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VarENCODE

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ENCODE{"string"} -- encodes a string to HTML entities

- Encode "special" characters to HTML numeric entities. Encoded characters are:
 - ◆ all non-printable ASCII characters below space, except newline ("`\n`") and linefeed ("`\r`")
 - ◆ HTML special characters "<", ">", "&", single quote (') and double quote (")
 - ◆ TML special characters "%", "[", "]", "@", "_", "*", "=", and "| "

- Syntax: `%ENCODE{"string"}%`

- Supported parameters:


Parameter:	Description:	Default:
"string"	String to encode	required (can be empty)
type="entity"	Control how special characters are encoded	type="url"
type="safe"		
type="html"	entity: Encode special characters into HTML entities, like a double quote into <code>&#034;</code> . Does not encode <code>\n</code> or <code>\r</code> .	
type="quotes"	safe: Encode characters ' "<>% into HTML entities.	
type="url"	html: As type="entity" except it also encodes <code>\n</code> and <code>\r</code>	
	quotes: Escape double quotes with backslashes (<code>\</code> "), does not change other characters	
	url: Encode special characters for URL parameter use, like a double quote into <code>%22</code> (this is the default)	

- Example: `%ENCODE{"spaced name"}%` expands to `spaced%20name`
- ⚠ Values of HTML input fields must be entity encoded.
Example: `<input type="text" name="address" value="%ENCODE{ "any text" type="entity" }%" />`
- ⚠ Double quotes in strings must be escaped when passed into other macros.
Example: `%SEARCH{ "%ENCODE{ "string with "quotes" type="quotes" }%" noheader="on" }%`
- ⚠ ENCODE can be used to filter user input from URL parameters and similar to protect against cross-site scripting. The safest approach is to use `type="entity"`. This can however prevent an application from fully working. You can then use `type="safe"` which encodes only the characters ' "<>% into HTML entities (same as `encode="safe"`). When ENCODE is passing a string inside another macro always use double quotes (") `type="quote"`. For maximum security against cross-site scripting you are advised to install the Foswiki:Extensions.SafeWikiPlugin.

- Related: URLPARAM










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