

**NAME**

autocheck - do a single layer check

**SYNOPSIS**

**autocheck** [-f] [-t] [-g] [-v] [cell\_name]

**OPTIONS**

- t** Debugging option, do not filter or merge error messages for a non orthogonal layout.
- g** Report gap errors between elements of the same group.
- f** Use file 'dimcheckdata1' from the current working directory as design\_rule file instead of the standard one.
- v** verbose mode

**DESCRIPTION**

*Autocheck* checks the layers of a cell definition on design rule errors. Width and gap checks are performed. Gap errors between edges of the same group are usually suppressed, use the -g option if this is not desired. The errors are reported on the standard output.

The program *autocheck* can be used after *exp*.

If no cell\_name is specified the cells to be checked are read from the file "exp\_dat".

The current working directory must be the project directory.

**AUTHOR**

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**FILES**

ICDPATH/share/lib/dimcheck  
executable

ICDPATH/share/lib/process/TECHN/dimcheckdata1  
(TECHN=technology directory)

NELSISPROJECT/exp\_dat  
names of cells to be checked

NELSISPROJECT/layout/cell/LC\_vln  
input files, LC=LayerCode

**SEE ALSO**

T.G.R. van Leuken, J. Liedorp "An Hierarchical and Technology Independent Design Rule Checker", Delft University of Technology,  
dimcheck(1ICD), dimdata(4ICD), exp(1ICD).

**BUGS**

It is understood that the design rules are consistent. Error reporting is rather poor; the kind of error (width or gap) is reported together with the coordinates of the two points between which the error occurred. In case of non orthogonal layouts the errors reported may be shifted a little from the place where they occurred due to rounding errors.