geometry + **variables**
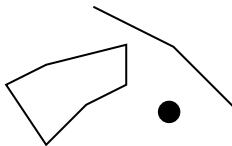
```
AttribJoin <- function(df, spdf, df.field, spdf.field) {
  if(is.factor(spdf@data[ , spdf.field]) == TRUE) {
    spdf@data[ , spdf.field]  <- as.character(
      spdf@data[ , spdf.field]
    )
  }
  if(is.factor(df[ , df.field]) == TRUE) {
    df[ , df.field]  <- as.character(df[ , df.field])
  }
  spdf@data <- data.frame(
    spdf@data,
    df[match(spdf@data[ , spdf.field], df[ , df.field]), ]
  )
  return(spdf)
}
```