

collect export — Export table from a collection

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Description

`collect export` exports a table from a collection to a specified document type.

You can also include a table in a report created by `putdocx`, `putpdf`, or `putexcel`; see [\[RPT\] putdocx collect](#), [\[RPT\] putpdf collect](#), and [\[RPT\] putexcel](#).

Quick start

Export a table from the current collection to `myfile.xlsx`

```
collect export myfile.xlsx
```

Export a table from the collection `c2` to `myfile2.xlsx`

```
collect export myfile2.xlsx, name(c2)
```

Same as above, but export the table to sheet `Table1`, instead of the default `Sheet1`

```
collect export myfile2.xlsx, name(c2) sheet(Table1)
```

Export a table from the current collection to `table1.docx`, replacing the file if it exists

```
collect export table1.docx, replace
```

Same as above, and save the `putdocx` commands used to export the table in `table1.do`

```
collect export table1.docx, replace dofile(table1)
```

Export a table from the current collection to `table1.tex`

```
collect export table1.tex
```

Same as above, but export the table only, instead of creating a complete \LaTeX document

```
collect export table1.tex, tableonly
```

Menu

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Syntax

```
collect export filename.suffix [ , export_options document_options ]
```

<i>export_options</i>	Description
<code>name(<i>cname</i>)</code>	export collection <i>cname</i>
<code>as(<i>fileformat</i>)</code>	specify document type
<code>replace</code>	overwrite existing file

By default, `collect export` will try to determine the document type from *suffix* using the following table:

<i>suffix</i>	Implied option	File type
<code>docx</code>	<code>as(docx)</code>	Microsoft Word
<code>html</code>	<code>as(html)</code>	HTML 5 with CSS
<code>pdf</code>	<code>as(pdf)</code>	PDF (Portable Document Format)
<code>xlsx</code>	<code>as(xlsx)</code>	Microsoft Excel 2007/2010 or newer
<code>xls</code>	<code>as(xls)</code>	Microsoft Excel 1997/2003
<code>tex</code>	<code>as(tex)</code>	L ^A T _E X
<code>smcl</code>	<code>as(smcl)</code>	SMCL (Stata Markup and Control Language)
<code>txt</code>	<code>as(txt)</code>	plain text
<code>markdown</code>	<code>as(markdown)</code>	Markdown
<code>md</code>	<code>as(markdown)</code>	Markdown

<i>document_options</i>	Description
<code><i>docx_options</i></code>	when exporting to <code>.docx</code> files
<code><i>html_options</i></code>	when exporting to <code>.html</code> files
<code><i>pdf_options</i></code>	when exporting to <code>.pdf</code> files
<code><i>excel_options</i></code>	when exporting to <code>.xls</code> and <code>.xlsx</code> files
<code><i>tex_options</i></code>	when exporting to <code>.tex</code> files
<code><i>smcl_option</i></code>	when exporting to <code>.smcl</code> files
<code><i>txt_option</i></code>	when exporting to <code>.txt</code> files
<code><i>md_option</i></code>	when exporting to <code>.markdown</code> and <code>.md</code> files

<i>docx_options</i>	Description
<code><i>noisily</i></code>	show the <code>putdocx</code> commands used to export to the <code>.docx</code> file
<code><i>dofile(filename</i>[, <i>replace</i>])</code>	save the <code>putdocx</code> commands used for exporting to the named <code>do-file</code>

<i>html_options</i>	Description
<code><i>prefix(prefix)</i></code>	use <i>prefix</i> to identify style classes
<code><i>cssfile(cssfile)</i></code>	define the styles in <i>cssfile</i> instead of <i>filename</i>
<code><i>tableonly</i></code>	export only the table to the specified file
<code><i>append</i></code>	append to an existing file

<i>pdf_options</i>	Description
<code>noisily</code>	show the putpdf commands used to export to the PDF file
<code>dofile(filename[, replace])</code>	save the putpdf commands used for exporting to the named do-file

<i>excel_options</i>	Description
<code>noisily</code>	show the putexcel commands used to export to the Excel file
<code>dofile(filename[, replace])</code>	save the putexcel commands used for exporting to the named do-file
<code>cell(cell)</code>	specify the Excel upper-left cell as the starting position to export the table; the default is cell (A1)
<code>modify</code>	modify Excel file
<code>sheet(sheetname [, replace])</code>	specify the worksheet to use; the default sheet name is Sheet1
<code>noopen</code>	do not open Excel file in memory

`noopen` does not appear in the dialog box.

<i>tex_options</i>	Description
<code>tableonly</code>	export only the table to the specified file
<code>append</code>	append to an existing file

<i>smcl_option</i>	Description
<code>append</code>	append to an existing file

<i>txt_option</i>	Description
<code>append</code>	append to an existing file

<i>md_option</i>	Description
<code>append</code>	append to an existing file

Options

Options are presented under the following headings:

```

export_options
docx_options
html_options
pdf_options
excel_options
tex_options
smcl_option
txt_option
md_option

```

export_options

`name` (*cname*) specifies a collection to export instead of the current collection.

`as` (*fileformat*) specifies the file format to which the collection is to be exported. This option is rarely specified because, by default, `collect export` determines the format from the suffix of the file being created.

`replace` permits `collect export` to overwrite an existing file.

docx_options

`noisily` specifies that `collect export` show the `putdocx` commands used to export to the `.docx` file.

`dofile` (*filename* [, `replace`]) specifies that `collect export` save to *filename* the `putdocx` commands used to export to the `.docx` file. If *filename* already exists, it can be overwritten by specifying `replace`. If *filename* is specified without an extension, `.do` is assumed.

html_options

`prefix` (*prefix*) specifies that `collect export` use *prefix* to identify style classes for the exported HTML table.

`cssfile` (*cssfile*) specifies that `collect export` define the styles in *cssfile* instead of *filename*.

`tableonly` specifies that only the table be exported to the specified file. With this option, the produced file may be included in other HTML documents. By default, `collect export` produces a complete HTML document.

If option `cssfile()` is not specified, a CSS filename is constructed from *filename*, with the extension replaced with `.css`.

`append` specifies that `collect export` append the table to an existing file.

This option implies option `tableonly`.

If the target CSS file already exists, `collect export` will also append to it.

pdf_options

`noisily` specifies that `collect export` show the `putpdf` commands used to export to the PDF file.

`dofile(filename [, replace])` specifies that `collect export` save to *filename* the `putpdf` commands used to export to the PDF file. If *filename* already exists, it can be overwritten by specifying `replace`. If *filename* is specified without an extension, `.do` is assumed.

excel_options

`noisily` specifies that `collect export` show the `putexcel` commands used to export to the `.xls` or `.xlsx` file.

`dofile(filename [, replace])` specifies that `collect export` save to *filename* the `putexcel` commands used to export to the `.xls` or `.xlsx` file. If *filename* already exists, it can be overwritten by specifying `replace`. If *filename* is specified without an extension, `.do` is assumed.

`cell(cell)` specifies an Excel upper-left cell as the starting position to publish the table. The default is `cell(A1)`.

`modify` permits `putexcel` set to modify an Excel file. For more information about this option, see [RPT] [putexcel](#).

`sheet(sheetname [, replace])` saves to the worksheet named *sheetname*. For more information about this option, see [RPT] [putexcel](#).

`noopen` prevents `collect export` from using option `open` in the call to `putexcel` set.

By default, `collect export` uses the `putexcel` set option `open` to open the Excel file in memory for modification. This tends to improve the speed of the export if many cells or style edits are in the collection. For more information about the `open` option, see [RPT] [putexcel](#).

`noopen` is necessary only when you need to force `collect export` to produce do-files as it did when `collect export` was first introduced in Stata 17.

tex_options

`tableonly` specifies that only the table be exported to the specified file. With this option, the produced file may be included in other L^AT_EX documents via the `\input` or `\include` macro.

`append` specifies that `collect export` append the table to an existing file.

This option implies option `tableonly`.

smcl_option

`append` specifies that `collect export` append the table to an existing file.

txt_option

`append` specifies that `collect export` append the table to an existing file.

md_option

`append` specifies that `collect export` append the table to an existing file.

Remarks and examples

Remarks are presented under the following headings:

Introduction

Styles for different documents

Creating more extensive documents

Introduction

One goal of creating a customized table may be to present your findings to others. With `collect export`, you can export a collection to a variety of file types. For example, after creating a table from a collection of results and making styling edits to obtain the look you want, you can export a table from the current collection to an Excel file by typing the following:

```
. collect export myfile.xlsx
```

By specifying the `.xlsx` suffix, we have indicated that we want to export our work to a Microsoft Excel file. Equivalently, we could have instead specified the document type as follows:

```
. collect export myfile, as(xlsx)
```

Either way, we would have exported a table from the current collection to the file `myfile.xlsx`.

Styles for different documents

The `collect` suite of commands has many formatting features that can be applied to any collection of results, regardless of the document you may be exporting your table to. For example, you may specify the numeric formatting for your results or modify the labels for the dimensions. But there are also some style specifications that are specific to the type of document you will be exporting to. For example, you can use `collect style html` to specify whether adjacent cell borders should be collapsed in the resulting HTML file. If you will be exporting a table to a `.docx` or `.pdf` file, you can see `collect style putdocx` and `collect style putpdf` for some style specifications specific to those types of documents.

Additionally, you can add a custom table title with `collect title` and notes with `collect notes`. These commands add the title and notes in plain text, but you can specify the appearance style for the title and notes, respectively, with `collect style title` and `collect style notes`. Certain appearance edits can be rendered only on certain types of documents. For example, you can specify the font size and color if you will export your table to a Microsoft Excel, an HTML, or a \LaTeX file.

Creating more extensive documents

With `collect export`, you can export a customized table to the file format of your choice. If you are exporting to an HTML, a \LaTeX , a SMCL, a Markdown, or a plain text file, you can export multiple tables to a single file with the `append` option. But you may want to create documents with more than these customized tables.

For example, when you export a table to an HTML or a \LaTeX file, `collect export` creates a complete document with the table from the current collection. If you want to incorporate this table in a more extensive document, you can use the `tableonly` option to export just the table to the specified file.

Additionally, suppose that you wish to export your table to a `.docx` or `.pdf` file but you want that table to be part of a report that also includes graphs, text, and other results from Stata. By using the `putdocx` and `putpdf` suites, you can incorporate the customized table in the active document with `putdocx collect` and `putpdf collect`.

Similarly, if you want to create an Excel file with the table from the current collection and other Stata results or graphs, you can incorporate the table in the active Excel file by using the `collect` output type with `putexcel`.

Stored results

`collect export` stores the following in `s()`:

Macros

<code>s(filename)</code>	name of the file
<code>s(collection)</code>	name of collection
<code>s(noisily)</code>	1 if option <code>noisily</code> specified, 0 otherwise
<code>s(dofile)</code>	name of the new do-file
<code>s(cssfile)</code>	name of the new css-file

Also see

[TABLES] [collect style html](#) — Collection styles for HTML files

[TABLES] [collect style putdocx](#) — Collection styles for `putdocx`

[TABLES] [collect style putpdf](#) — Collection styles for `putpdf`

[RPT] [putdocx collect](#) — Add a table from a collection to an Office Open XML (.docx) file

[RPT] [putexcel](#) — Export results to an Excel file

[RPT] [putpdf collect](#) — Add a table from a collection to a PDF file

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