The CALM Tag Rules Tables

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Maintain ".../CALM/metadata_tools.db" <u>only</u>

(1) Installing a SQLite Table Maintenance Application

Maintain ".../CALM/metadata_tools.db" only

http://sqlitebrowser.org/

https://addons.mozilla.org/en-US/firefox/addon/sqlite-manager/

(2) The Four Tag Rules Tables and What They Do

A) Table "_tag_rules": This table uses either simple matches to Tags or regular expression matches to Tags in order to change an existing Tag into a different Tag and to delete undesirable existing Tags.

B) Table "_tag_capitalization_rules": This table uses regular expression matches (only) to match pieces of Tags in order to change their capitalization and/or to add a leading or trailing space.

C) Table "_tag_combination_rules": This table will create entirely new Tags out of thin air based on combinations of 2 or 3 existing Tags.

D) Table "_tag_string_replacement_rules: This table allows you to change bits and pieces of Tags from one value into another. Useful for correcting non-English words that are missing accents or other diacritics. Case sensitive.

The four Tag Rules tables are used in the Metadata Tools tab:

(3) Maintaining Table "_tag_rules"

There are three ways to maintain table "_tag_rules":

- **"Easy-Add Tags to Purge Rules"**

- **"Easy-Add Tags to Change Rules"**

- **"Manual Maintenance"**

You will want to use the two "Easy-Add" functions first to easily add new rules for existing Tags, but then you will need to use the third "Manual" approach to tweak or delete those rules added via the "Easy-Add" functions, and to manually add new rules for Tags that may or may not currently exist in the CALM Target Library.

[3a] "Easy-Add Tags to Purge Rules"

[3b] "Easy-Add Tags to Change Rules"

	Target Tags Missing Tag Rules [table: _tag_rules]	Newtag	Make /REGEX/? [1 = True, Blank or 0 = False]
1	Aid		
2	Aids		
3	Counterrevolutionary		
4	Data		
5	Dog		
6	Duchess		
7	ESPANOL		
8	ESPAÑOL		
9	Earth		
10	Electroencephalographic		
11	English		
12	España		
13	Evolution		
14	Factual:Corptest		
15	Factual:Customtest		
16	Fantasy		
17	Ficción		
18	French		
19	Frequency		
20	Gene		
21	God		
22	Human		
23	Individual		
24	Investigación		
25	Lottery		
26	Male		
27	Methylphenidate		

CALM Easy-Add Tag-to-NEWTAG Mappings to Tag Rules Table (CALM: Tags-to-Change Rules)

OK   Cancel

[3c] "Manual Maintenance"

[3c1] Simple Matches: no leading and trailing '/'

[3c2] Regular Expression Matches: leading and trailing '/'

[3c3] Purgetag = 0 means "No; Change oldtag to newtag"

[3c4] Purgetag = 1 means "Yes; Delete matching Tags"

[3c5] Newtag must be empty if purgetag = 1

(4) Maintaining Table "_tag_capitalization_rules"

- **All of the match criteria are implicitly regular expressions (regexes). They do <u>not</u> use a leading and trailing '/'.**

- **Each of the match criteria are processed in priority sequence for each Tag.**

- **Any matching regex for a Tag will cause that capitalization rule to be invoked for that particular Tag.**

- **The capitalization rules are shown in the image. These are all of them.**

<u>Example</u>:

You have a raw Tag of: *"factual:history-war&military-world war 2-africa-north africa-libya"*.

CALM can capitalize it using this table, resulting in: *"Factual:History-War&Military-World War 2-Africa-North Africa-Libya"*.

DB Browser for SQLite - X:\MyPlugins\calm_development\metadata_tools.db

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Database Structure | Browse Data | Edit Pragmas | Execute SQL

Table: _tag_capitalization_rules

	id	regex	rule	priority
	Filter	Filter	Filter	Filter
1	19	[a-z]+	lowercase	999
2	18	^[a-z]	uppercase	950
3	14	^Fiction[:]	titlecase	900
4	15	^Factual[:]	titlecase	900
5	12	deletemenow	delete	200
6	16	[#]	addspace_left	200
7	17	[#]	addspace_right	200
8	1	[:][a-z]	uppercase	100
9	2	[-][a-z]	uppercase	100
10	3	[.][a-z]	uppercase	100
11	4	[&][a-z]	uppercase	100
12	5	[_][a-z]	lowercase	100
13	6	[ ][a-z]	uppercase	100
14	7	[a-z][ ]	lowercase	100
15	8	[a-z][:]	lowercase	100
16	9	[a-z][-]	lowercase	100
17	10	[a-z][&]	lowercase	100
18	11	[a-z][_]	lowercase	100
19	13	[a-z][.]	lowercase	100
20	20	[S][F]	uppercase	90

(5) Maintaining Table "_tag_combination_rules"

Tag Keywords are any substring within any Tag. Keywords can be bits and pieces of a single Tag. Example: 'Alpha Male' might be part of the Tag 'Big Alpha Male Werewolf', and rule #6 would be valid if that same book had a Tag with the substring 'romance' or 'Romance' or 'ROMANCE'.

Tag Keyword 3 is optional. If it is unneeded for a particular rule, simply add a "NONE" to indicate that it should be ignored for that particular rule.

DB Browser for SQLite - X:\MyPlugins\calm_development\metadata_tools.db

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Database Structure   Browse Data   Edit Pragmas   Execute SQL

Table: _tag_combination_rules

	tag_keyword_1	tag_keyword_2	tag_keyword_3	newtag
	Filter	Filter	Filter	Filter
1	Fantasy	Urban	Steampunk	Fiction:Fantasy-Urban-Steampunk
2	Romance	Vampire	NONE	Fiction:Romance-Paranormal
3	Romance	Suspense	NONE	Fiction:Romance-Suspense
4	Romance	Thriller	NONE	Fiction:Romance-Suspense
5	Romance	Werewolves	NONE	Fiction:Romance-Paranormal
6	Alpha Male	Romance	NONE	Fiction:Romance-Paranormal
7	Fantasy	Shapeshifter	NONE	Fiction:Fantasy-Shapeshifter
8	Erótico	Romántico	Humor	Fiction:Romantic-Erotic-Humorous

(6) Maintaining Table "_tag_string_replacement_rules"

This table replaces bits and pieces of a Tag with other bits and pieces. It matches at the sub-Tag level, not the Tag level. If the old_string equals a whole Tag, fine. If not, fine too. Important: old_string is case sensitive in its matching (e.g. 'Espana' is not the same as 'espana').

These particular rules shown to the right correct Spanish words that have missing diacritics in Tags.

This table is yours, so maintain it as you wish. It will not be used by CALM unless you explicitly invoke it within CALM's Metadata Tools tab.

Database Structure	Browse Data	Edit Pragmas	Execute SQL

Table: _tag_string_replacement_rules

	id	old_string	new_string
	Filter	Filter	Filter
1	1	Espanol	Español
2	2	Fantastico	Fantástico
3	5	Satira	Sátira
4	6	Romantico	Romántico
5	8	Magico	Mágico
6	9	Antropologia	Antropología
7	10	Política	Política
8	11	Policiaco	Policíaco
9	12	Poesia	Poesía
10	13	policiaca	policíaca
11	15	dramatica	dramática
12	16	Filosofia	Filosofía
13	17	Ficcion	Ficción
14	18	Fantasia	Fantasía
15	19	Investigacion	Investigación
16	20	Espana	España
17	21	Erotico	Erótico
18	22	epica	épica
19	23	Psicologia	Psicología
20	24	Economia	Economía
21	25	Divulgacion	Divulgación
22	26	Recopilacion	Recopilación
23	28	Clasico	Clásico
24	29	Comunicacion	Comunicación
25	30	Tecnologia	Tecnología