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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 ("\vfill\eject\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.