NAME
>cldm - convert LDM to layout database

SYNOPSIS
>**cldm** [-4bforsvx] inputfile

OPTIONS
>**-4**   Test non-orthogonal input conform 45 degree.
>
>**-b**   Sound the bell if the program is finished.
>
>**-f**   Enables cell overwrite (force) mode.
>
>**-o**   Use no-origin mode (default).
>
>**-r**   Give no rounding messages.
>
>**-s**   Do only a syntax check.
>
>**-v**   Enable the verbose mode.
>
>**-x**   Use origin mode.

DESCRIPTION
>*Cldm* adds the layout description of one or more cells (models in LDM) to the ICD database. If a cell description is read, *cldm* creates a new cell directory, and translates the LDM cell description into an internal database format.
>
>The cell descriptions are read from the specified LDM file and must be the last argument. In most cases a file with suffix ".ldm". The input must be conform the syntax rules of LDM. If not, a syntax error will be the result, and an appropriate error message will be generated.
>
>To help you in making a correct cell definition you can invoke *cldm* with option -s. In that case *cldm* performs only a syntax check, and two kinds of semantic checks, i.e.:
>
>1) a cell may not be redefined,
>
>2) a cell called in a cell description must already exist.
>
>With the origin mode (option -x) the lower-left corner of the bounding box of a sub-cell is used as the translation vector reference point. Note that if the input file for *cldm* was obtained with *xldm,* the option -x should only be used if and only if it was also used with *xldm.*
>
>If an error is detected the cell will not be added to the database. This can result in subsequent error messages, complaining about the fact that the cell does not exist.

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FILES
>`NELSISPROJECT/.dmrc`
>
>`NELSISPROJECT/layout/impcelllist`
>
>`NELSISPROJECT/layout/celllist`
>
>For each *cell* in the celllist:
>
>`NELSISPROJECT/layout/`*cell*`/annotations`
>
>`NELSISPROJECT/layout/`*cell*`/box`
>
>`NELSISPROJECT/layout/`*cell*`/info`
>
>`NELSISPROJECT/layout/`*cell*`/mc`
>
>`NELSISPROJECT/layout/`*cell*`/nor`

```
NELSISPROJECT/layout/cell/term
```

LIMITATIONS

The current working directory must be the project directory.

SEE ALSO

"The Geometrical Mask Layout Language LDM" - NELSIS user documentation.
addproj(1ICD), impcell(1ICD), mkpr(1ICD), xldm(1ICD).

DIAGNOSTICS

All error messages are intended to be self-explanatory.