

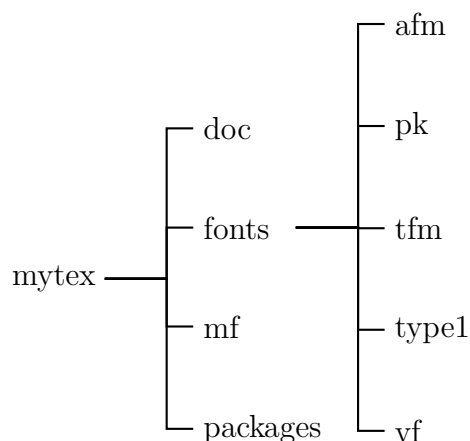
# Adding new packages and fonts to **OzTeX**

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## 1 Creating your local **TeX** directory

If you installed **OzTeX** from the CD we gave you, you already have the file structure below, so skip to the last section. If you installed it from the net, create a folder *mytex* in the folder *OzTeX*, and then create the following directories *mytex* (this tree more or less mirrors the structure of packages included in the original distribution):



## 2 Modifying the local configuration file

You can download the modified *Local* file from the CASTL LaTeX site, and skip this section.

Open the file *Local Notes* in *OzTeX*, and save it as *Local*. Add the following lines to *Local* :

- After the lines `put OzTeX-only settings after the next line and current_app = OzTeX`, put the following lines:

```
input_folders = mytex/packages/* $c
input_folders = mytex/mf/* $c
input_folders = mytex/fonts/* $c
tfm_folders = mytex/fonts/tfm/* $c
```

- After the lines put OzMF-only settings after the next line and `current_app = OzMF`, put the following lines:

```
input_folders = mytex/fonts/* $c
input_folders = mytex/mf/* $c
tfm_folders = mytex/fonts/tfm/* $c
```

- After the lines put OzMP-only settings after the next line and `current_app = OzMP`, put the following line:

```
tfm_folders = mytex/fonts/tfm/* $c
```

- After the lines put OzTtH-only settings after the next line and `current_app = OzTtH`, put the following lines:

```
input_folders = mytex/packages/* $c
input_folders = mytex/fonts/* $c
```

After you've saved *Local*, open **OzTeX**, and choose **Load Config** from the **Config** menu. In the dialogue box that appears, select *Local* and click OK. Repeat the same with OzMF. If you get no error messages, you've successfully configured **OzTeX** to look for files in your *mytex* folder.

### 3 Installing packages

When you download a whole package from CTAN, the directory structure is usually visible after unpacking, but here's a few crucial examples of where the different types of files go (*newpackage* is the name of the package you're adding).<sup>1</sup>

|            |             |                                           |
|------------|-------------|-------------------------------------------|
| General    | <b>.sty</b> | <i>OzTeX/mytex/packages/newpackage/</i>   |
|            | <b>.tex</b> | <i>OzTeX/mytex/packages/newpackage/</i>   |
|            | <b>.pro</b> | <i>OzTeX/mytex/packages/newpackage/</i>   |
| BibTeX     | <b>.bib</b> | <i>OzTeX/Extras/BibTeX/BibTeX docs/</i>   |
|            | <b>.bst</b> | <i>OzTeX/Extras/BibTeX/BibTeX inputs/</i> |
| Font files | <b>.fd</b>  | <i>OzTeX/mytex/packages/newpackage/</i>   |
|            | <b>.mf</b>  | <i>OzTeX/mytex/mf/newpackage/</i>         |
|            | <b>.tfm</b> | <i>OzTeX/mytex/fonts/tfm/newpackage/</i>  |
|            | <b>.afm</b> | <i>OzTeX/mytex/fonts/afm/newpackage/</i>  |
|            | <b>.pk</b>  | <i>OzTeX/mytex/fonts/pk/newpackage/</i>   |
|            | <b>.vf</b>  | <i>OzTeX/mytex/fonts/vf/newpackage/</i>   |

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<sup>1</sup>Note that *.tex* in the following table means the *.tex* files that are part of some packages, *not* the document you're working on.

Important:

1. If you have subdirectories within *newpackage*, you have to modify the file *Local* by adding the line `input_folders = mytex/packages/newpackage* $c` to **OzT<sub>E</sub>X**-only settings and repeat the ***Load Config*** procedure again (see the previous section).
2. Always restart **OzT<sub>E</sub>X** after adding a new package.

If all else fails, put the package files in the directory where your *.tex* file is (but not in a subdirectory). This really should be used as a last resort only, because it creates a mess on the long run. Note also that it might not work for font files.