

Overview of the debate package

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Contents

Introduction	2
Gallery	2
Usage	2
Extracting content and relational from a debate memorial	2
Creating the assembly map	2

Introduction

Gallery

The `debate.example.basic` function provides a working example involving basic functionalities of the `debate` package. Don't hesitate to look at its code and take what you need.

```
# net1 <- debate.example.basic()
# plot(net1)
```

Usage

Extracting content and relational from a debate memorial

Extracting text from a PDF file

Setting a dictionary

Extracting content data

Extracting relational data

Creating the assembly map

The `spnet` package supports maps provided as a `SpatialPolygons` object.

Designing rooms The easiest way to create a room to represent a debate is with the `room.create.grid` function. Here is an example of use:

```
col <- 5
row <- 6
m <- matrix(rep(-1, col*row), nrow = row)
m[1,2:4] <- 0
m[3,c(1,5)] <- 0
m[4,c(1,5)] <- 0
m[5,c(1,5)] <- 0
m[6,c(1,5)] <- 0
m
```

```
##      [,1] [,2] [,3] [,4] [,5]
## [1,]  -1   0   0   0  -1
## [2,]  -1  -1  -1  -1  -1
## [3,]   0  -1  -1  -1   0
## [4,]   0  -1  -1  -1   0
## [5,]   0  -1  -1  -1   0
## [6,]   0  -1  -1  -1   0
```

```
room1 <- room.create.grid(m, seat.width=2, seat.height=1)
spnet.map.plot.position(room1)
```

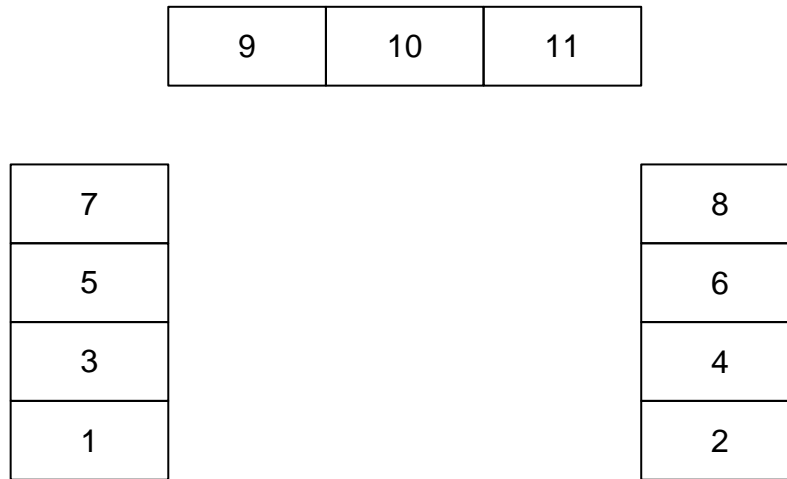


Figure 1: A simple room with table in inversed ‘U’ form