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# VarURLPARAM

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## URLPARAM{"name"} -- get value of a URL parameter











- Returns the value of a URL parameter.
- Syntax: %URLPARAM{ "name" }%
- Supported parameters:

| Parameter:   | Description:  | Default:        |
|--|---|-----------------|
| "name"   | The name of a URL parameter   | required        |
| default="..."  | Default value in case parameter is empty or missing   | empty string    |
| newline="<br />"   | Convert newlines in textarea to other delimiters  | no conversion   |
| encode="off"<br>encode="entity"<br>encode="safe"<br>encode="url"<br>encode="quote" | Control how special characters are encoded<br><br>off: No encoding. Avoid using this when possible. See the security warning below.<br><br>entity: Encode special characters into HTML entities. See ENCODE for more details.<br><br>safe: Encode characters ' "<>% into HTML entities.<br><br>url: Encode special characters for URL parameter use, like a double quote into %22<br><br>quote: Escape double quotes with backslashes (\"), does not change other characters; required when feeding URL parameters into other macros. | "safe"          |
| multiple="on"<br>multiple="[[ \$item ]]"   | If set, gets all selected elements of a <select multiple="multiple"> tag. A format can be specified, with \$item indicating the element, e.g. multiple="Option: \$item"   | first element   |
| separator=", "   | Separator between multiple selections. Only relevant if multiple is specified   | "\n" (new line) |

- Example: %URLPARAM{ "skin" }% returns print for a .../view/System/VarURLPARAM?skin=print URL
-  **Notes:**
  - ◆ URL parameters passed into HTML form fields must be entity ENCODEd.
  - ◆ Double quotes in URL parameters must be escaped when passed into other macros.  
Example: %SEARCH{ "%URLPARAM{ "search" encode="quote" }%" noheader="on" }%
  - ◆ When used in a template topic, this macro will be expanded when the template is used to create a new topic. See TemplateTopics#TemplateTopicsVars for details.
  - ◆ Watch out for internal parameters, such as rev, skin, template, topic, web; they have a special meaning in Foswiki. Common parameters and view script specific parameters are documented at CommandAndCGIScripts.
  - ◆ If you have %URLPARAM{ in the value of a URL parameter, it will be modified to %<nop>URLPARAM{. This is to prevent an infinite loop during expansion.

- ◆ Security warning! Using URLPARAM can easily be misused for cross-site scripting unless specific characters are entity encoded. By default URLPARAM encodes the characters ' " < > % into HTML entities (same as encode="safe") which is relatively safe. The safest is to use encode="entity". When passing URLPARAM inside another macro always use double quotes ("" ) combined with using URLPARAM with encode="quote". For maximum security against cross-site scripting you are adviced to install the Foswiki:Extensions.SafeWikiPlugin.
- Related: ENCODE, SEARCH, FormattedSearch, QUERYSTRING

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