

forecast list — List forecast commands composing current model

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Description

`forecast list` produces a list of `forecast` commands that compose the current model.

Quick start

List all `forecast` commands that compose the current model

```
forecast list
```

Save a list of commands to replicate the current forecast model to `myforecast.do`

```
forecast list, saving(myforecast)
```

As above, but save the commands as `myforecast.txt`

```
forecast list, saving(myforecast.txt)
```

Syntax

```
forecast list [ , options ]
```

options

Description

```
saving(filename [ , replace ] ) save list of commands to file
```

```
notrim do not remove extraneous white space
```

Options

`saving(filename [, replace])` requests that `forecast list` write the list of commands to disk with *filename*. If no extension is specified, `.do` is assumed. If *filename* already exists, an error is issued unless you specify `replace`, in which case the file is overwritten.

`notrim` requests that `forecast list` not remove any extraneous spaces and that commands be shown exactly as they were originally entered. By default, superfluous white space is removed.

Remarks and examples

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For an overview of the `forecast` commands, see [TS] [forecast](#). This manual entry assumes you have already read that manual entry. `forecast list` produces a list of all the `forecast` commands you would need to enter to re-create the forecast model currently in memory. Unlike using a command `log`, `forecast list` only shows the `forecast`-related commands but not any estimation command or other commands you may have issued. If you specify `saving(filename)`, `forecast list` saves the list as *filename*.do, which you can then edit using the Do-file Editor.

`forecast` creates models by accumulating estimation results, identities, and other features that you add to the model by using various `forecast` subcommands. Once you add a feature to a model, it remains a part of the model until you clear the entire model from memory. `forecast list` provides a list of all the `forecast` commands you would need to rebuild the current model.

When building all but the smallest forecast models, you will typically write a do-file to load your dataset, perhaps call some estimation commands, and issue a sequence of `forecast` commands to build and solve your forecast model. There are times, though, when you will type a `forecast` command interactively and then later want to undo the command or else wish you had not typed the command in the first place. `forecast list` provides the solution.

Suppose you use `forecast adjust` to perform some policy simulations and then decide you want to remove those adjustments from the model. `forecast list` makes this easy to do. You simply call `forecast list` with the `saving()` option to produce a do-file that contains all the `forecast` commands issued since the model was created. Then you can edit the do-file to remove the `forecast adjust` command, type `forecast clear`, and run the do-file.

▷ Example 1: Klein's model

In [example 1](#) of [\[TS\] forecast](#), we obtained forecasts from Klein's (1950) macroeconomic model. If we type `forecast list` after typing all the commands in that example, we obtain

```
. forecast list
forecast create kleinmodel
forecast estimates klein
forecast identity y = c + i + g
forecast identity p = y - t - wp
forecast identity k = L.k + i
forecast identity w = wg + wp
forecast exogenous wg
forecast exogenous g
forecast exogenous t
forecast exogenous yr
```

The `forecast solve` command is not included in output produced by `forecast list` because solving the model does not add any features to the model.



□ Technical note

To prevent you from accidentally destroying the model in memory, `forecast list` does not add the `replace` option to `forecast create` even if you specified `replace` when you originally called `forecast create`.



Reference

Klein, L. R. 1950. *Economic Fluctuations in the United States 1921–1941*. New York: Wiley.

Also see

[\[TS\] forecast](#) — Econometric model forecasting