# rundoc command

The [markdoc](https://github.com/haghish/MarkDoc) command takes a SMCL log file to create a dynamic document or presentation slides. This procedure requires the user to create a log file and convert it to a dynamic document.

The **rundoc** command, is simply a wrapper for MarkDoc to simplifies typesettinf dynamic documents directly from a Stata do-file, without requiring the do-file to include a log file.

The syntax for writing comments remains identical to [markdoc](https://github.com/haghish/MarkDoc) command. This command should make executing dynamic documents much simpler!

## Features

### executing Stata commands

The **rundoc** command preserves all of the features of markdoc, because it is simply a wrapper program. Therefore, it preserves all of the features of markdoc such as executing Stata commands and syntax highlighting of the Stata commands using [statax](https://github.com/haghish/statax) package:

. display "Hello MarkDoc"  
 Hello MarkDoc  
   
 . sysuse auto, clear  
 (1978 Automobile Data)  
   
 . summarize   
   
 Variable | Obs Mean Std. Dev. Min Max  
 -------------+---------------------------------------------------------  
 make | 0  
 price | 74 6165.257 2949.496 3291 15906  
 mpg | 74 21.2973 5.785503 12 41  
 rep78 | 69 3.405797 .9899323 1 5  
 headroom | 74 2.993243 .8459948 1.5 5  
 -------------+---------------------------------------------------------  
 trunk | 74 13.75676 4.277404 5 23  
 weight | 74 3019.459 777.1936 1760 4840  
 length | 74 187.9324 22.26634 142 233  
 turn | 74 39.64865 4.399354 31 51  
 displacement | 74 197.2973 91.83722 79 425  
 -------------+---------------------------------------------------------  
 gear\_ratio | 74 3.014865 .4562871 2.19 3.89  
 foreign | 74 .2972973 .4601885 0 1

### Writing mathematical notations

Mathematical notations are supported in PDF, HTML, Docx, ODT (OpenOffice), and LaTeX: