## The OdfWeave Package

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## 1 Introduction

The Sweave function (Leisch, 2002) is a powerful component of R. It can be used to combine R code with LATEX so that the output of the code is embedded in the processed document. The capabilities of Sweave were later extended to HTML format in the R2HTML package.

A written record of an analysis can be created using Sweave, but additional annotation of the results may be needed such as contextspeci c interpretation of the results.

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Name
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content.xml
layout-cache
META-INF/
META-INF/manifest.xml
meta.xml
mimetype
l
mimetype
```

the split argument, doesn't make sense when using ODF. As another example, ODF supports a broad range of image formats, so pdf or eps arguments to code chunks are somewhat limiting.

images (i.e. images not created in a chunk with fig = TRUE).

Figure 1

## OdfWeave

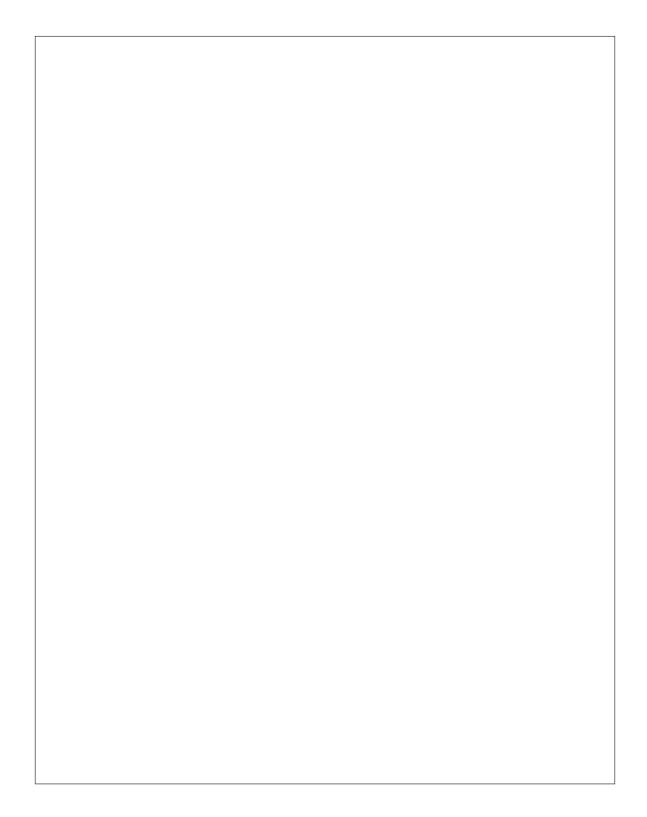


Figure 2: The processed ODF document.

\$parentStyleName
[1] ""

\$hea [1]	nder "IowerBorder"
	l Text "Ari al Centered"
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_	jureFrame "basicFigFrame"

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[1] "RI andTd[([)82e4(e")P(a)1(sige(")]TJ02011. 9552Tf28. 446-34. 59Td[(0)F)82rdtme"p(I)1(ane(i))

## OdfWeave

The function <code>listString</code> takes a vector and returns a textual list. For example, <code>letters[1:4]</code> would become "a, b, c and d". Also, <code>matrixPaste</code>