

CalTeX Mac Fest

Practical TeX on Mac OS X

9 a.m.—3 p.m.
Winnett Lounge, Bldg#51 Caltech



9	Richard Koch		Beamer
10-11:30	TeX Demos	----->	BibDesk
11:30-1	Apple presents (includes lunch)		FasTeX & TypeIt4Me / VIM / Emacs
1-2	Jonathan Kew		L ^A TeXiT & Illustrator / Keynote
2-3	Q&A and Hands-on Session (bring your laptops)		Movie15, ffmpeg, & other movie tools
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RSVP to caltex-mail-subscribe@caltech.edu if you plan to attend, or register at:
<http://www.cds.caltech.edu/caltex/2007>

Talks by developers of TeX on Mac OS X



Richard Koch
TeXShop
The MacTeX Distribution

What is T_EX and how much does it cost? • Command Line Programs vs Front Ends; • T_EX Distributions on the Mac; — The old and the new: t_eT_EX and T_EXLive; — BasicT_EX (Don't Mess with my Disk Space); — gwT_EX (Just the Cream Please); — MacT_EX (Going Whole Hog); — Fink and MacPorts; — Installing T_EX is easy; — The T_EX Dist Control Panel. • T_EXShop; — There are other front ends; — Getting Started: Useful Preference Changes; — Modifying Templates; — The L^AT_EX Panel; — Graphics (eps, pdf, png, tiff, jpg, and all that); — Engine Files; — Requests

[Installing and Using T_EX on Mac OS X] *Richard Koch*

T_EX has a well-deserved reputation for power, flexibility, and typographic excellence in many areas of use. However, it also has a reputation for being difficult to configure and use, especially with regard to fonts. Many users are effectively restricted to using a small number of typefaces provided with their T_EX system, and may find it difficult to be creative with document appearance, or to meet the varying requirements of publishers today. • X_ET_EX integrates the strengths of T_EX as a typesetting system with the font and graphics support of Mac OS X, highly regarded in the world of design, publishing, and typography. By making it simple to use the extensive font library of OS X, including professional OpenType fonts for Latin and many other scripts, together with the robust and programmable formatting capabilities of T_EX, new and richer design possibilities are available to even the most basic of T_EX users. • This talk will explain and demonstrate how the X_ET_EX engine makes it trivial to use any font available in the Mac font library within a T_EX or L^AT_EX document, including access to the advanced typographic features of AAT and OpenType fonts, and support for the full range of Unicode characters and scripts. Unlike traditional T_EX systems, X_ET_EX needs no technical configuration or setup for new fonts or for non-Latin scripts, so one of the great "usability barriers" in the old T_EX world is swept away.

[X_ET_EX: blending the best of OS X and T_EX]

Jonathan Kew



Jonathan Kew
The X_ET_EX typesetting system

The talks will be followed by TeX Demos of various tools, tips, and techniques that help to improve the workflow when preparing documents for publication using TeX.

TeX users at all levels are invited to come and share their TeXpertise and TeXperience.

Experts from Apple Inc. will present an insiders view of Apple's innovative technology and an overview of Apple's 2007 World Wide Developers Conference, Podcasting 101, and iTunes U.