

## **WHAT YOU NEED TO KNOW TO CREATE ADOBE .PDF FILES (FOR MICROSOFT WORD, SCIENTIFIC WORD and LATEX)**

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### **WHAT DO I NEED?**

For pc-based programs (such as Microsoft Word, WordPerfect), you'll need the full Adobe Acrobat Package to create Adobe .pdf files. The "reader" software is free from [www.adobe.com](http://www.adobe.com), and is good only for \*viewing\* files. If you need to convert a lot of files, you should purchase the full Adobe Acrobat package. If you only have to convert an occasional latex file, you can use the athena version of Acrobat which is free to the MIT community.

### **HOW MUCH WILL IT COST?**

The cost of the Acrobat v.301 software for windows is 3.01 and is available from <http://web.mit.edu/ecat/necx/> for 174.38 plus 6.95 shipping.

### **HOW DOES IT WORK?**

Adobe Acrobat software is easy to use. Once it is installed on your system, you can easily convert Microsoft Word files to pdf by selecting File, Create Adobe PDF.

Specialized programs, such as Scientific Word, have special directions, as listed below. Since most users here are using latex in the athena environment, I've listed athena specific directions for latex.

**NOTE ABOUT THE DIRECTIONS:** Hit the "return" key after each command.

### **TURNING SCIENTIFIC WORD/SCIENTIFIC WORKPLACE FILES TO .PDF**

You'll need the Adobe Acrobat Distiller program on your PC.

Directions are on the MacKichan Software website, [www.tcisoft.com](http://www.tcisoft.com). Click on Technical Support>File Issues>Creating PDF files

### **CONVERTING A LATEX FILE TO .PDF FORMAT**

STEP 1: Get into athena

telnet to athena by selecting

Start>Programs>Run and type

athena.dialup.mit.edu

Login as you would for email

STEP 2: Get athena ready

You will see the athena prompt

athena%

Type

vt100

Make a .dvipsrc file in your home directory by typing:

```
emacs .dvipsrc
```

```
p +/afs/athena.mit.edu/contrib/tex-contrib/BaKoMa/fontmap.map
```

STEP 3: How to "Latex" a file

Then type:

```
add newtex
```

```
latex2e nameofyourfile
```

which will give you nameofyourfile.dvi

STEP 4: Turn your .dvi file into a postscript file

When this is done, type at the athena prompt:

```
dvips -o nameofyourdvifile.ps nameofyourdvifile.dvi
```

STEP 5: Turn the postscript file into an Adobe Acrobat .pdf file

at the athena %

```
type
```

```
add acro
```

```
distill nameofyourfile.ps
```

You'll get something like this:

```
athena% distill newlist.ps
```

```
Enter Acrobat Distiller personal preferences file modification [1, 2, 3]
```

```
[1] use 3.0 new features
```

```
[2] use 2.1 compatibility
```

```
[3] leave compatibility undefined
```

Select #3.