Package: NLPutils (via r-universe)

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Title Natural Language Processing Utilities

Description Utilities for Natural Language Processing.

License GPL-2

Imports NLP (>= 0.1-11.3), SnowballC, qdap, utils

NeedsCompilation no

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diversity *Document Diversity Annotator*

Description

Generate an annotator which computes document diversity annotations for English documents using `diversity()` from package **qdap**.

Usage

```
QDAP_Diversity_Annotator()
```

Value

A `Annotator` object giving the generated document diversity annotator.

Examples

```
require("NLP")
doc <- readRDS(system.file("texts", "stanford.rds", package = "NLP"))
s <- content(doc)
a <- annotation(doc)

diversity_annotator <- QDAP_Diversity_Annotator()
diversity_annotator(s, a)
```

formality *Document Formality Annotator*

Description

Generate an annotator which computes document formality annotations for English documents using `formality()` from package **qdap**.

Usage

```
QDAP_Formality_Annotator()
```

Value

A `Annotator` object giving the generated document formality annotator.

Examples

```
require("NLP")
doc <- readRDS(system.file("texts", "stanford.rds", package = "NLP"))
s <- content(doc)
a <- annotation(doc)

formality_annotator <- QDAP_Formality_Annotator()
formality_annotator(s, a)
```

`polarity` *Sentence Polarity Annotator*

Description

Generate an annotator which computes sentence polarity annotations for English documents using `polarity()` from package **qdap**.

Usage

```
QDAP_Polarity_Annotator()
```

Value

A `Annotator` object giving the generated sentence polarity annotator.

Examples

```
require("NLP")
doc <- readRDS(system.file("texts", "stanford.rds", package = "NLP"))
s <- content(doc)
a <- annotation(doc)

polarity_annotator <- QDAP_Polarity_Annotator()
polarity_annotator(s, a)
```

`stem` *Word Stem Annotator*

Description

Generate an annotator which computes word stem annotations using `wordStem()` from package **SnowballC**.

Usage

```
Snowball_Stem_Annotator(language = "porter")
```

Arguments

language	a character string giving the document language. See the documentation for wordStem() for more information.

Value

A Annotator object giving the generated word stem annotator.

Examples

```
require("NLP")
doc <- readRDS(system.file("texts", "stanford.rds", package = "NLP"))
s <- content(doc)
a <- annotation(doc)

stem_annotator <- Snowball_Stem_Annotator()
stem_annotator(s, a)
```

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