

**mata clear** — Clear Mata's memory

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## 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.com](#)

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