

NAME

sea - nelsis interface to sea-of-gates placement and routing

SYNOPSIS

sea [-options] <lay_name>

OPTIONS

<lay_name>

Nelsis layout name of cell (= your placement).

-h Help: print list of options.

-c <cir_name>

Nelsis circuit of the cell (default: <lay_name>).

-o <out_name>

Nelsis layout cell in which to write the routed circuit (default: <lay_name> = overwrite).

-p Placement only (default: both).

-r Routing only (default: both).

-P <options>

Pass 'options' to the placer.

-R <options>

Pass 'options' to the router.

-v Verify the circuit only.

-V Verbose parsing.

-x <xl> -y <yt>

Set left top of box for placement or routing (in lambda).

-X <xr> -Y <yb>

Set right bottom of box for routing (default: 0,0).

-q Quiet option: print nothing except errors.

DESCRIPTION

Sea is a command line interface for Sea-of-Gates placement and routing. Normally, placement and routing is done with the layout editor *seadali*(1ICD).

EXAMPLE

To place the layout of cell counter4bit use:

```
% sea -p counter4bit
```

AUTHORS

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FILES

proj_dir/image.seadif (technology file)