

- ⇒ [MetaMap Home](#)
- ⇒ [FAQ Home](#)
- ⇒ [Help/Questions](#)

MetaMap's Prolog Machine Output

When called with the `-q` (`--machine_output`) option, MetaMap will generate the internal form of each concept as a Prolog term. This option is of limited usefulness unless one has access to a Prolog system.

For the input phrase `heart attack`, the Prolog machine output (formatted for readability) is

```
args('a.out.Linux -Z 2014AB -q',
     [mm_data_year-'2014AB',
      machine_output-[],
      infile-user_input,
      outfile-user_output]).
aas([]).
neg_list([]).
utterance('00000000.tx.1', "heart attack", 0/12, []).
phrase('heart attack',
       [head([lexmatch(['heart attack']),
               inputmatch([heart,attack]),
               tag(noun),
               tokens([heart,attack])])],
       0/12, []).
candidates(6,0,0,6, []).
mappings([map(-1000, [ev(-1000,
                       'C0027051',
                       '-- Heart Attack',
                       'Myocardial Infarction',
                       [heart,attack],
                       [dsyn],
                       [[1,2],[1,2],0]],
                       yes,no,
                       ['AIR', 'AOD', 'CHV', 'COSTAR', 'CSP', 'CST',
                        'DXP', 'ICD10CM', 'LCH_NW', 'LNC', 'MEDLINEPLUS',
                        'MSH', 'MTH', 'MTHICD9', 'NCI', 'NCI_CTCAE', 'NCI_FDA',
                        'NCI_NICHD', 'NDFRT', 'NLMSubSyn', 'OMIM', 'SNM', 'SNMI',
                        'SNOMEDCT_US', 'SNOMEDCT_VET'], [0/12], 0, 0)))]).
'EOU'.
```

The form of MetaMap's Prolog output is explained in some detail at [Machine Output Explained](#).