visHexGrid

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visHexGrid   *Function to visualise a supra-hexagonal grid*

Description

visHexGrid is supposed to visualise a supra-hexagonal grid

Usage

```
visHexGrid(hbin, area.size = 1, border.color = NULL, fill.color = NULL,
lty = 1, lwd = 1, lineend = "round", linejoin = "round")
```

Arguments

hbin	an object of class "hexbin"
area.size	an inteter or a vector specifying the area size of each hexagon
border.color	the border color for each hexagon
fill.color	the filled color for each hexagon
lty	the line type for each hexagon. 0 for 'blank', 1 for 'solid', 2 for 'dashed', 3 for 'dotted', 4 for 'dotdash', 5 for 'longdash', 6 for 'twodash'
lwd	the line width for each hexagon
lineend	the line end style for each hexagon. It can be one of 'round', 'butt' and 'square'
linejoin	the line join style for each hexagon. It can be one of 'round', 'mitre' and 'bevel'

Value

invisible

Note

See Also

[visHexComp](#)

Examples

```
# 1) generate an iid normal random matrix of 100x10
data <- matrix( rnorm(100*10,mean=0,sd=1), nrow=100, ncol=10)
colnames(data) <- paste(rep(S,10), seq(1:10), sep="")

# 2) sMap resulted from using by default setup
sMap <- sPipeline(data=data)

# 3) create an object of "hexbin" class from sMap
dat <- data.frame(sMap$coord)
xdim <- sMap$xdim
ydim <- sMap$ydim
hbin <- hexbin::hexbin(dat$x, dat$y, xbins=xdim-1,
shape=sqrt(0.75)*ydim/xdim)

# 4) visualise hbin object
vp <- hexbin::hexViewport(hbin)
visHexGrid(hbin)
```