LaTeX and Mac OS X

Gary L. Gray

Engineering Science and Mechanics
The Pennsylvania State University
University Park, PA 16802
USA

`gray@engr.psu.edu`

Francesco Costanzo

Engineering Science and Mechanics
The Pennsylvania State University
University Park, PA 16802
USA

`costanzo@engr.psu.edu`

Tuesday July 22, 2003

Abstract The advent of Mac OS X as a UNIX-based operating system with a "friendly" interface has made, according to Apple Computer, Mac OS X the most widely used UNIX operating system on the planet. In addition, since Mac OS X's native imaging format is PDF and since the LaTeX community seems to be heading toward `pdflatex` as the standard, it would seem that Mac OS X would be a natural platform on which to use TeX. This is a proposal for a panel discussion or birds-of-a-feather session (we do not understand the difference, so we will need some guidance on which to choose) on issues associated with installing, using, and developing for LaTeX under Mac OS X. We wish to involve users and developers to discuss various topics, including:

- Issues with LaTeX-created PDF files under Mac OS X.

- Issues with TeX fonts under Mac OS X.

- Different implementations of, and front ends for, TeX under Mac OS X.

- Issues with exporting *Mathematica* notebooks to LaTeX for typesetting.

- What is lacking and what is needed to improve the user-experience for users of TeX under Mac OS X?

- Has the Mac OS X TeX mailing list and the Mac OS TeX web site been useful to users and developers?

- In general, what have been the success stories and what have the failures been in the transition to Mac OS X for TeX users?

We hope that this discussion will not only help current users and developers with their current efforts, but will also provide insight into the future direction of TeX under Mac OS X.