

**NAME**

**mkpr** - make a project

**SYNOPSIS**

**mkpr** [-p process] [-l lambda] [-u project] project

**PARAMETERS**

*project* Absolute or relative path of the project to be created.

**OPTIONS**

**-p** *process*

Create project for the specified process. The *process* argument can be a process *name*, a process *number* or a process *directory*.

**-l** *lambda*

Use the specified lambda value (in microns) for the project.

**-u** *project*

Use existing project (path) for parameter defaults.

**DESCRIPTION**

*Mkpr* creates a project (for the latest release) with the specified name. The argument may contain slashes (/), in which case the first part (up to the last /) has to be a legal UNIX path to a directory in which the new project directory will be created. When the project directory exists, then *mkpr* tries to turn the existing directory into a project directory. This directory may not already contain any project files.

Default, *mkpr* tries to use the information of the current project (if existing). Use option **-u**, to use a specific project instead. This information is read from the ".dmrc" file. When this file has a bad format, no information is used.

To connect the project to a process, *mkpr* first tries to use the process that is specified using the option **-p**, second the value of an existing current project. Next, *mkpr* tries to use the environment variable ICDPROCESS (if defined). Otherwise, the user has to interactively specify the process.

To define a lambda value (the smallest grid for layout design) for the project, *mkpr* first tries to use the value that is specified using the option **-l**, second the value of an existing current project. Next, *mkpr* tries to read the value from a file 'default\_lambda' that is present in the process directory. Otherwise, the user has to interactively specify the value for lambda.

*Mkpr* creates standard entries in the project directory, that is, view directories with empty celllists, a file ".dmrc" and a file "projlist". The entry ".dmrc" contains process information such as the process id and the value for lambda. The entry ".dmxdata" contains *xcontrol*(IICD) information. The entry "projlist" is intended to contain a list of paths to projects that may be used as libraries for the design that will be created in the new project.

**LIMITATIONS**

*Mkpr* requires write permission in the parent directory. *Mkpr* does not use the environment variable CWD.

**EXAMPLES**

```
% mkpr my_project
% mkpr -l 0.1 my_project2
% mkpr -p scmos_n -l 0.1 ../projects/new_project
% mkpr -p /usr/cacd/lib/process/scmos_n -l 0.1 other_project
% mkpr -u other_project other_project2
```

**AUTHORS**

P. van der Wolf, A.J. van Genderen, S. de Graaf

**FILES**

ICDPATH/share/lib/process/processlist  
(input file)

project/.dmrc (output file)  
project/.dmxdata (output file)  
project/projlist (output file)  
project/view/celllist (output file)  
project/view/impcelllist (output file)  
ICDPATH/share/lib/process/*name*/default\_lambda  
(opt. input file)  
ICDPROCESS/default\_lambda  
(opt. input file)

**SEE ALSO**

addproj(1ICD), getproc(1ICD), rmpr(1ICD), xcontrol(1ICD).

**DIAGNOSTICS**

Upon successful completion *mkpr* returns exit code 0. Otherwise, a diagnostic is printed and 1 is returned.