NAME

nbool - perform boolean operations on layout masks

SYNOPSIS

nbool [-f] [-n|-c] [cell_name]

OPTIONS

-c Check for hierarchical compostion errors, this is the default mode of operation.

-n Do not check for hierarchical compostion errors.

-f Use 'booldata' from the current working directory as input_file in which the layercombinations are specified instead of the standard one from the library.

DESCRIPTION

Nbool performs boolean operations on vln_files. If no option or the "-c" option is given, the program also checks for hierarchical composition errors such as overlap of layers of different cells without the presence of terminals. Use the "-n" option to turn this mode of operation off.

The boolean functions, which are performed, are specified in the file "booldata" in the directory "ICDPATH/share/lib/process/TECHN". A boolean processing number, as specified in the file "booldata", is appended to the corresponding output file "bool_".

If no cell_name is given the cells given in the file "exp_dat" are processed.

The current working directory must be the project directory.

The *nbool* program is normally not called directly by the user, but it is used by the *dimcheck* program.

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FILES

`NELSISPROJECT/exp_dat`
: names of the cells to be processed

`ICDPATH/share/lib/process/TECHN/booldata`
: input, TECHN=technology name

`NELSISPROJECT/layout/cell/LC_vln`
: input, LC=LayerCode

`NELSISPROJECT/layout/cell/bool_BN`
: input - output, BN=Boolean Nr.

SEE ALSO

exp(1ICD), dimcheck(1ICD), makevln(1ICD)