HostnamePlugin.
- Syntax: %HOSTNAME%
- Expands to: twiki06.cern.ch
- Category: SystemInformationVariables

- Related: HTTP\_HOST, REMOTE\_ADDR, REMOTE\_PORT, REMOTE\_USER, HostnamePlugin (this topic)

## MDREPO -- retrieve data from metadata repository

- **Attention:** This variable works only if MetadataRepository is in use. Otherwise, it always returns a zero length string.
- This retrieves data from the specified metadata repository table.
- Syntax: %MDREPO{ "table" ...}% (generic form), %MDREPO{ web="..." ...}% (web specific form)
- Parameters (generic form without web="..." parameter):

Parameter	Description	Default												
"..."	Specify the table to retrieve	This or below is required												
table="..."	(Alternative to above)	This or above is required												
separator="..."	The separator string of records	"\$n" (new line)												
format="..."	<p>Format of one record. It may contain the following items. In addition, the standard special tokens are handled accordingly.</p> <table border="0"> <thead> <tr> <th>Item</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>\$_ or \$_()</td> <td>the record ID</td> </tr> <tr> <td>\$_ or \$_()</td> <td>The record value in the following format: <i>FIELD_NAME=FIELD_VALUE</i> <i>FIELD_NAME=FIELD_VALUE</i> ...</td> </tr> <tr> <td>\$marker or \$marker()</td> <td>Expands to <code>marker</code> for the item matching selection only Please be noted that you need to put <code>_</code> (underscore) in front of a field name. <code>\$_FIELD_NAMES</code></td> </tr> <tr> <td>\$_FIELD_NAME or \$_FIELD_NAME()</td> <td>yields the value of the specified field. If the specified field does not exist in the record, it returns the null string ("").</td> </tr> <tr> <td>?FIELD_NAME?IF_FIELD_HAS_VALUE?</td> <td>If the specified field has value and it's neither 0 nor the null string (""), it's evaluated as <code>IF_FIELD_HAS_VALUE</code>. Otherwise, it's evaluated as the null string. This is like <code>q/.../</code> in Perl. A non-word character following <code>?FIELD_NAME</code> becomes the terminator; i.e. you can write: <code>?FIELD_NAME:IF_TRUE:</code> Specifically, the following characters can be used as the delimiter: <code>! # % ' / : ? @ ^ \   ~</code></td> </tr> </tbody> </table>	Item	Description	\$_ or \$_()	the record ID	\$_ or \$_()	The record value in the following format: <i>FIELD_NAME=FIELD_VALUE</i> <i>FIELD_NAME=FIELD_VALUE</i> ...	\$marker or \$marker()	Expands to <code>marker</code> for the item matching selection only Please be noted that you need to put <code>_</code> (underscore) in front of a field name. <code>\$_FIELD_NAMES</code>	\$_FIELD_NAME or \$_FIELD_NAME()	yields the value of the specified field. If the specified field does not exist in the record, it returns the null string ("").	?FIELD_NAME?IF_FIELD_HAS_VALUE?	If the specified field has value and it's neither 0 nor the null string (""), it's evaluated as <code>IF_FIELD_HAS_VALUE</code> . Otherwise, it's evaluated as the null string. This is like <code>q/.../</code> in Perl. A non-word character following <code>?FIELD_NAME</code> becomes the terminator; i.e. you can write: <code>?FIELD_NAME:IF_TRUE:</code> Specifically, the following characters can be used as the delimiter: <code>! # % ' / : ? @ ^ \   ~</code>	"   \$_   \$__  "
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\$_ or \$_()	The record value in the following format: <i>FIELD_NAME=FIELD_VALUE</i> <i>FIELD_NAME=FIELD_VALUE</i> ...													
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	<p><code>?!FIELD_NAME?IF_FIELD_HAS_NO_VALUE?</code></p> <p><code>\$question</code></p>	<p>= is excluded because it clashes with a parameter specification in a URL (<code>?name=value</code>).</p> <p>Similar to above but it's opposite. If the field has value, it's evaluated as the null string. Otherwise, it's evaluated as <code>IF_FIELD_HAS_NO_VALUE</code>.</p> <p>Replaced with <code>?</code> after the <code>?FIELD_DNAME</code> and <code>?!FIELD_ANME</code> constructs are processed.</p>	
<code>selection="..."</code>	The record ID to be regarded as the selected. It affects how <code>\$marker</code> in the format is evaluated.		<i>none</i>
<code>marker="..."</code>	Text for <code>\$marker</code> in the format if the item matches <code>selection</code>		"selected"
<code>filter="..."</code>	The regular expression of record IDs to filter records. Matching is case-insensitive		<i>none</i>
<code>exclude="..."</code>	Comma separated list of record IDs to be excluded. You can use regular expression. If you specify <code>Trash\d*</code> , then <code>Trash</code> , <code>Trash1</code> , <code>Trash2</code> , ... are excluded but <code>LightTrash</code> and <code>TrashBag</code> are not excluded		<i>none</i>

- Example: `%MDREPO{"webs" filter="^A" format="| $_ | $_admin | $_master |"}%`  
This would show the metadata of webs whose names start with A.
- Parameters (web specific form):

Parameter	Description	Default
<code>web="..."</code>	Specify the web. If it's a subweb, the corresponding top level web is specified	This is required
<code>"..."</code>	Specify the format of the return value in the same manner as the <code>format</code> parameter in the generic form	<code>\$__</code>
<code>default="..."</code>	Specify the value to be returned when the specified or implied top level web does not exist in MDREPO	" " (null string)

- Example: `%MDREPO{web="Foo/Bar" "$_admin"}%`  
This would show the admin field of the Foo web.
- Category: AdministrationVariables, SystemInformationVariables
- Related: MetadataRepository (this topic)

## SITENAME -- the current site name

- Syntax: `%SITENAME%`
- Supported parameters: none
- Returns the current site name defined by `{ReadOnlyAndMirrorWebs}{SiteName}` if defined. Returns the null string if not.
- Category: SystemInformationVariables
- Related: CONTENTMODE, ReadOnlyAndMirrorWebs (this topic)

## SITESTATISTICSTOPIC -- name of site statistics topic

- Note: The site statistics topic is assumed to be in the Main web.
- Syntax: `%SITESTATISTICSTOPIC%`
- Expands to: `SiteStatistics`
- Example: `%USERSWEB%.%SITESTATISTICSTOPIC%` renders as `SiteStatistics`
- Category: SystemInformationVariables

- Related: HOMETOPIC, NOTIFYTOPIC, STATISTICSTOPIC, TOPIC (this topic)

## TOPICTITLE -- title of a topic

- The topic title is defined by, in order of sequence:
  - ◆ form field named "Title",
  - ◆ topic preference setting named TITLE,
  - ◆ topic name.
- Syntax: %TOPICTITLE% or %TOPICTITLE{ topic="TopicName" }%
- Supported parameters:

Parameter:	Description:	Default:
"..." or topic="..."	Topic to get the title from. Can be of form TopicName or Web.TopicName.	Current topic
encode="html"	Encode special characters into HTML entities. If a TOPICTITLE is passed into an HTML form field it should be encoded as "html". Additional encodings: encode="quote", encode="moderate", encode="safe", encode="entity" and encode="url". See ENCODE for details.	" " (no encoding)

- Example: %TOPICTITLE{Projects.SushiProject}% returns Sushi Project assuming the topic has a form field named "Title" with value "Sushi Project"
- Expands to: TWikiVariablesCategoryBody
- Hint: Write [[+SomeTopicName]] to get the topic title link of a topic, see TWikiEditingShorthand#TopicTitleLinks
- Category: SystemInformationVariables
- Related: BASETOPIC, INCLUDINGTOPIC, PARENTTOPIC, TOPIC, TOPICLIST, TOPICURL, WEB (this topic)

## WIKIWEBMASTER -- email address of the administrator

- %WIKIWEBMASTER% expands to the email address of the administrator of this TWiki installation.
- Syntax: %WIKIWEBMASTER%, expands to: `twtool.support@cern.ch`
- Category: SystemInformationVariables
- Related: WIKIWEBMASTERNAME (this topic)

## WIKIWEBMASTERNAME -- name of the administrator

- %WIKIWEBMASTERNAME% expands to the name of the administrator of this TWiki installation.
- Syntax: %WIKIWEBMASTERNAME%, expands to: `Twiki Administrator`
- Category: SystemInformationVariables
- Related: WIKIWEBMASTER (this topic)

*Total:* 9 variables

*Categories:*

*Related Topics:* TWikiVariables, TWikiVariablesSearch, TWikiVariablesQuickStart

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**Note:** Please contribute updates to this topic on TWiki.org at [TWiki:TWiki.SystemInformationVariables](#)