

Common Macros

<code>#comment("\$inode")</code>
<code>#crumbtrail()</code>
<code>#decrypt(\$encryptedStr) → \$decryptedStr</code>
<code>#dotParse("\$path")</code>
<code>#editContentlet("\$inode")</code>
<code>#encrypt("\$string") → \$encryptedStr</code>
<code>#fileRepository("\$path")</code>
<code>#getContent("\$id") → \$content</code>
<code>#mp3Player("\$songOrXMLURL")</code>
<code>#navigation(\$startLevel \$levelsToShow)</code>
<code>#pageContent("\$query" "\$sortBy" "\$numPerPage" "numCurrentPage") → \$list</code>
<code>#permalink("\$id")</code>
<code>#photoGallery("\$path")</code>
<code>#pullRSSFeed("\$path") → \$list</code>
<code>#pullContent("\$query" "\$limit" "\$sortBy") → \$list</code>
<code>#pullRelatedContent("\$relationshipName" "\$inode" "\$limit" "\$sortBy") → \$list</code>
<code>#submitContent("\$structureName")</code>
<code>#tagCloud("\$structure" "\$url" "\$maxNum")</code>
<code>#titleImage("\$string")</code>
<code>#videoPlayer("\$url")</code>

Servlets

<code>/resize_image?[path or id]&[h &/or w] or [maxh and maxw]</code>
<code>/thumbnail?[path or id]&[h &/or w]&[r & g & b]</code>
<code>/dotCMS/downloadVCalendar?id=[id]</code>

Useful Viewtool Methods

<code>\$categories.getCategoryByInode("\$inode")</code>
<code>\$date.format("\$date", "\$pattern")</code>
<code>\$dateviewapi.friendly("\$date")</code>
<code>\$list.size()</code>
<code>\$request.getHeader('httpHeaderParameter')</code>
<code>\$request.getParameter('uriParameter')</code>
<code>\$response.sendRedirect("\$urlString")</code>
<code>\$session.getAttribute('key')</code>
<code>\$session.setAttribute('key', 'value')</code>
<code>\$utilMethods.encodeURL("\$urlString")</code>
<code>\$utilMethods.isSet(\$var)</code>
<code>\$utilMethods.prettyShortenString("\$string", len)</code>
<code>\$utilMethods.random(minVal, maxVal)</code>

Template

<code>#parseContainer(inode)</code>

Velocity

<code>## single line comment</code>
<code>##* multi line comment *##</code>
<code>\# escaped hash</code>
<code>#set(\$var = value)</code>
<code>#foreach(\$item in \$list)... #end</code>
<code>#foreach(\$value in [0..5])... #end</code>
<code>##if(\$condition)... #elseif(\$condition2)... #end</code>
<code>#macro(name \$var1 \$var2 \$varN)... #end</code>
<code>#parse("\$serverFilePath")</code>
<code>\$velocityCount → foreach loop counter</code>

Extra File/Image Field Values

FileExtension	ImageExtension
FileFriendlyName	ImageFriendlyName
FileIdentifier	ImageIdentifier
FileInode	ImageInode
FileName	ImageName
FilePath	ImagePath
FileTitle	ImageTitle
FileURI	ImageURI
	ImageHeight
	ImageWidth

Global Page Variables

<code>\$EDIT_MODE</code>
<code>\$friendlyName</code>
<code>\$HTMLPAGE_FRIENDLY_NAME</code>
<code>\$HTMLPAGE_INODE</code>
<code>\$HTMLPAGE_META</code>
<code>\$HTMLPAGE_REDIRECT</code>
<code>\$HTMLPAGE_SECURE</code>
<code>\$HTMLPAGE_TITLE</code>
<code>\$HTML_PAGE_LAST_MOD_DATE</code>
<code>\$pageChannel</code>
<code>\$pageTitle</code>
<code>\$TEMPLATE_INODE</code>
<code>\$VTLSEVLET_URI</code>

Common Velocity Tools

DateTool	- \$date
EscapeTool	- \$esc
ListTool	- \$list
MathTool	- \$math
RenderTool	- \$render
SortTool	- \$sort

Container Variables

<code>\$ADD_CONTENT_PERMISSION</code>
<code>\$containerInode</code>
<code>\$CONTAINER_IDENTIFIER_INODE</code>
<code>\$CONTAINER_INODE</code>
<code>\$CONTAINER_MAX_CONTENTLETS</code>
<code>\$CONTAINER_NAME</code>
<code>\$CONTAINER_NOTES</code>
<code>\$CONTAINER_NUM_CONTENTLETS</code>
<code>\$CONTAINER_STRUCTURE_NAME</code>
<code>\$CONTENTLETS</code>
<code>\$CONTENTS_PER_PAGE</code>
<code>\$CURRENT_PAGE</code>
<code>\$EDIT_CONTENT_PERMISSION</code>
<code>\$LUCENE_QUERY</code>
<code>\$SERVER_NAME</code>
<code>\$SORT_PAGE</code>
<code>\$STATIC_CONTAINER</code>

Lucene Syntax

+	- required
-	- exclude
?	- wildcard (single character)
*	- wildcard (1 or more)
<i>(note: wildcards can't be the first character)</i>	
+ (col1:X col2:Y col3:Z)	- 1 or more required
queryTerm~	- fuzzy search
queryTerm~0.8	- fuzzy search w/ similarity
"term1 term2"~10	- proximity search
field:[val1 TO val2]	- range search

Category Object Field Values

<code>.CategoryName</code>
<code>.getKey()</code>

Other Content Map Fields

<code>.contentletCategories</code>
<code>.contentletCategoriesKeys</code>
<code>.contentletCategoriesNames</code>
<code>.contentLastModDate</code>
<code>.contentLastModUserId</code>
<code>.detailPageURI</code>
<code>.identifier</code>
<code>.inode</code>
<code>.structureInode</code>