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## MetaMap Usage Frequently Asked Questions

This document answers some common questions about using MetaMap.

Note that MetaMap runs a 64-bit binary.

Please visit [Download](#) and [Installation](#) for information about those topics.

These FAQ are constantly evolving; suggestions are always welcome!

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### 1 Why do I need a license to run MetaMap?

- See [this page](#) for more information.

### 2 What input formats does MetaMap accept?

- [Unformatted ASCII English text](#)
- [MEDLINE Citation format](#)
- [List of Terms](#)
- [List of Terms with ID](#)
- Processing [bulleted lists](#).

### 3 What output formats does MetaMap generate?

- [Human-Readable Output](#)
- [XML Output](#)
- [JSON Output](#) **NEW for MM2016V2**
- [Fielded MMI Output](#)
- [Prolog Machine Output](#)

### 4 How fast does MetaMap run?

- See [this page](#) for more information. **NEW for MM2016V2**

## 5 What are some useful MetaMap processing options?

- [Word-Sense Disambiguation](#)
- [Exclude/Restrict to UMLS Sources](#)
- [Ignore Word Order](#)
- [Exclude/Restrict to UMLS Semantic Types](#) **UPDATED for MM2016V2**
- [Term Processing](#) **UPDATED for MM2016V2**
- [Suppressing Numerical Concepts](#) **NEW for MM2016V2**
- [Processing Conjunction](#) **NEW for MM2016V2**
- [Processing Tabular Data](#) **NEW for MM2016V2**

The latest MetaMap Usage page can be found [here](#).

## 6 What are some typical MetaMap scenarios or use cases?

- [Processing Clinical Text](#)
- [Preferring Multiple Concepts \(Inference Mode\)](#)
- [Generating All Partial Matches \(Browse Mode\)](#)

## 7 What are MetaMap's Data Models and Versions?

- [Strict and Relaxed Models](#)
- [Base, USAbase, and NLM Data Versions](#)

## 8 What are the UMLS Semantic Types and Groups?

- [Semantic Types and Groups](#)

## 9 Where do I find a UMLS vocabulary's code fields?

- [Derive Code Field](#)

## 10 How can I block unwanted UMLS concepts?

- [Block Unwanted Concepts](#)

## 11 Why doesn't MetaMap generate any results?

- [Non-ASCII Input](#)
- [Out-of-Memory Errors](#)

## 12 Why is MetaMap running for so long? What can I do?

- See the [Out-of-Memory Errors](#) link immediately above in question # **11**.

## 13 What if I have a question that the FAQ don't answer?

- See [this page](#) for how to request assistance.