

```
#choose a directory where you put the zip file and where your output
will go
# on windows:
setwd("E:\\courbois\\_R demo and training\\")
# or on a mac:
setwd("/Users/CC/Documents/nasdaq/demoProject/")

#if you don't like scientific notation
options(scipen=100)

#load packages you'll need
library(RSQLite)

#unzip the database
unzip(zipfile = "nqdb3.zip")

# load SQLite driver
sqlite <- dbDriver("SQLite")

# open database
nqdb <- dbConnect(sqlite, "nqdb3.db")

# list tables
dbListTables(nqdb)

# list fields
dbListFields(nqdb, "trds")
dbListFields(nqdb, "qts")

# do a simple SQL query
some_data <- dbGetQuery(nqdb, statement = "select * from trds where
Symbol='MSFT' limit 10")

# look at it
head(some_data)

# disconnect from database when finished for the day
dbDisconnect(nqdb)
```