

Package ‘recommenderlabJester’

May 3, 2016

Version 0.1-2

Date 2016-05-02

Title Jester Dataset for 'recommenderlab'

Author Michael Hahsler

Maintainer Michael Hahsler <mhahsler@smu.edu>

Description Provides the Jester Dataset for package recommenderlab.

Depends R (>= 2.10), recommenderlab (>= 0.1.8)

URL <http://lyle.smu.edu/IDA/recommenderlab/>

License GPL-2

Copyright Freely available for research use when acknowledged with the following reference: Eigentaste: A Constant Time Collaborative Filtering Algorithm. Ken Goldberg, Theresa Roeder, Dhruv Gupta, and Chris Perkins. Information Retrieval, 4(2), 133-151. July 2001.

NeedsCompilation no

Repository CRAN

Date/Publication 2016-05-03 01:51:25

R topics documented:

Jester	2
Index	3

Jester

Jester Dataset

Description

The data set contains the anonymous ratings data from the Jester Online Joke Recommender System collected between April 1999 and May 2003.

Usage

```
data(Jester)
```

Format

The format is: Formal class 'realRatingMatrix' [package "recommenderlab"]

Details

24983 x 100 rating matrix (24983 users and 100 jokes) with 1,810,455 ratings between -10.00 and +10.00. All selected users have rated 15 or more jokes.

The text for the jokes are also available as a character vector of length 100 via `data{Jester_text}`.

References

Ken Goldberg, Theresa Roeder, Dhruv Gupta, and Chris Perkins. "Eigentaste: A Constant Time Collaborative Filtering Algorithm." *Information Retrieval*, 4(2), 133-151. July 2001.

Examples

```
data(Jester)
Jester

hist(getRatings(Jester), main="Distribution of ratings")

# what is the best joke? (highest average rating)
data(Jester_text)
best <- which.max(colMeans(Jester))
cat(Jester_text[best])
```

Index

*Topic **datasets**

Jester, [2](#)

Jester, [2](#)

Jester_text (Jester), [2](#)