

MetaMap Output Methods and their Interaction with Other Options

Options	MetaMap Version	MetaMap Output Methods							
		Human Readable (Default Batch)	Bracketed (-+) (Default Interactive)	MMI (-M) [MM 2007/8]	Machine (-q)	XML (-% format) (-% noformat)	Fielded (-f) [MM 2007 only]	Fielded MMI (-N)	Display Phrases Only
Output Display									
Tagger Output (-T) [§]	7,8,9	✓	✓	✗	✓	✓	✗	✓	✗
Variants (-v)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Hide Plain Syntax (-p)	7,8,9	✓	✓	✓	✗	✗	✗	✗	✗
Syntax (-x)	7,8,9	✓	✓	✓	INCL	INCL	INCL	✗	✗
Hide Candidates (-c) [§]	7,8,9	✓	✓	✓	✗	✗	✗	✗	✗
Number Candidates (-n) [§]	7,8,9	✓	✓	✓	✗	✗	✗	✗	✗
Hide Semantic Types (-s)	7,8,9	✓	✓	✓	✗	✗	✗	✓	✗
Show CUIs (-l)	7,8,9	✓	✓	✓	INCL	INCL	✓	INCL	✗
Hide Mappings (-m)	7,8,9	✓	✓	✓	✗	✗	✓	✗	✗
Show Preferred Names Only (-O)	7,8,9	✓	✓	✓	✗	✗	✗	✗	✗
NegEx Results (--negex)	8,9	✓	✓	✗	INCL	INCL	✗	✓	✗
Formal Tagger Output (-F) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Show Orig. Phrases (-H)	7,8	✓	✓	✗	✗	✗	✗	✗	✗
Show Concept's Sources (-G)	7,8,9	✓	✓	✓	INCL	INCL	✗	✗	✗
Show Acronym/Abbreviations (-j)	7,8,9	✓	✓	✗	INCL	INCL	✗	✗	✗
Behavior									
No Text Tagging (-t)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
No Derivational Variants (-d) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
All Derivational Variants (-D) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Allow Acronym/Abbreviation Variants (-a) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Unique Acronym/Abbreviation Variants Only (-u) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Ignore Stop Phrases (-K)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Allow Large N (-l)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Threshold (-r)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Ignore Word Order (i)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Prefer Multiple Concepts (-Y)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Compute/Display All Mappings (-b)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Truncate Candidates Mapping (-X)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Use Word Sense Disambiguation (-y)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Browse Mode									
Term Processing (-z)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Allow Overmatches (-o)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Allow Concept Gaps (-g)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗

✓ Option allowed with output method

✗ Option is not allowed with output method

INCL Option info included by default with output method

January 21, 2010

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		Human Readable (Default Batch)	Bracketed (-+) (Default Interactive)	MMI (-M) [MM 2007/8]	Machine (-q)	XML (-% format) (-% noformat)	Fielded (-f) [MM 2007 only]	Fielded MMI (-N)	Display Phrases Only
Misc.									
Dynamic Variant Generation (-8)	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
“Restrict to” or “Exclude” Vocabulary Sources (Only one or the other allowed)									
Restrict to Sources (-R) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Exclude Sources (-e) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
“Restrict to” or “Exclude” Semantic Types (Only one or the other allowed)									
Restrict to Semantic Type(s) (-J) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗
Exclude Semantic Type(s) (-k) [§]	7,8,9	✓	✓	✓	✓	✓	✓	✓	✗

[§] **Mutually Exclusive Options – These are options that you are not allowed to use together, or don’t make sense to use together:**

- Tagger Output (-T) and Formal Tagger Output (-F)
- Hide Candidates (-c) and Number Candidates (-n)
- No Derivational Variants (-d) and All Derivational Variants (-D)
- Allow Acronym/Abbreviation Variants (-a) and Unique Acronym/Abbreviation Variants Only (-u)
- Restrict to Sources (-R) and Exclude Sources (-e)
- Restrict to Semantic Type(s) (-J) and Exclude Semantic Type(s) (-k)
- None of the Output Methods are allowed to be combined with any other Output Method

✓ Option allowed with output method

✗ Option is not allowed with output method

INCL Option info included by default with output method