Package: recommenderlabJester (via r-universe)

July 23, 2024

Version 0.2-0

Date 2022-05-31

Title Jester Dataset for 'recommenderlab'

Description Provides the Jester Dataset for package recommenderlab.

Depends R (>= 3.5.0), recommenderlab (>= 1.0.0)

URL <https://github.com/mhahsler/recommenderlabJester>

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.

Repository https://mhahsler.r-universe.dev

RemoteUrl https://github.com/mhahsler/recommenderlabJester

RemoteRef HEAD

RemoteSha d97e5afa2de641d21436280ba3851ea8cc02ea8e

Contents

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 in JesterJokes.

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)
best <- which.max(colMeans(Jester))
cat(JesterJokes[best])
```

Index