

How can I format MATLAB code for LaTeX?

How can I format MATLAB code for LaTeX?

A program called tgrind is available in the sipb locker to help you convert matlab program listings to a form easily includable in a LaTeX document. To use this program, type at the prompt:

```
athena% add sipb
athena% add consult
athena% tgrind -d /mit/consult/lib/matlab/vgrindefs -latex -lmatlab filename.m > filename.tex
```

To include this file in your document:

- Edit the output from tgrind to remove the first ("`\input tgrindmac`") and last ("`\fill\ject\end`") lines from the file.
- Make sure you have the tgrind documentstyle option specified. (Include tgrind in the square brackets in the `\documentstyle` command at the top of your file.)
- Place the line

```
\tgrindfile{mycode.m.tex}
```

in your .tex file where you want to insert the formatted code.