

# The R.rsp package v0.3.0

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## Abstract

An R Server Page (RSP) is a document that contains both text in a format of choice (HTML, TeX, ...) as well as R source code within special tags. An RSP file can be translated into a so called R servlet, which is an R script that outputs the final document when sourced. This way documents in any format can be generated dynamically using R, e.g. automatic reports of statistical analysis. Utilizing a internal cross-platform web server, this package provides dynamic help pages in HTML. If other packages provide RSP help pages, these are automatically linked to in the RSP main menu.

## 1 Introduction

To load the package, do

```
library(R.rsp)
```

This will also load all required packages, display the version number of the R.rsp package, and explain how to access its help pages.

### 1.1 RSP main menu

To launch the RSP main menu in the default web browser, do

```
browseRsp()
```

If not already started, this will also start the internal R web server, through which the RSP pages are processed. To stop the internal web server, do

```
browseRsp(stop=TRUE)
```

### 1.2 Further information

For further information, such as translating and processing RSP files, see the RSP sections in the RSP main menu.

## 2 Session information

This document was generated by the R.rsp package v0.3.0 on R Version 2.3.1  
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