

# Package ‘helloworld’

February 18, 2011

**Version** 1.0-1

**Date** 2011-02-12

**Title** A simple Hello World R package

**Author** David DERNONCOURT <<http://www.daviddernoncourt.com>>

**Maintainer** John Smith <[john.smith@tardis.net](mailto:john.smith@tardis.net)>

**Depends** R (>= 2.12.1)

**Suggests** MASS

**Description** A minimalist package saying hello and using a tiny part written in C

**License** GPL (>= 3)

**URL** <http://www.patheticcockroach.com>, <http://www.daviddernoncourt.com>

**BugReports** <http://bugs.wiki4games.com>

**LazyLoad** yes

**Archs** i386, x64

## R topics documented:

helloworld-package . . . . .	2
helloWorldR . . . . .	3
<b>Index</b>	<b>4</b>

---

helloworld-package *Hello World example package*


---

## Description

A minimalist package saying hello and using a tiny function written in C.

## Details

Package:	helloworld
Type:	Package
Version:	1.0
Date:	2011-02-12
License:	GPL (>= 3)
LazyLoad:	yes

## Author(s)

David DERNONCOURT <<http://www.daviddernoncourt.com>>

Maintainer: John Smith <[john.smith@tardis.net](mailto:john.smith@tardis.net)>

## References

### The place where this package comes from:

David DERNONCOURT (2011): [A "Hello World" R package, or a quick start into writing R extensions with some C inside.](#)

### The reference about writing packages:

R Development Core Team (2010): *Writing R Extensions*. R Foundation for Statistical Computing, Vienna, Austria. => [Link](#)

### Publications that make it easier:

Leisch, Friedrich (2008): *Creating R Packages: A Tutorial*. In: Brito, Paula (ed.), Compstat 2008 - Proceedings in Computational Statistics. Physica Verlag: Heidelberg, Germany. => [Link](#)

R.M. Ripley. *Making an R package*. Department of Statistics, University of Oxford, 2008/9. => [Link](#)

PA. Cornillon, A. Guyader, F. Husson, N. Jegou, J. Josse, M. Kloareg, E. Matzner-Lober, L. Rouviere. *Construire un package R*. 2008. => [Link](#)

### Others:

R Development Core Team (2010): *R Installation and Administration*. R Foundation for Statistical Computing, Vienna, Austria. => [Link](#)

## Examples

```
helloWorldR(2,9);
helloWorldR(6,7);
```

---

helloWorldR	<i>helloWorldR</i>
-------------	--------------------

---

**Description**

Check whether the product of the 2 arguments is 42 or not. To do so it calls a function written in C which performs the multiplication and compares the result to 42. The helloWorldR function then processes that boolean result to return a sentence.

**Usage**

```
helloWorldR(n, m, ...)
```

**Arguments**

n	a number
m	another number
...	not used yet: it seems to be recommended to add this "dots" argument at the end of functions, so here it is...

**Details**

This package is useless but hopefully great for learning the minimal things that should be in a package.

**Value**

Returns a string

**Author(s)**

David DERNONCOURT

**Examples**

```
##----- Should be DIRECTLY executable !! -----  
##-- ==> Define data, use random,  
##--or do help(data=index) for the standard data sets.  
helloWorldR(1,2);  
helloWorldR(6,7);
```

# Index

\*Topic **\textasciitildekw1**

helloWorldR, [3](#)

\*Topic **\textasciitildekw2**

helloWorldR, [3](#)

\*Topic **package**

helloworld-package, [2](#)

helloworld (*helloworld-package*), [2](#)

helloworld-package, [2](#)

helloWorldR, [3](#)

helloWorldr (*helloWorldR*), [3](#)

helloworldR (*helloWorldR*), [3](#)

helloworldr (*helloWorldR*), [3](#)