

**irf set** — Set the active IRF file

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## Description

`irf set` without arguments reports the identity of the active IRF file, if there is one. `irf set` with a filename specifies that the file be created and set as the active file. `irf set, clear` specifies that, if any IRF file is set, it be unset and that there be no active IRF file.

## Quick start

Display filename of active IRF file

```
irf set
```

Set file `myirfs.irf` as the active file and create it if it does not exist

```
irf set myirfs
```

Set file `myirfs.irf` as the active file, but replace `myirfs.irf` if it exists

```
irf set myirfs, replace
```

Clear the active IRF file so that no files are active

```
irf set, clear
```

Note: `irf` commands can be used after `var`, `svar`, `vec`, `arma`, `arfima`, `dsge`, or `dsge1`; see [\[TS\] var](#), [\[TS\] var svar](#), [\[TS\] vec](#), [\[TS\] arma](#), [\[TS\] arfima](#), [\[DSGE\] dsge](#), or [\[DSGE\] dsge1](#).

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## Syntax

*Report identity of active file*

```
irf set
```

*Set, and if necessary create, active file*

```
irf set irf_filename [, replace]
```

*Clear any active IRF file*

```
irf set, clear
```

If *irf\_filename* is specified without an extension, `.irf` is assumed.

`collect` is allowed; see [U] 11.1.10 [Prefix commands](#).

## Options

`replace` specifies that if *irf\_filename* already exists, the file is to be erased and a new, empty IRF file is to be created in its place. If it does not already exist, a new, empty file is created.

`clear` unsets the active IRF file.

## Remarks and examples

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

If you have not read [TS] [irf](#), please do so.

`irf set` reports the identity of the active IRF file:

```
. irf set
no irf file active
```

`irf set irf_filename` creates and sets an IRF file:

```
. irf set results1
(file results1.irf created)
(file results1.irf now active)
```

We specified the name `results1`, and `results1.irf` became the active file.

`irf set irf_filename` can also be used to create a new file:

```
. use https://www.stata-press.com/data/r17/lutkepohl2
(Quarterly SA West German macro data, Bil DM, from Lutkepohl 1993 Table E.1)
. var dln_inc dln_consump, exog(1.dln_inv)
(output omitted)
. irf set results2
(file results2.irf created)
(file results2.irf now active)
. irf create order1
(file results2.irf updated)
```

## Stored results

`irf set` stores the following in `r()`:

Macros

`r(irffile)`      name of active IRF file, if there is an active IRF

## Also see

[TS] [irf](#) — Create and analyze IRFs, dynamic-multiplier functions, and FEVDs

[TS] [irf describe](#) — Describe an IRF file

[TS] [var intro](#) — Introduction to vector autoregressive models

[TS] [vec intro](#) — Introduction to vector error-correction models