

SpatialPointsDataFrame

Associate data in a `data.frame` with `SpatialPoints`.

```
df <- data.frame( table(arapat$Population) )
names(df) <- c("Population", "N")
pts.df <- SpatialPointsDataFrame(pts, df)
pts.df
```

```
## class      : SpatialPointsDataFrame
## features    : 39
## extent      : -114.2935, -109.1263, 23.0757, 29.32541 (xmin, xmax, ymin, ymax)
## coord. ref. : +proj=longlat +datum=WGS84 +no_defs +ellps=WGS84 +towgs84=0,0,0
## variables   : 2
## names       : Population, N
## min values   :      101, 4
## max values   :      SFr, 19
```

S4 Object Access

```
slotNames(pts.df)
```

```
## [1] "data"          "coords.nrs"    "coords"        "bbox"          "proj4string"
```

```
pts.df@data[1:5,]
```

```
##   Population  N
## 1         101  9
## 2         102  8
## 3          12 10
## 4         153 10
## 5         156  6
```