

Package ‘recommenderlabBX’

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Title Book-Crossing Dataset (BX) for 'recommenderlab'

Author Michael Hahsler

Maintainer Michael Hahsler <mhahsler@smu.edu>

Description Provides the Book-Crossing Dataset for the package recommenderlab.

Depends R (>= 2.10), recommenderlab (>= 0.1.3)

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

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Copyright Data is freely available for research use when acknowledged with the following reference: Improving Recommendation Lists Through Topic Diversification, Cai-Nicolas Ziegler, Sean M. McNee, Joseph A. Konstan, Georg Lausen; Proceedings of the 14th International World Wide Web Conference (WWW '05), May 10-14, 2005, Chiba, Japan. To appear.

NeedsCompilation no

Repository CRAN

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BX

Book-Crossing Dataset (BX)

Description

The data set contains a 4-week crawl (August / September 2004) from the Book-Crossing community. Contains 278,858 users (anonymized) providing 1,149,780 ratings (explicit / implicit) about 271,379 books.

Usage

```
data(BX)
data(BXBooks)
```

Format

The format is:

BX: Formal class 'realRatingMatrix' [package "recommenderlab"] BXBooks: data.frame with book meta information (title, author, year, publisher)

Details

44778 x 204680 rating matrix of class 'realRatingMatrix' with 493813 ratings between 0 and 10.

References

Cai-Nicolas Ziegler, Sean M. McNee, Joseph A. Konstan, Georg Lausen, "Improving Recommendation Lists Through Topic Diversification," Proceedings of the 14th International World Wide Web Conference (WWW '05), May 10-14, 2005, Chiba, Japan.

Examples

```
data(BX)
BX
```

```
hist(getRatings(BX), main="Distribution of ratings", breaks=10)
```

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