

The RKEA Package

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Title R/KEA interface

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Description An R interface to KEA (Version 5.0).

Depends rJava (>= 0.5-0), RWeka, Snowball

Imports tm

SystemRequirements Java (>= 5.0)

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createModel	<i>Create a KEA Model</i>
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Description

Create a keyphrase extraction model.

Usage

```
createModel(corpus, keywords, model, voc = "none", vocformat = "")
```

Arguments

corpus	A list of character vectors containing the text documents, e.g., a <code>Corpus</code> object as provided by package <code>tm</code> .
keywords	A list of character vectors containing the keywords for each document in <code>corpus</code> .
model	A character giving the path where the created model should be stored.
voc	A character pointing to a controlled vocabulary.
vocformat	A character giving the format of <code>voc</code> .

Details

A tutorial on keyword extraction is located at <http://www.nzdl.org/Kea/Download/Kea-5.0-Readme.txt>. There you can find details on the internals of KEA, including various parameter settings (e.g., valid arguments for `voc` and `vocformat`).

Value

Invisibly returns `model`, i.e., the path to the created KEA model.

Author(s)

Ingo Feinerer

References

<http://www.nzdl.org/Kea/>

See Also

[extractKeywords](#)

extractKeywords *Extract Keywords*

Description

Extract keywords from text documents.

Usage

```
extractKeywords(corpus, model, voc = "none", vocformat = "")
```

Arguments

corpus	A list of character vectors containing the text documents, e.g., a <code>Corpus</code> object as provided by package <code>tm</code> , used for keyword extraction.
model	A character giving the path to a KEA model.
voc	A character pointing to a controlled vocabulary.
vocformat	A character giving the format of <code>voc</code> .

Details

A tutorial on keyword extraction is located at <http://www.nzdl.org/Kea/Download/Kea-5.0-Readme.txt>. There you can find details on the internals of KEA, including various parameter settings (e.g., valid arguments for `voc` and `vocformat`).

Value

A list of character vectors corresponding to the keywords in `corpus`.

Author(s)

Ingo Feinerer

References

<http://www.nzdl.org/Kea/>

See Also

[createModel](#)

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