StorageResource

Summary



StorageResource in edu.duke

- You have a library of Iterable classes to support programming and problem-solving
 - Looping over data to solve problems



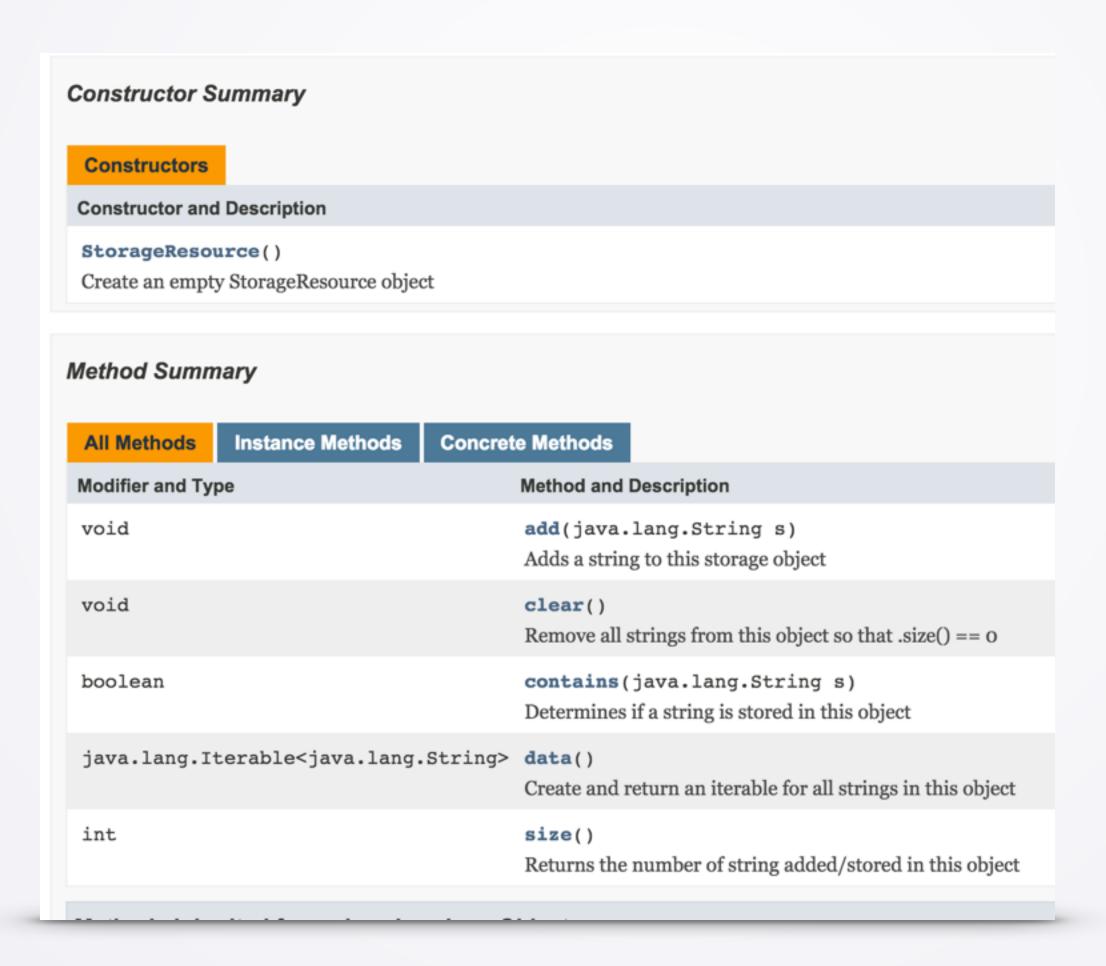


StorageResource in edu.duke

- You have a library of Iterable classes to support programming and problem-solving
 - Looping over data to solve problems
- Often storing intermediate data helps
 - Create an Iterable that you can use!
 - Dynamic, altered as a result of program control
- Results of information finding processed
 - After finding information, using methods



Good review often includes documentation





- Good review often includes documentation
 - Ideally more than method summary, but usage

```
PREV CLASS NEXT CLASS
                            FRAMES NO FRAMES
                                                   ALL CLASSES
SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD
 edu.duke
 Class StorageResource
 java.lang.Object
      edu.duke.StorageResource
  public class StorageResource
 extends java.lang.Object
 A class for storing and accessing String objects that mirrors an ArrayList in some functionality, by
 model of creating and using iterables.
 A StorageResource object supports adding strings using the .add() method, accessing via an it
 accessor methods .size() and .contains() whose functionality is outlined in this documentation.
 As used in the Duke/Coursera course typical usage is
       FileResource fr = new FileResource();
       StorageResource store = new StorageResource();
       for(String s : fr.words()){
            store.add(s);
       // can process store here, e.g.,
       int x = store.size(); // number of strings in store
       for(String s : store.data()){
            // print or process s
```



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 - Constructor

```
FileResource fr = new FileResource("/data/confucius.txt");
StorageResource unique = new StorageResource();
for(String w : fr.words()){
    if (! unique.contains(w)){
        unique.add(w);
    }
}
System.out.println("number of unique words: "+unique.size());
```

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 - .add() and .contains()

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 - Constructor
 - .add() and .contains()
 - .size()

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