

**NAME**

`colcrt` — filter nroff output for CRT previewing

**SYNOPSIS**

`colcrt` [-] [-2] [*file* . . .]

**DESCRIPTION**

The `colcrt` utility provides virtual half-line and reverse line feed sequences for terminals without such capability, and on which overstriking is destructive. Half-line characters and underlining (changed to dashing ‘-’) are placed on new lines in between the normal output lines.

The following options are available:

- Suppress all underlining. This option is especially useful for previewing *allboxed* tables from [tbl\(1\)](#).
- 2 Cause all half-lines to be printed, effectively double spacing the output. Normally, a minimal space output format is used which will suppress empty lines. The program never suppresses two consecutive empty lines, however. The `-2` option is useful for sending output to the line printer when the output contains superscripts and subscripts which would otherwise be invisible.

**ENVIRONMENT**

The `LANG`, `LC_ALL` and `LC_CTYPE` environment variables affect the execution of `colcrt` as described in [environ\(7\)](#).

**EXIT STATUS**

The `colcrt` utility exits 0 on success, and >0 if an error occurs.

**EXAMPLES**

A typical use of `colcrt` would be

```
tbl exum2.n | nroff -ms | colcrt - | more
```

**SEE ALSO**

[col\(1\)](#), [more\(1\)](#), [nroff\(1\)](#), [troff\(1\)](#), [ul\(1\)](#)

**HISTORY**

The `colcrt` command appeared in 3.0BSD.

**BUGS**

Should fold underlines onto blanks even with the ‘-’ option so that a true underline character would show.

Cannot back up more than 102 lines.

General overstriking is lost; as a special case ‘|’ overstruck with ‘-’ or underline becomes ‘+’.

Lines are trimmed to 132 characters.

Some provision should be made for processing superscripts and subscripts in documents which are already double-spaced.

Characters that take up more than one column position may not be underlined correctly.