**Description**

`mata clear` clears Mata’s memory, in effect resetting Mata. All functions, matrices, etc., are freed.

**Syntax**

```
:mata clear
```

This command is for use in Mata mode following Mata’s colon prompt. To use this command from Stata’s dot prompt, type

```
.mata: mata clear
```

**Remarks and examples**

Stata can call Mata which can call Stata, which can call Mata, etc. In such cases, `mata clear` releases only resources that are not in use by prior invocations of Mata.

Stata’s `clear all` command (see [D] clear) performs a `mata clear`, among other things.

See [M-3] mata drop for clearing individual matrices or functions.

**Also see**

[M-3] mata drop — Drop matrix or function

[M-3] Intro — Commands for controlling Mata