Semantic MediaWiki quick reference

Covers MediaWiki extensions Semantic MediaWiki 1.2, Semantic Forms 1.2, Semantic Calendar 0.2 and Semantic Drilldown 0.4

Properties

Special pages: Types, CreateProperty, Properties, UnusedProperties, Browse, SearchByProperty, Ask

Defining a triple: [[*property-name*::*value*]]

Defining a property:
[[Has type::*type-name*]]
[[Allows value::*enum-value*]] (for enumerations)

Property types: String, Page, Text, Code, Number, URL, Email, Date, Boolean, Geographical coordinate, Temperature

Inline queries

Syntax: {{#ask:*argument1*|*argument2*|...}}

Parameters:

query-conditions	link={none|subject|all}
? *property-name=label*	default=
limit=	intro=
offset=	searchlabel=
sort=	format=
order={asc|desc}	sep=
headers={show|hide}	template=
mainlabel=	

Query conditions: [[Category:*category-name*]]... [[Concept:*concept-name*]]... [[*property-name*::*value*]]...

Subquery: [[prop1.prop2.prop3::value]]

Operators: :: (equals), ::< (less than), ::> (greater than), ::~ (like), ::! (not)

Format types: list, ol, ul, table, broadtable, timeline, eventline, embedded, template, count, debug, rss, vcard, icalendar

Sample query: to create a table of all cities in Europe and their populations, sorted by population:

```
{{#ask:mainlabel=City|[[Category:Cities]]
  [[Has country.Has continent::Europe]]|
  ? Has population=Pop.|sort=Has population}}
```

Defining a concept: Within the 'Concept' namespace:
{{#concept:*query-conditions*|*description*}}

Semantic templates

Special pages: CreateTemplate, Templates

Simple semantic template definition:

```
Field-label: [[property-name::{{{field-name|}}}]]
[[Category:category-name]]
```

Setting a field to hold multiple values:
{{#arraymap:*value*|*delimiter*|*var*|*formula*|*new_delimiter*}}
{{#arraymaptemplate:*value*|*template-name*|*delimiter*|*new_delimiter*}}

Forms

Special pages: CreateForm, Forms, CreateCategory

Simple form definition:

```
{{{for template|template-name}}}
field-label: {{{field|field-name}}}
{{{end template}}}
{{{field|free text}}}

{{standard input|save}}}
```

Form tags:

info	field
for template	choosers
end template	standard input

'info' parameters:

add title=	partial form
edit title=	page name=

'for template' parameters:

label=	chooser=
multiple	chooser caption=
strict	

'field' parameters:

input type=	hidden
size=	mandatory
rows=	restricted
cols=	uploadable
class=	values=
maxlength=	default=
list	preload=
delimiter=	
autocomplete	
no autocomplete	
autocomplete on property=	
autocomplete on category=	
autocomplete on concept=	
autocomplete on namespace=	
remote autocompletion	

'standard input' types:

minor edit	preview
watch	changes
summary	cancel
save	

'standard input' parameters:
label=

Input types

Field type	Default input type	Other allowed input types
Page, String, Number, etc.	text	textarea
Text, Code		
Date	textarea	text
Enumeration	date	
Boolean	dropdown	radiobutton
List of Page, String, etc.	checkbox	
	text	textarea
List of Enumerations	checkboxes	listbox

Form input:
{{#forminput:*form-name*|*size*|*value*|*button_text*|*query_string*}}

Form input query string options:
template_name[*field_name*]=
namespace= super_page=

Attaching red links to forms:
(in a property page)
[[Has default form::Form:*form-name*]]
[[Has alternate form::Form:*form-name*]]
(in a namespace page (*project-namespace*: *namespace-name*))
[[Has default form::Form:form-name]]

Setting the 'edit with form' tab:
(in a category or namespace page)
[[Has default form::Form:*form-name*]]

Forms that set an automatic page name

In form definition:
{{{info|page name=...<*template-name*[*field-name*]> ... <unique number>}}}

Linking to the form:
{{#formlink:*form-name*|*link_text*|*link_type*|*query_string*}}

Calendar

Defining a calendar:
{{#semantic_calendar:
property-name|
query-conditions}}

Drilldown

Special pages: CreateFilter, Filters, BrowseData

Defining a filter:
[[Covers property::Property:*property-name*]]
[[Has value::*value*]]
[[Uses time period::{Year|Month}]]
[[Gets values from category::Category:*category-name*]]
[[Requires filter::Filter:*filter-name*]]
[[Has label::*label*]]

Adding a filter to a category:
[[Has filter::Filter:*filter-name*]]

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Inspired by the cheat sheets by Dave Child at addedbytes.com