

# visVp

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visVp

*Function to create viewports for multiple supra-hexagonal grids*

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## Description

visVp is supposed to create viewports, which describe rectangular regions on a graphics device and define a number of coordinate systems for each of supra-hexagonal grids.

## Usage

```
visVp(height = 7, xdim = 1, ydim = 1, colNum = 1, rowNum = 1,  
gp = grid::gpar(), newpage = TRUE)
```

## Arguments

height	a numeric value specifying the height of device
xdim	an integer specifying x-dimension of the grid
ydim	an integer specifying y-dimension of the grid
colNum	an integer specifying the number of columns
rowNum	an integer specifying the number of rows
gp	an object of class gpar, typically the output from a call to the function gpar (i.e., a list of graphical parameter settings)
newpage	logical to indicate whether to open a new page. By default, it sets to true for opening a new page

## Value

vpnames	an R object of "viewport" class
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## Note

none

## See Also

[visHexMulComp](#), [visCompReorder](#)

**Examples**

```
# 1) create 5x5 viewports
vpnames <- visVp(colNum=5, rowNum=5)

# 2) look at names of these viewports
vpnames
```