

## 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 <regex>**

Set the Extended Regular Expression (see `regex(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)