

# Assignment / Build XML Structure

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```
library(XML)

xmlFile <- "log.xml"

dom <- xmlParse(xmlFile, validate=T)
root <- xmlRoot(dom)

n <- xmlSize(root[[1]])

visitCount <- 0

for (i in 1:n) {

  node <- xmlName(root[[1]][[i]])

  if(node == "visit") {
    visitCount <- visitCount + 1
  }
}

print(visitCount)

## [1] 2

xpathEx <- "//page[@pid='101']/visit"

visits <- xpathSApply(root, xpathEx)

print(length(visits))

## [1] 2
```