NAME

nelsea - nelsis to seadif and seadif to nelsis converter

SYNOPSIS

nelsea [-options] [<cell_name>]

OPTIONS

<cell_name>
Nelsis cell to be converted.

[no argument]
Convert everything in celllist (implies no **-r**).

options to control the direction of the conversion:

[default]
Convert from nelsis into seadif.

-r Reverse conversion: convert from seadif into nelsis.

options to control what should be converted:

-L Convert layout view only (default: do both).

-C Convert circuit view only (default: do both).

-m <map_file>
Convert the list in <mapfile> (implies no arguments).

-f <sdf_fun>
Set seadif function name (default: <cell_name>).

-c <sdf_cir>
Set seadif circuit name (default: <cell_name>).

-l <sdf_lay>
Set seadif layout name (default: <cell_name>).

-a Do not make or use seadif cell Aliases.

-H Convert <cell_name> only (default: hierarchical).

options related to nelsis:

-i Make the nelsis cell without the basic image.

-v Write vias as model calls instead of boxes.

-F Write placement also in floorplan view.

-x <x_size>
Force horizontal array size to x_size (>= 1).

-y <y_size>
Force vertical array size to y_size (>= 1).

-E <list>
Exclude the objects in <list> from being read. Example: -E tmv13 leaves terminals, MC's vias and layers 1 and 3.

misc. options:

-p Print seadif environment for project and quit.

-M Create an empty template mapfile only.

-d <libname>
Seadif library name (default: 'Oplib').

-V Verbose parsing of image file: print all unknown keywords.

-h Help: print list of options.

-q Quiet option: print nothing.

DESCRIPTION

Nelsea is a program that convert data between the Nelsis and the Ocean Sea-of-Gates database.

EXAMPLE

To produce the nelsis layout of cell nand2 use:

% nelsea -i nand2

AUTHORS

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FILES

proj_dir/image.seadif (technology file)