dcSplitArch

November 27, 2014

`dcSplitArch` *Function to obtain a list of features via splitting an input architecture*

Description

`dcSplitArch` is supposed to obtain a list of features via splitting an input architecture.

Usage

```
dcSplitArch(da, feature.mode = c("supra", "individual", "comb"), sep =
","
ignore = "_gap_", verbose = T)
```

Arguments

`da`	an input architecture. For example, a comma-separated string
`feature.mode`	the mode of how to define the features thereof. It can be: "supra" for combinations of one or two successive domains (including individual domains; considering the order), "individual" for individual domains only, and "comb" for all possible combinations (including individual domains; ignoring the order)
`sep`	a character string to separate. By default, it is comma ','
`ignore`	a character string to ignore. By default, it is '_gap_'. Ihis ignored character will affect the features defined as being 'supra' (see examples below)
`verbose`	logical to indicate whether the messages will be displayed in the screen. By default, it sets to TRUE for display

Value

an interger vector, in which an entry indicates from which it duplicats. When viewing column-wise patterns (or row-wise patterns), the returned integer vector has the same length as the column number (or the row number) of input data.

Note

none

See Also

dcAlgo, dcAlgoPredict

Examples

```
da <- "_gap_,100895,57610,_gap_,57610,47473"
# get features defined as being "supra"
dcSplitArch(da, feature.mode="supra")
# get features defined as being "individual"
dcSplitArch(da, feature.mode="individual")
# get features defined as being "comb"
dcSplitArch(da, feature.mode="comb")
```