

Translate mark-up and display resulting UCS characters

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1. SYNOPSIS

```
prep [-UTF8 | -UTF16BE | -UCS4] [sections] filename
```

2. DESCRIPTION

The **prep** tool reads the mark-up of a specification, starting from the file identified by the given **filename**, and displays the corresponding sequence of UCS characters in a window. The sections of the specification appear in definition before use order, with operator templates moved to immediately after section headers. Those sections whose names are listed in the **sections** arguments are omitted from the display.

The display is generated using the **troff** tool, so only those characters known to **troff** can be displayed correctly. For other UCS characters, their code positions are displayed instead.

3. OPTIONS

`-UTF8` | `-UTF16BE` | `-UCS4` Specifies the encoding to use for the UCS characters within the `prep` tool, default `UTF8`.

4. ENVIRONMENT

`ARCH` specifies the processor architecture on which `prep` is to be executed. Unless you are accessing `prep` remotely in a heterogeneous computing network, the default is likely to be appropriate. Recognised values include `irix6`, `solaris2` and `i486`.

`CADIZ` names the directory in which CADiZ is installed. In particular, executables are kept in `$CADIZ/mip/bin`. If that directory is in your `$PATH`, then it is not necessary to set the `CADIZ` variable.

`CADIZPATH` is a search path of directories in which `zpp` will look for files. `zpp` looks in the directory of toolkits `$CADIZ/mip/kits/$MARKUP` first, then any directories given by `$CADIZPATH`, and lastly in the current directory.

`DISPLAY` specifies the X server of the screen on which the previewing windows should appear. If that is serving a different screen, or a different user, then it may be necessary to grant permission explicitly, perhaps using the `xhost` command.

MARKUP should be either `latex` or `groff`. This determines which mark-up `zpp` assumes is used in the files. It defaults to `groff`.

5. EXIT STATUS

The exit status of `prep` is

- 0** if no errors are detected in the entire specification,
- 1** if some errors are detected in the specification,
- 2** if `prep` detects something amiss with itself.

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