

An R package for creating Microsoft Word, Power Point and HTML documents

David Gohel^{1*}

1. Lysis-consultants

*Contact author: david.gohel@lysis-consultants.fr

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The ReporteRs package provides a framework that allows users to create Microsoft Word (≥ 2007), Power Point (≥ 2007) and HTML documents. It makes easy to add pretty output from *R* in a Microsoft Word or Power Point document with a particular corporate template. ReporteRs can be used as a tool for fast reporting within *R* and can be used as a reporting automation tool.

A rich API is available for producing documents with simple or sophisticated tables, formatted texts, raster or editable vector graphics, those functions are implemented for the three document types available. There are also functions dedicated to specific contents (e.g. a table of content in a Word document, a slide in a Power Point presentation). By default, content is added at the end of a copy of the template; with a Word document or a Power Point presentation; content can be inserted at a specific location (a bookmark or a slide number).

The only requirement is to have a Java Runtime on the machine, it makes it easy to deploy in business environments.

This talk will include an introduction to ReporteRs, simple and complex reporting demonstrations and future plans.