

GDELT Exploration

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library(RMySQL)

## Loading required package: DBI

con <- dbConnect(RMySQL::MySQL(), user="root", password="root", dbname = "gdelt")

res <- dbSendQuery(con, "select * from random_events")
# n = -1 fetches all results, instead of default limit of first 500
data <- dbFetch(res, n = -1)

eventRootCodesDict <- c(
  "public_statement",
  "appeal",
  "intent_to_cooperate",
  "consult",
  "diplomatic_cooperation",
  "material_cooperation",
  "provide_aid",
  "yield",
  "investigate",
  "demand",
  "disapprove",
  "reject",
  "threaten",
  "protest",
  "exhibit_force",
  "reduce_relations",
  "coerce",
  "assault",
  "fight",
  "mass_violence")

data$EventCodeName <- with(data, eventRootCodesDict[EventRootCode])

library(ggplot2)
c <- ggplot(data, aes(factor(EventCodeName)))
c <- c + geom_bar()
c + theme(axis.text.x = element_text(angle = 45, hjust = 1, vjust = 1))
```

