# Barplot 3D Examples

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This vignette gives examples of how to use the barplot3d package. It contains several worked examples.

**Installation:** The latest version can be installed from CRAN like so:

```
## Install
install.packages("barplot3d")
## Load
library(barplot3d)
```

The latest development version can be cloned from GitHub but must be built from source:

`https://github.com/cpwardell/barplot3d`

**Dependencies:** barplot3d depends on rgl[1].

# Contents

# 1 Overview

## 1.1 Introduction

Insert introduction here

# 2 Worked examples

A number of examples are discussed in order of increasing complexity.

## 2.1 Example 1 - description

Note: fills from left to right, front to back

You can manually edit the size/position of the window using commands like this: par3d(windowRect=c(2004,866,2260,

Explain how to save images: creation of png output Save your images to files if you wish rgl.snapshot(filename="example.png")

Description in here

## 2.2 Example 2 - description

Description in here

## 2.3 Example 3 - description

Description in here

theta=50,phi=40 for Broad-style legoplots

## 2.4 Example 4 - description

Description in here

# 3 Session Info

```
sessionInfo()

## R version 3.2.2 (2015-08-14)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 7 x64 (build 7601) Service Pack 1
##
## locale:
## [1] LC_COLLATE=English_United States.1252
## [2] LC_CTYPE=English_United States.1252
## [3] LC_MONETARY=English_United States.1252
## [4] LC_NUMERIC=C
## [5] LC_TIME=English_United States.1252
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] knitr_1.11
##
```

```
## loaded via a namespace (and not attached):
## [1] formatR_1.2    tools_3.2.2    highr_0.5      stringr_0.6.2
## [5] evaluate_0.7.2
```

# References


[1] Duncan Murdoch Daniel Adler et al. *rgl: 3D Visualization Using OpenGL*. R package. URL: https://cran.r-project.org/web/packages/rgl/index.html.