

Matlab

Category: Licensed Application Software

Matlab is a numerical computing environment and programming language. Created by The MathWorks, Matlab allows easy matrix manipulation, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs in other languages. Although it specializes in numerical computing, an optional toolbox interfaces with the Maple symbolic engine, allowing it to be part of a full computer algebra system.

A total of 8 licenses are available to use on either Pleiades or Columbia or NAS supported desktop systems. To find out how many licenses are currently in use, use:

```
%module load matlab/2010b  
%matstat
```

For more information, please visit the [Matlab web site](#) at MathWorks.

Note: Our version of **glibc** has not been tested with Matlab 2010. Please proceed with this in mind.

See also: <http://en.wikipedia.org/wiki/Matlab>

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Computing at NAS -> Software Environment -> Licensed Application Software -> Matlab
<http://www.nas.nasa.gov/hecc/support/kb/entry/122/?ajax=1>