

Translate sequence of UCS characters to troff

[/Reference manual/Auxiliary tools](#)

1. SYNOPSIS

```
ucs2troff [-UTF8 | -UTF16BE | -UCS4] [filename]
```

2. DESCRIPTION

The `ucs2troff` tool reads a sequence of UCS characters from the file identified by the optional `filename`, default standard input, and writes troff instructions for similar notation to the standard output.

The translation of individual UCS characters to troff instructions is defined in `$CADIZ/mip/lib/ucs2troff`. Any UCS characters that are used but for which no translation is defined are translated instead to instructions to typeset their code positions.

The contents of `$CADIZ/mip/lib/troffucsheader` is prepended in the output.



Page 3 of 3

◀ ▶

Go Back

Full Screen

Close

Quit

3. OPTIONS

`-UTF8` | `-UTF16BE` | `-UCS4` Specifies the encoding that is used for the input UCS characters, default UTF8.

4. ENVIRONMENT

`ARCH` specifies the processor architecture on which `ucs2troff` is to be executed. Unless you are accessing `ucs2troff` 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.

5. EXIT STATUS

The exit status of `ucs2troff` is

0 if no errors are detected in the entire specification,

1 if some errors are detected in the specification,



Page 3 of 3



Go Back

Full Screen

Close

Quit

2 if `ucs2troff` detects something amiss with itself.

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