

# 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 /tmp/RtmpkGpcml/example-hwriter.html ...  
Opening a web browser on /tmp/RtmpkGpcml/example-hwriter.html ...  
OK. A web page showing all the examples should have been opened.
```