MODULE   PACKAGE   **CLASS**   USE   TREE   DEPRECATED   INDEX   HELP

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SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

Module main.hangman
Package read

Class DictMaker

java.lang.Object
    read.DictMaker

```
public class DictMaker
extends Object
```

DictMaker is the class that writes a dictionary's words to a file

Author:

John-Atha

Constructor Summary

Constructors

Constructor	Description
DictMaker(**String** ID, **String** BASEURL, **String** ID_dict)	constructor Creates a `WordsPicker` object to receive an initial list of the description's words Calls the `validate` method

Method Summary

All Methods   Instance Methods   Concrete Methods

Modifier and Type	Method	Description
String	**getBaseurl**()	
String	**getDictId**()	
String	**getId**()	
ArrayList<**String**>	**getWords**()	
void	**setBaseurl** (**String** BASEURL)	
void	**setID**(**String** ID)	
void	**setID_dict** (**String** id_dict)	

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		if one of the four exceptions should be thrown
void	**write**()	creates a new file with the name "medialab/hangman_DICTIONARY-" + this.ID_dict + ".txt" or over-writes it if it already exists writes all the current words (each one in a separate line) or prints the exception and returns if an exception occurs

Methods inherited from class java.lang.**Object**

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

DictMaker

```
public DictMaker(String ID,
                 String BASEURL,
                 String ID_dict)
          throws InvalidCountException,
                 InvalidRangeException,
                 UndersizeException,
                 UnbalancedException,
                 NotFoundException
```

constructor
- Creates a `WordsPicker` object to receive an initial list of the description's words
- Calls the `validate` method

Parameters:

ID - (same usage as the corresponding field)

BASEURL - (same usage as the corresponding field)

ID_dict - (same usage as the corresponding field)

Throws:

InvalidCountException - if there are duplicates in the dictionary

InvalidRangeException - if words with less than 6 letters are included in tha dictionary

Method Detail

getId

```
public String getId()
```

Returns:
current book id

setID

```
public void setID(String ID)
```

Parameters:
ID - to be updated

getBaseurl

```
public String getBaseurl()
```

Returns:
current BASEURL

setBaseurl

```
public void setBaseurl(String BASEURL)
```

Parameters:
BASEURL - to be updated

getDictId

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setID_dict

```
public void setID_dict(String id_dict)
```

Parameters:

id_dict - to be updated

---

getWords

```
public ArrayList<String> getWords()
```

Returns:

current words

---

setWords

```
public void setWords(ArrayList<String> words)
```

Parameters:

words - to be updated

---

validate

```
public void validate() throws InvalidCountException, InvalidRangeException,
UndersizeException, UnbalancedException
```

validates the dictionary
- traverses the words of the dictionary
- checks if one of the four exceptions should be thrown

Throws:

InvalidCountException - if there are duplicates in the dictionary

InvalidRangeException - if words with less than 6 letters are included in tha dictionary

UndersizeException - if number of accepted words is less than 20

UnbalancedException - if less than 20% of the words have more than 9 letters

ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD

- creates a new file with the name "medialab/hangman_DICTIONARY-" + this.ID_dict + ".txt"
- or over-writes it if it already exists
- writes all the current words (each one in a separate line)
- or prints the exception and returns if an exception occurs

ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD