

update — Check for official updates

[Description](#)[Menu](#)[Syntax](#)[Options](#)[Remarks and examples](#)[Stored results](#)[Also see](#)

Description

The `update` command reports on the current update level and installs official updates. Official updates are updates to Stata as it was originally shipped from StataCorp, not the additions to Stata published in, for instance, the *Stata Journal* (SJ). Those additions are installed using the `net` command and updated using the `ado update` command; see [\[R\] net](#) and [\[R\] ado update](#).

`update` without arguments reports on the update level of the currently installed Stata.

`update from` sets an update source, which may be a directory name or URL. If you are on the Internet, type `update from https://www.stata.com`.

`update query` compares the update level of the currently installed Stata with that available from the update source and displays a report.

`update all` updates all necessary files. This is what you should type to check for and install updates.

`set update_query` determines if `update query` is to be automatically performed when Stata is launched. Only Mac and Windows platforms can be set for automatic updating.

`set update_interval #` sets the number of days to elapse before performing the next automatic `update query`. The default `#` is 7. The interval starts from the last time an `update query` was performed (automatically or manually). Only Mac and Windows platforms can be set for automatic updating.

`set update_prompt` determines whether a dialog is to be displayed before performing an automatic `update query`. The dialog allows you to perform an `update query` now, perform one the next time Stata is launched, perform one after the next interval has passed, or disable automatic `update query`. Only Mac and Windows platforms can be set for automatic updating.

Menu

Help > Check for updates

Syntax

Report on update level of currently installed Stata

```
update
```

Set update source

```
update from location
```

Compare update level of currently installed Stata with that of source

```
update query [ , from(location) ]
```

Perform update if necessary

```
update all [ , from(location) detail force exit ]
```

Set automatic updates (Mac and Windows only)

```
set update_query { on | off }
```

```
set update_interval #
```

```
set update_prompt { on | off }
```

Options

from(location) specifies the location of the update source. You can specify the `from()` option on the individual `update` commands or use the `update from` command. Which you do makes no difference. You typically do not need to use this option.

`detail` specifies to display verbose output during the update process.

`force` specifies to force downloading of all files even if, based on the date comparison, Stata does not think it is necessary. There is seldom a reason to specify this option.

`exit` instructs Stata to exit when the update has successfully completed. There is seldom a reason to specify this option.

Remarks and examples

[stata.com](https://www.stata.com)

`update` updates the official components of Stata from the official source: <https://www.stata.com>. If you are connected to the Internet, the easy thing to do is to type

```
. update all
```

and follow the instructions. If Stata is up to date, `update all` will do nothing. Otherwise, it will download whatever is necessary and install the files. If you just want to know what updates are available, type

```
. update query
```

`update query` will check if any updates are available and report that information. If updates are available, it will recommend that you type `update all`.

If you want to report the current update level, type

```
. update
```

`update` will report the update level of the Stata installation. `update` will also show you the date that updates were last checked and if any updates were available at that time.

Stored results

`update` without a subcommand, `update from`, and `update query` store the following in `r()`:

Scalars

<code>r(inst_exe)</code>	date of executable installed (*)
<code>r(avbl_exe)</code>	date of executable available over web (*) (**)
<code>r(inst_ado)</code>	date of ado-files installed (*)
<code>r(avbl_ado)</code>	date of ado-files available over web (*) (**)
<code>r(inst_utilities)</code>	date of utilities installed (*)
<code>r(avbl_utilities)</code>	date of utilities available over web (*) (**)
<code>r(inst_docs)</code>	date of documentation installed (*)
<code>r(avbl_docs)</code>	date of documentation available over web (*) (**)

Macros

<code>r(name_exe)</code>	name of the Stata executable
<code>r(dir_exe)</code>	directory in which executable is stored
<code>r(dir_ado)</code>	directory in which ado-files are stored
<code>r(dir_utilities)</code>	directory in which utilities are stored
<code>r(dir_docs)</code>	directory in which PDF documentation is stored

Notes:

- * Dates are stored as integers counting the number of days since January 1, 1960; see [D] [Datetime](#).
- ** These dates are not stored by `update` without a subcommand because `update` by itself reports information solely about the local computer and does not check what is available on the web.

Also see

- [R] [ado update](#) — Update community-contributed packages
- [R] [net](#) — Install and manage community-contributed additions from the Internet
- [R] [ssc](#) — Install and uninstall packages from SSC
- [P] [sysdir](#) — Query and set system directories
- [U] [29 Using the Internet to keep up to date](#)
- [GSM] [19 Updating and extending Stata—Internet functionality](#)
- [GSU] [19 Updating and extending Stata—Internet functionality](#)
- [GSW] [19 Updating and extending Stata—Internet functionality](#)

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow and NetCourseNow are trademarks of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2023 StataCorp LLC, College Station, TX, USA. All rights reserved.



For suggested citations, see the FAQ on [citing Stata documentation](#).