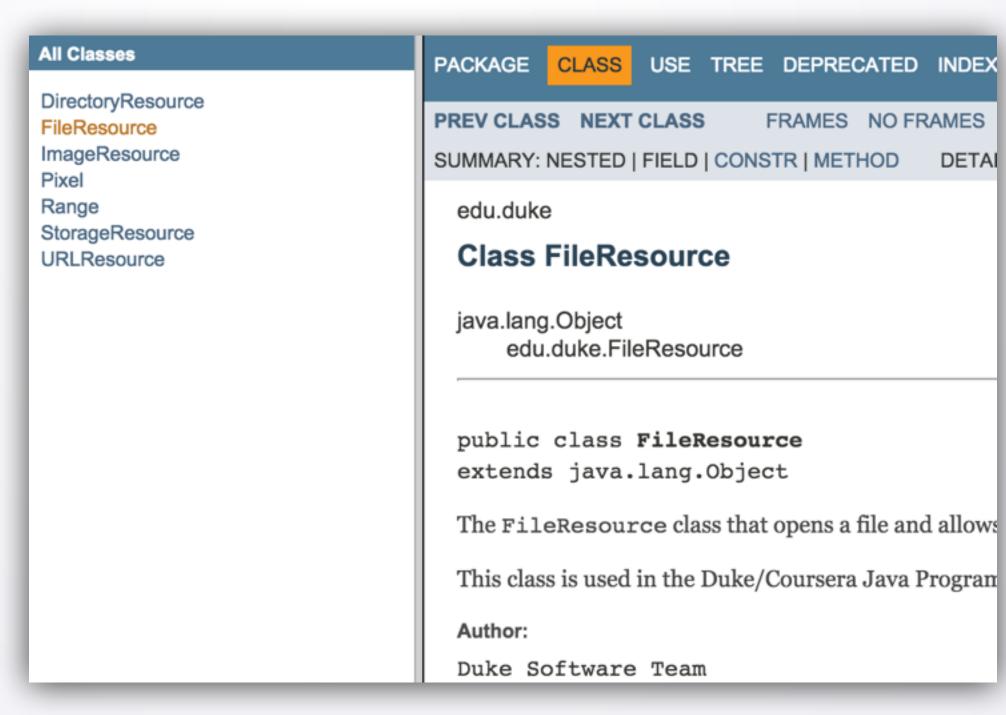
Iterables Summary

Understanding an Iterable in Java



Iterables in edu.duke Library

- You have used two Iterables in edu.duke library: FileResource, URLResource
 - Understand by example use
 - Read documentation
- Java Libraries
 - java.lang
 - edu.duke
 - more later





edu.duke.FileResource

- Construct an object using new
 - From a File or a String that's name of a file
- Access contents of file via FileResource
 - one line-at-a-time: lines()
 - one word-at-a-time: words ()
 - entire file as a String: asString()

```
public void sayHello(){
    FileResource hello = new FileResource("hello_unicode.txt");
    for(String line : hello.lines() ){
        System.out.println(line);
    }
}
```



edu.duke.URLResource

- Construct an object using new
 - From a String that's a valid URL
- Access contents of URL via URLResource
 - one line-at-a-time: lines()
 - one word-at-a-time: words ()
 - entire file as a String: asString()

```
public void sayHello(){
    URLResource hello = new URLResource("http://nytimes.com");
    for(String line : hello.lines() ){
        System.out.println(line);
    }
}
```

