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 cdntextspeci c interpretation of the results.

```
Name
----
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] ""
```

```
$header
[1] "lowerBorder"

$cellText
[1] "ArialCentered"

$headerText
[1] "ArialCenteredBold"

$bullet
[1] "Rbullet"

$figureFrame
[1] "basicFigFrame"

$page
[1] "RlandTd[([)82e4(e")P(a)1(sige(")]TJ02011.9552Tf28.446-34.59Td[(O)F)82rdtme"p(l)1(ane(i
```

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