

R und Excel

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Das Paket xlsx

- Eine wichtige Datenquelle - Eurostat

```
library("xlsx")  
dat <- read.xlsx("cult_emp_sex.xls",1)
```

Einige Schritte um R und Excel zu verbinden

- Die Excel-Verbindung

```
install.packages("XLConnect")
```

```
library("XLConnect")
```

XLConnect

A platform-independent interface to Excel

Figure 1: Vignette für XLconnect

Eine Excel Datei aus R erzeugen

```
fileXls <- "data/newFile.xlsx"
unlink(fileXls, recursive = FALSE, force = FALSE)
exc <- loadWorkbook(fileXls, create = TRUE)
createSheet(exc, 'Input')
saveWorkbook(exc)
```

Das Arbeitsblatt mit Daten befüllen

```
input <- data.frame('inputType'=c('Day','Month'),'inputValue'=c(1,2))  
writeWorksheet(exc, input, sheet = "input", startRow = 1, startCol = 1)  
saveWorkbook(exc)
```

BERT - Eine weitere Verbindung zwischen R und Excel

► Schnellstart mit Excel

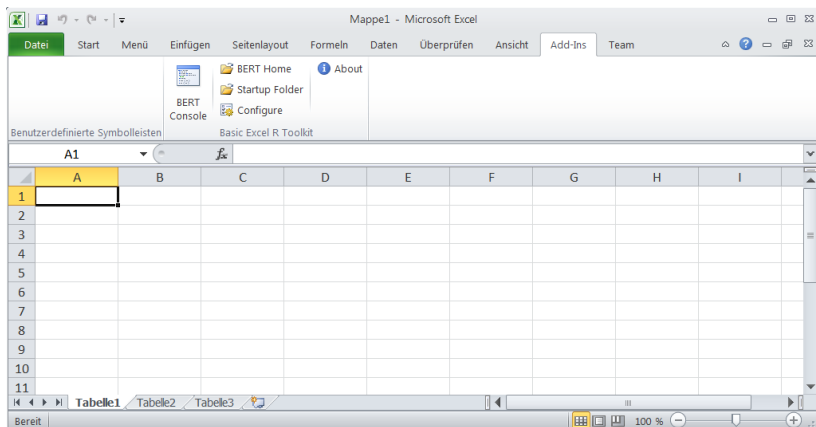


Figure 2:

```
myFunction <- function(){  
  # ...  
  return(200)  
}
```

Link BERT

- BERT: a newcomer in the R Excel connection

BERT: a newcomer in the R Excel connection


November 30, 2016

By The R Trader



(This article was first published on R – [The R Trader](#), and kindly contributed to R-bloggers)

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A few months ago a reader point me out this new way of connecting R and Excel. I don't know for how long this has been around, but I never came across it and I've never seen any blog post or article about it. So I decided to write a post as the tool is really worth it and before anyone asks. I'm not related to the

Das Paket readxl

► readxl

```
install.packages("readxl")
```

```
library(readxl)
```

Get data out of excel and into R with readxl

April 15, 2015

By [hadleywickham](#)

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(This article was first published on [RStudio Blog](#), and kindly contributed to R-bloggers)

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I'm pleased to announced that the first version of readxl is now available on CRAN. Readxl makes it easy to get tabular data out of excel. It: