

smartfill
lf

sfrestore

sfchkrange

sfcoords

sftopcell

sfstart

sf2ndcell

sfprefix

sfrows

sfrangesize

sfchkfornum

sfdonumbers

sfstepval

sfstopval

sfchkforltr

sfascii

sfltrintv

sfltrcount

sfdoletter

sfcaseval

sfltrformula

sfchkforseries

sfisolate

sfiscounter

sfchkchar

sfplaces

sfprelabel

sfd02nd

sfdoprelabel

sfprelabct

sfaddpre

sfnmconv

sfchkforlists

sffindcount

sfchkitem

sfsetnum

sfitemnum

sfgetsize

sfsizcount

sffindend

sfsetsize

sfgetintvl

sfskipcount

sfchk2nd

sfsetintvl

sfskipnum

sfrangefill

sffillct

sfputlabel

sfitem

salign

```
{sfrestore}
{PANELOFF}{WINDOWSOFF}
{sfckrange}
{sfchkfornum}
{sfchkforltr}
{sfchkforseries}
{sfchkforlists}
{sfalign}
```

```
{IF @ISERR(@@"sfrestorerange"))}{QUIT}
{ABS}sfrestorerange~
/RNDSfrestorerange~
```

```
{ABS}{LET sfcoords,@CELLPOINTER("address")}..
{IF @CELLPOINTER("address")=sfcoords}~{ESC}{QUIT}
{LET sfcoords,@CELLPOINTER("address")&".."&sfcoords}
{LET sftopcell,@CELLPOINTER("address")}
{LET sfstart,@CELLPOINTER("contents")}
{LET sfprefix,@CELLPOINTER("prefix")}
{LET sfrows,@ROWS(@@(sfcoords))}
{LET sfrangesize,@COLS(@@(sfcoords))*sfrows}
{DOWN sfrows>1}{RIGHT sfrows=1}
{LET sf2ndcell,@CELLPOINTER("contents")}
{IF @CELLPOINTER("type")="b"}{BLANK sf2ndcell}
{UP sfrows>1}{LEFT sfrows=1}~
{LET +sftopcell,sfstart}/C{ESC}{sftopcell}~{sfcoords}~
```

```
{IF #NOT#@ISNUMBER(sfstart)}{RETURN}
{sfdonumbers}{QUIT}
```

```
{LET sfstepval,1}
{IF @CELL("type",sf2ndcell)="v"}{LET sfstepval,sf2ndcell-sfstart}
{LET sfstopval,@STRING(sfstart+sfrangesize*sfstepval,10)}
{LET sfstart,@STRING(sfstart,10)}
{LET sfstepval,@STRING(sfstepval,10)}
```

/DF{sfstart}~{sfstepval}~{sfstopval}~

```
{IF @LENGTH(sfstart)>1}{RETURN}
{IF sfstart<"A"#OR#sfstart>"Z"}{RETURN}
{LET sfascii,@CODE(sfstart)}
{LET sfcaseval,@IF(sfascii>96,97,65)}
{LET sf2ndcell,@S(sf2ndcell)}
{RECALC sfltrintv}
{FOR sfltrcount,0,sfrangesize-1,1,sfdoletter}
```

1

```
{RECALC sfltrformula}
{PUT +sfcoords,sfltrcount/sfrows,@MOD(sfltrcount,sfrows),sfltrformula}
```



```
{IF @ISERR(@FIND(" ",sfstart,0))}{RETURN}
{sfisolate}
{IF @ISERR(@VALUE(@MID(sfstart,sfiscounter,100)))}{RETURN}
{LET sfplaces,@LENGTH(sfstart)-@FIND(".",sfstart,sfiscounter)-1}
{IF @ISERR(sfplaces)}{LET sfplaces,0}
{LET sfprelabel,@LEFT(sfstart,sfiscounter+1)}
{LET sfstart,@VALUE(@MID(sfstart,sfiscounter,100))}
{IF @LEFT(sf2ndcell,@LENGTH(sfprelabel))=sfprelabel}{sfdo2nd}
{sfdonumbers}
{sfdoprelabel}
```

```
{FOR sfiscounter,@LENGTH(sfstart)-1,0,-1,sfchkchar}
```

```
{IF @MID(sfstart,sfiscounter,1)=" "}{FORBREAK}
```

```
{LET sf2ndcell,@VALUE(@MID(sf2ndcell,sfiscounter,100))}
```

Sheet1

```
{PUT +sfcoords,(sfrows=1),(sfrows>1),sf2ndcell}
```

```
{FOR sfprelabct,0,sfrangesize-1,1,sfaddpre}
```

```
{LET sfnmconv,@INDEX(@@(sfcoords),sfprelabct/sfrows,@MOD(sfprelabct,sfrows))}  
{LET sfnmconv,sfprelabel&@STRING(sfnmconv,sfplaces)}  
{PUT +sfcoords,sfprelabct/sfrows,@MOD(sfprelabct,sfrows),sfnmconv}
```

```
{FOR sffindcount,0,@ROWS(sflists),1,sfchkitem}  
{IF sffindcount<=@ROWS(sflists)}{sfgetsize}{sfgetintvl}{sfrangefill}
```

```
{IF @INDEX(sflists,0,sffindcount)="[SET]"{LET sfsetnum,sffindcount}{RETURN}  
{IF @INDEX(sflists,0,sffindcount)=sfstart}{LET sfitemnum,sffindcount}{FORBREAK}
```

```
{FOR sfsizecount,sfitemnum,@ROWS(sflists)-1,1,sffindend}  
{LET sfsetsize,sfsizecount-sfsetnum-1}
```

```
{IF @INDEX(sflists,0,sfsizecount)="[SET]"{FORBREAK}
```

```
{LET sfskipnum,1}  
{FOR sfskipcount,1,sfsetsize,1,sfchk2nd}
```

```
{IF @INDEX(sflists,0,sfsetnum+sfskipcount)=@S(sf2ndcell)}{sfsetintvl}{FORBREAK}
```

```
{LET sfskipnum,@MOD(sfsetsize+sfskipcount-(sfitemnum-sfsetnum),sfsetsize)}
```

```
{FOR sffillct,0,sfrangesize*sfskipnum-1,sfskipnum,sfputlabel}
```

```
{LET sfitem,@INDEX(sflists,0,@MOD(sffillct+(sfitemnum-sfsetnum)+(sfsetsize-1),sfsetsize)+sfsetnum+1)}
```

Sheet1

```
{PUT +sfcoords,sfillct/sfskipnum/sfrows,@MOD(sfillct/sfskipnum,sfrows),sfitem}  
{IF @EXACT(sfstart,@UPPER(sfstart)){PUT +sfcoords,sfillct/sfrows,@MOD(sfillct,sfrows),@UPPER(sfitem)}
```

```
{IF sfprefix=""^}/RLC  
{IF sfprefix=""^"}/RLR
```


Sheet1

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Press HOME to view the macro