



NAME

modelmbkrds – gets all models of instances contained in a figure.

ORIGIN

This software belongs to the **ALLIANCE CAD SYSTEM** developed by the ASIM team at **LIP6** laboratory of Université Pierre et Marie CURIE, in Paris, France.

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SYNOPSIS

```
#include "rfmnnn.h"
rdsfig_list *modelmbkrds( Figure, Lynx )
    rdsfig_list *Figure;
    char        Lynx;
```

PARAMETER

Figure : The figure which has to be treated.

Lynx : Flag used for the segment conversion. If the parameter Lynx is set to 0 then this is the normal conversion mode. If the parameter Lynx is set to 1 then the rds structure generated permits to extract equipotentials rectangles.

DESCRIPTION

The *modelmbkrds* function gets all models of instances of the RDS figure and chains them to the head of figures's list. For each newly created figure, the function is applied recursively. So the function flats all models contained in the figure named 'Figure'.

RETURN VALUE

Pointer to the head of the list of figures.

ERRORS

"Rds202: rdsalloc error, can't continue !"
 it's impossible to allocate the memory size desired

Other errors can be generated by the getphfig function called in the modelmbkrds function (see getphfig).

EXAMPLE

```
#include "mphnnn.h"
#include "mutnnn.h"
#include "rdsnnn.h"
#include "rfmnnn.h"
#include "rtlnnn.h"
main()
{
    phfig_list *MbkFigure;
    rdsfig_list *RdsFigure;
    rdsfig_list *RdsModelList;
    rdsfig_list *ScanRdsFigure;
    mbkenv();
    rdsenv();
    loadrdsparam();
    MbKFigure      = getphfig("core",'A');
    RdsFigure      = figmbkrds(MbkFigure,0,1);
    RdsModelList   = modelmbkrds (RdsFigure,1);
    for ( ScanRdsFigure = RdsModelList ;
        ScanRdsFigure != NULL ;
        ScanRdsFigure = ScanRdsFigure->NEXT )
    {
        viewrfmfig ( ScanRdsFigure );
    }
}
```



MODELMBKRDS(3)

RDS PHYSICAL FUNCTIONS

MODELMBKRDS(3)

SEE ALSO

librfm, viewrfmfig, getphfig, loadrdsparam

BUG REPORT

This tool is under development at the **ASIM** department of the **LIP6** laboratory.
We need your feedback to improve documentation and tools.

