

MATLAB Marina: MATLAB Help

Student Learning Objectives

After completing this module, one should:

1. Be able to use MATLAB's help to look up information on functions, keywords, and operators.

Terms

IDE, Command window, Help window

MATLAB Functions, Keywords, and Operators

help

MATLAB Help

Help on built in functions and other MATLAB topics can be accessed from the Help window and from the Command Window. The Help window can be opened from the Help in the HOME tab of the Toolstrip or from the Help icon (?) in the Quick Access Toolbar. The Help window is shown in Figure 1a and the doc help for the cosine function is shown in Figure ab. The Help window will also be opened when searching the MATLAB documentation using the Search Bar.

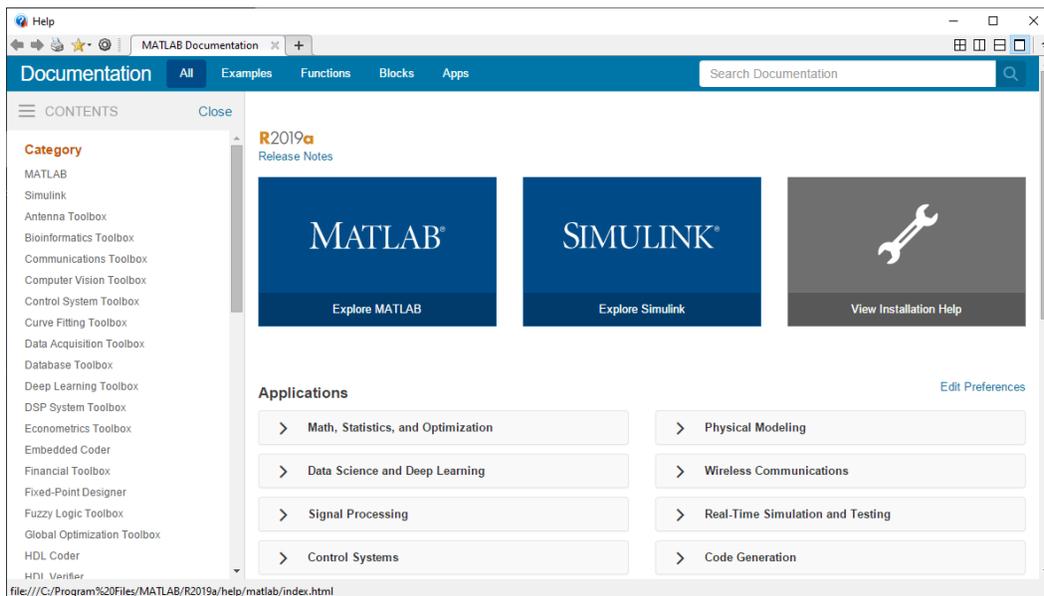


Figure 1a. MATLAB Help Window (R2019a)

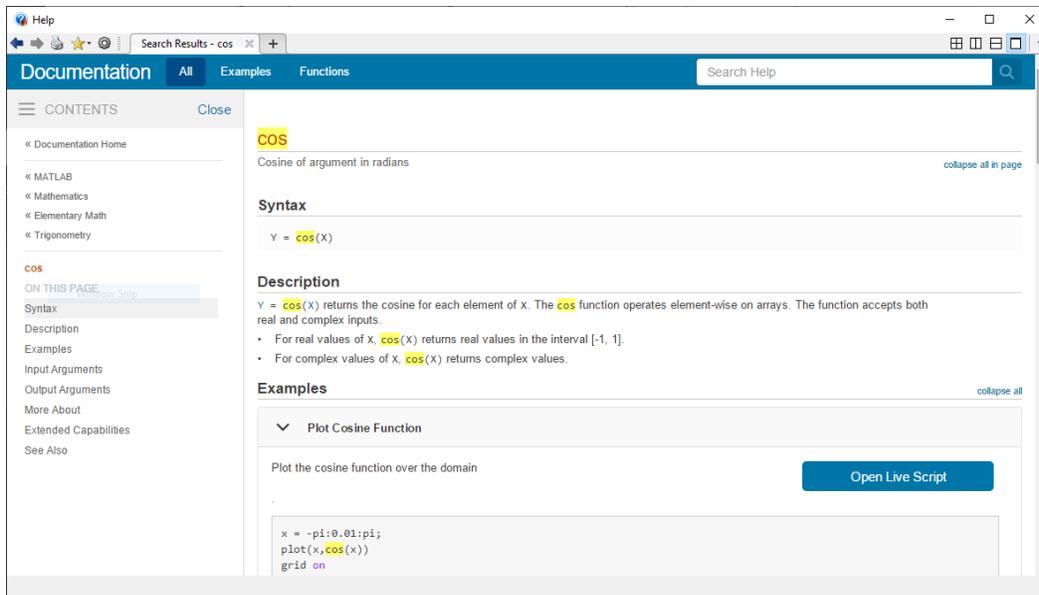


Figure 1b. MATLAB Doc Help Window for Cosine Function (R2019a)

Online documentation for MATLAB can be found at the MathWorks website [MATLAB Help](https://www.mathworks.com/help/matlab/)

The Command Window help is best used for finding information about functions and operators one knows the name/symbol of. Typing the statement `help` followed by the name of the function/operator will provide information about that function/operator in the Command Window. Figure 1c shows an example of MATLAB's Command Window help for the cosine function.

```
>> help cos
cos    Cosine of argument in radians.
      cos(X) is the cosine of the elements of X.
      See also acos, cosd.

      Reference page in Help browser
      doc cos
```

Figure 1c. MATLAB Command Window Help

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