NAME

makebus - analyzes a netlist to extract buses from it

SYNOPSIS

makebus [...options...] <circuitname>

OPTIONS

<circuitname>

Seadif circuit name to be analyzed.

-f <functionname>

Seadif function name (default: <circuitname>).

-l <libraryname>

Seadif library name (default: current working directory name).

-R   Remove all buses, do not create new ones.

-s   Silent, do not print (show) which buses were found.

-e <regexp>

Set the Extended Regular Expression (see regexp(5)) that matches names of nets that belong to buses. The name of the bus must be the first parenthesized sub-expression. The default is "^(.+)_[0-9]+_$".

-n   Also print the nets contained in each bus.

-h   Print help screen, then exit.

DESCRIPTION

Makebus is a netlist analyzer, it appends information to a circuit in the seadif database describing which nets form buses. Both structural analysis of the network and plain guessing based on the net names is performed.

EXAMPLE

To produce buses for the circuit of cell count8 use:

% makebus count8

AUTHORS

Paul Stravers, Patrick Groeneveld

FILES

proj_dir/seadif/sealib.sdf   (database file)

SEE ALSO

showbus(1SDF)