

GENETICS

SWEAVE – SEAMLESS STATISTICS AND DOCUMENT AUTOMATION

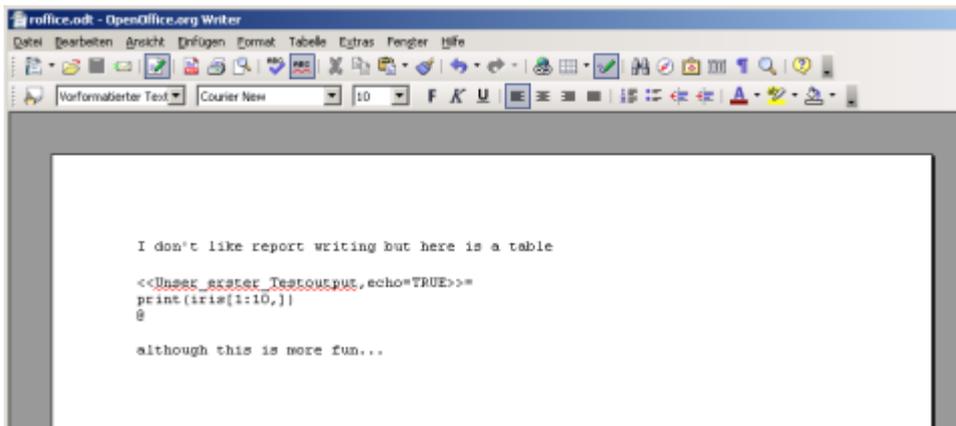
7.08.2007

The R Munich user group likes [Sweave](#). Here are 3 screenshots how to create a seamless R + Open Office integration (which works also for Word documents if you have installed the ODF converter plugin). First create your document

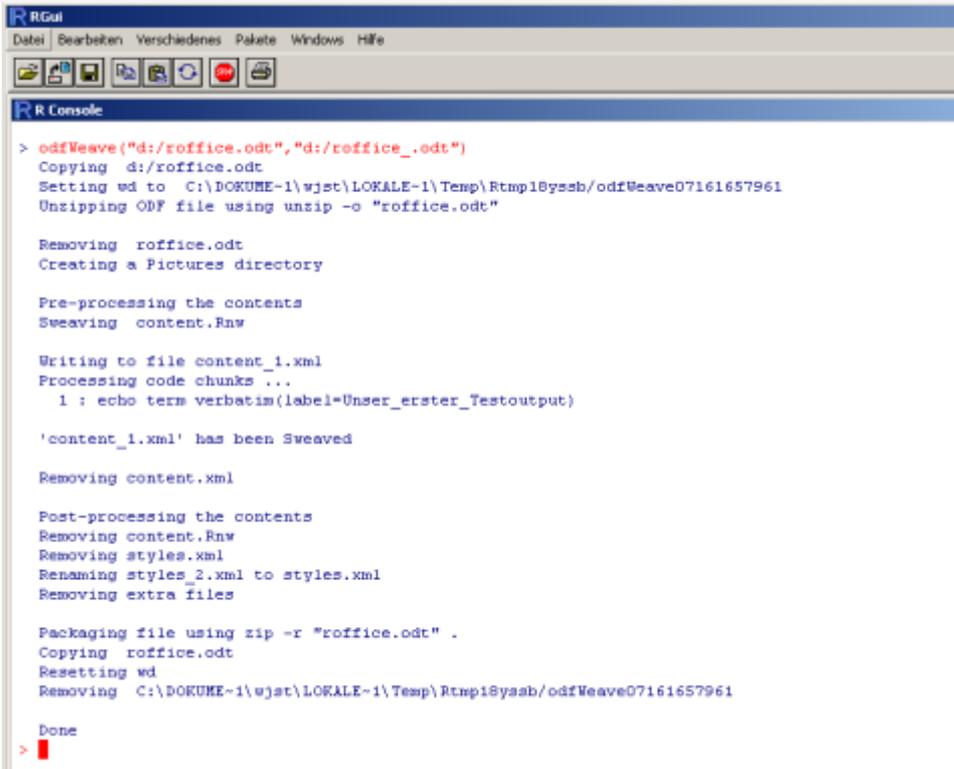
[sweave.R](#)

```
|wj_sweave.R|
```

the document



save it, open R and execute



```
> odfWeave("d:/roffice.odt","d:/roffice_.odt")
Copying d:/roffice.odt
Setting wd to C:\DOKUME-1\wjst\LOKALE-1\Temp\Rtmp18ysab/odfWeave07161657961
Unzipping ODF file using unzip -o "roffice.odt"

Removing roffice.odt
Creating a Pictures directory

Pre-processing the contents
Sweaving content.Rnw

Writing to file content_1.xml
Processing code chunks ...
  1 : echo term verbatim(label=Unser_erster_Testoutput)

'content_1.xml' has been Sweaved

Removing content.xml

Post-processing the contents
Removing content.Rnw
Removing styles.xml
Renaming styles_2.xml to styles.xml
Removing extra files

Packaging file using zip -r "roffice.odt" .
Copying roffice.odt
Resetting wd
Removing C:\DOKUME-1\wjst\LOKALE-1\Temp\Rtmp18ysab/odfWeave07161657961

Done
>
```

Your document will then look like

