

The hwriter package

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1 Description

The package **hwriter** is an easy-to-use package able to format and output R (from the R-project) objects in HTML format. It supports advanced formatting, tables, CSS styling, images and provides a convenient mapping between R tables and HTML tables.

The project page is <http://www.ebi.ac.uk/~gpau/hwriter>.

The package provides the following functions (but most of the job is carried out by *hwrite*):

- *hwrite* outputs an R object in HTML format.
- *hwriteImage* writes an image.
- *openPage*, *closePage* handles HTML page/document creation.
- *hmakeTag* is a low-level HTML tag formatting function.

All the functions are documented in the manual pages. Please check them for reference.

2 Example

It is not easy to render what an HTML writing package could do in a PDF document. The following example produces a local web page named *example-hwriter.html* which contains many documented examples, all with R sources and resulting HTML outputs.

```
> library("hwriter")  
> example("hwriter")
```

```
hwritr> hwriter:::showExample()
```

Building the example webpage /var/folders/e2/e2eS0oCNFI4NTGKSw20CUk+++TI/-Tmp-//Rtmp8c

Opening a web browser on /var/folders/e2/e2eS0oCNFI4NTGKSw20CUk+++TI/-Tmp-//Rtmp8c

OK. A web page showing all the examples should have been opened.