**The following magic functions are currently available:**

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|---|---|
| %alias | Define an alias for a system command. |
| %alias_magic | %alias_magic [-l] [-c] name target |
| %autocall | Make functions callable without having to type parentheses. |
| %automagic | Make magic functions callable without having to type the initial %. |
| %bookmark | Manage IPython's bookmark system. |
| %cd | Change the current working directory. |
| %clear | Clear the terminal. |
| %colors | Switch color scheme for prompts, info system and exception handlers. |
| %config | configure IPython |
| %connect_info | Print information for connecting other clients to this kernel |
| %debug | Activate the interactive debugger in post-mortem mode. |
| %dhist | Print your history of visited directories. |
| %dirs | Return the current directory stack. |
| %doctest_mode | Toggle doctest mode on and off. |
| %ed | Alias for `%edit`. |
| %edit | Bring up an editor and execute the resulting code. |
| %env | List environment variables. |
| %gui | Enable or disable IPython GUI event loop integration. |
| %hist | Print input history (_i<n> variables), with most recent last. |
| %history | Print input history (_i<n> variables), with most recent last. |
| %install_default_config | %install_default_config has been deprecated. |
| %install_ext | Download and install an extension from a URL, e.g. |
| %install_profiles | %install_profiles has been deprecated. |
| %killbgscripts | Kill all BG processes started by %%script and its family. |
| %less | Show a file through the pager. |
| %load | Load code into the current frontend. |
| %load_ext | Load an IPython extension by its module name. |
| %loadpy | Alias of `%load` |
| %logoff | Temporarily stop logging. |
| %logon | Restart logging. |

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| %logstart | Start logging anywhere in a session. |
| %logstate | Print the status of the logging system. |
| %logstop | Fully stop logging and close log file. |
| %lsmagic | List currently available magic functions. |
| %macro | Define a macro for future re-execution. It accepts ranges of history, |
| %magic | Print information about the magic function system. |
| %man | Find the man page for the given command and display in pager. |
| %more | Show a file through the pager. |
| %notebook | %notebook [-e] [-f FORMAT] filename |
| %page | Pretty print the object and display it through a pager. |
| %pastebin | Upload code to Github's Gist paste bin, returning the URL. |
| %pdb | Control the automatic calling of the pdb interactive debugger. |
| %pdef | Print the definition header for any callable object. |
| %pdoc | Print the docstring for an object. |
| %pfile | Print (or run through pager) the file where an object is defined. |
| %pinfo | Provide detailed information about an object. |
| %pinfo2 | Provide extra detailed information about an object. |
| %popd | Change to directory popped off the top of the stack. |
| %pprint | Toggle pretty printing on/off. |
| %precision | Set floating point precision for pretty printing. |
| %profile | Print your currently active IPython profile. |
| %prun | Run a statement through the python code profiler. |
| %psearch | Search for object in namespaces by wildcard. |
| %psource | Print (or run through pager) the source code for an object. |
| %pushd | Place the current dir on stack and change directory. |
| %pwd | Return the current working directory path. |
| %pycat | Show a syntax-highlighted file through a pager. |
| %pylab | Load numpy and matplotlib to work interactively. |
| %qtconsole | Open a qtconsole connected to this kernel. |
| %quickref | Show a quick reference sheet |

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| %rerun | Re-run previous input |
| %reset | Resets the namespace by removing all names defined by the user, if |
| %reset_selective | Resets the namespace by removing names defined by the user. |
| %run | Run the named file inside IPython as a program. |
| %save | Save a set of lines or a macro to a given filename. |
| %sc | Shell capture - run shell command and capture output (DEPRECATED use !). |
| %store | Lightweight persistence for python variables. |
| %sx | Shell execute - run shell command and capture output (!! is short-hand). |
| %system | Shell execute - run shell command and capture output (!! is short-hand). |
| %tb | Print the last traceback with the currently active exception mode. |
| %time | Time execution of a Python statement or expression. |
| %timeit | Time execution of a Python statement or expression |
| %unalias | Remove an alias |
| %unload_ext | Unload an IPython extension by its module name. |
| %who | Print all interactive variables, with some minimal formatting. |
| %who_ls | Return a sorted list of all interactive variables. |
| %whos | Like %who, but gives some extra information about each variable. |
| %xdel | Delete a variable, trying to clear it from anywhere that |
| %xmode | Switch modes for the exception handlers. |
| %%! | Shell execute - run shell command and capture output (!! is short-hand). |
| %%bash | %%bash script magic |
| %%capture | %capture [--no-stderr] [--no-stdout] [output] |
| %%file | %file [-a] filename |
| %%perl | %%perl script magic |
| %%prun | Run a statement through the python code profiler. |
| %%python3 | %%python3 script magic |
| %%ruby | %%ruby script magic |
| %%script | %shebang [--proc PROC] [--bg] [--err ERR] [--out OUT] |
| %%sh | %%sh script magic |
| %%sx | Shell execute - run shell command and capture output (!! is short-hand). |
| %%system | Shell execute - run shell command and capture output (!! is short-hand). |
| %%timeit | Time execution of a Python statement or expression |