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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/rain/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Recording.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/rain/RainAppListener.html)   [**NEXT CLASS**](http://docs.google.com/rain/ShoppingCart.html) | [**FRAMES**](http://docs.google.com/index.html?rain/Recording.html)    [**NO FRAMES**](http://docs.google.com/Recording.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#3rdcrjn) |

## **rain**

Class Recording

[java.lang.Object](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html)  
 [rain.Product](http://docs.google.com/rain/Product.html)  
 **rain.Recording**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/docs/jdk_docs/api/java/io/Serializable.html), [Comparable](http://docs.google.com/docs/jdk_docs/api/java/lang/Comparable.html) **Direct Known Subclasses:** [MusicRecording](http://docs.google.com/rain/MusicRecording.html), [VideoRecording](http://docs.google.com/rain/VideoRecording.html)

public abstract class **Recording**extends [Product](http://docs.google.com/rain/Product.html)implements [Comparable](http://docs.google.com/docs/jdk_docs/api/java/lang/Comparable.html)

This class represents a Recording. It describes the recording title, price, category, imageName and duration.

Subclasses must implement the method getDuration() to return the total duration for the recording.

**Author:** 570 Development Team **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#rain.Recording)

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| **Constructor Summary** | |
| [**Recording**](http://docs.google.com/rain/Recording.html#Recording())()            Basic default constructor |
| [**Recording**](http://docs.google.com/rain/Recording.html#Recording(java.lang.String,%20double,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle, double thePrice, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName)            Constructs a recording w/ given parameter values |
| [**Recording**](http://docs.google.com/rain/Recording.html#Recording(java.lang.String,%20double,%20java.lang.String,%20java.lang.String,%20int))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle, double thePrice, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName, int theRecordingId)            Constructs a recording w/ given parameter values |
| [**Recording**](http://docs.google.com/rain/Recording.html#Recording(java.lang.String,%20double,%20java.lang.String,%20java.lang.String,%20int,%20int))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle, double thePrice, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory, [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName, int theRecordingId, int theStockCount)            Constructs a recording w/ given parameter values |

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| **Method Summary** | |
| int | [**compareTo**](http://docs.google.com/rain/Recording.html#compareTo(java.lang.Object))([Object](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html) object)            Allow us to sort the recordings by title |
| [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) | [**getCategory**](http://docs.google.com/rain/Recording.html#getCategory())()            Returns the recording category |
| abstract  [Duration](http://docs.google.com/rain/Duration.html) | [**getDuration**](http://docs.google.com/rain/Recording.html#getDuration())()            Returns the recording duration. |
| int | [**getId**](http://docs.google.com/rain/Recording.html#getId())()            Returns the recording id. |
| [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) | [**getImageName**](http://docs.google.com/rain/Recording.html#getImageName())()            Returns the recording image name |
| [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) | [**getName**](http://docs.google.com/rain/Recording.html#getName())()            Returns the name of the product |
| double | [**getPrice**](http://docs.google.com/rain/Recording.html#getPrice())()            Returns the recording price |
| int | [**getStockCount**](http://docs.google.com/rain/Recording.html#getStockCount())()            Returns the stock count - quantity on hand |
| [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) | [**getTitle**](http://docs.google.com/rain/Recording.html#getTitle())()            Returns the recording title |
| boolean | [**isInStock**](http://docs.google.com/rain/Recording.html#isInStock())()            Returns true if the product is in stock |
| void | [**setCategory**](http://docs.google.com/rain/Recording.html#setCategory(java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory)            Sets the recording category |
| void | [**setId**](http://docs.google.com/rain/Recording.html#setId(int))(int theRecordingId)            Sets the recording id |
| void | [**setImageName**](http://docs.google.com/rain/Recording.html#setImageName(java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName)            Sets the recording image name |
| void | [**setName**](http://docs.google.com/rain/Recording.html#setName(java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theName)            Sets the name / title |
| void | [**setPrice**](http://docs.google.com/rain/Recording.html#setPrice(double))(double thePrice)            Sets the recording price |
| void | [**setStockCount**](http://docs.google.com/rain/Recording.html#setStockCount(int))(int theCount)            Sets the stock count |
| void | [**setTitle**](http://docs.google.com/rain/Recording.html#setTitle(java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle)            Sets the recording title |

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| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html) |
| [clone](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#clone()), [equals](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#toString()), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait()), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait(long,%20int)) |

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| **Constructor Detail** |

### Recording

public **Recording**()

Basic default constructor

### Recording

public **Recording**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle,  
 double thePrice,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName)

Constructs a recording w/ given parameter values

### Recording

public **Recording**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle,  
 double thePrice,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName,  
 int theRecordingId)

Constructs a recording w/ given parameter values

### Recording

public **Recording**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle,  
 double thePrice,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory,  
 [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName,  
 int theRecordingId,  
 int theStockCount)

Constructs a recording w/ given parameter values

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| **Method Detail** |

### getDuration

public abstract [Duration](http://docs.google.com/rain/Duration.html) **getDuration**()

Returns the recording duration. Subclasses must override this method to return the total duration.

### getTitle

public [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) **getTitle**()

Returns the recording title

### setTitle

public void **setTitle**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theTitle)

Sets the recording title

### getPrice

public double **getPrice**()

Returns the recording price

**Specified by:**[getPrice](http://docs.google.com/rain/Product.html#getPrice()) in class [Product](http://docs.google.com/rain/Product.html)

### setPrice

public void **setPrice**(double thePrice)

Sets the recording price

**Specified by:**[setPrice](http://docs.google.com/rain/Product.html#setPrice(double)) in class [Product](http://docs.google.com/rain/Product.html)

### getCategory

public [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) **getCategory**()

Returns the recording category

### setCategory

public void **setCategory**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theCategory)

Sets the recording category

### getImageName

public [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) **getImageName**()

Returns the recording image name

### setImageName

public void **setImageName**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theImageName)

Sets the recording image name

### getId

public int **getId**()

Returns the recording id.

**Specified by:**[getId](http://docs.google.com/rain/Product.html#getId()) in class [Product](http://docs.google.com/rain/Product.html)

### setId

public void **setId**(int theRecordingId)

Sets the recording id

**Specified by:**[setId](http://docs.google.com/rain/Product.html#setId(int)) in class [Product](http://docs.google.com/rain/Product.html)

### getName

public [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) **getName**()

Returns the name of the product

**Specified by:**[getName](http://docs.google.com/rain/Product.html#getName()) in class [Product](http://docs.google.com/rain/Product.html)

### setName

public void **setName**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theName)

Sets the name / title

**Specified by:**[setName](http://docs.google.com/rain/Product.html#setName(java.lang.String)) in class [Product](http://docs.google.com/rain/Product.html)

### getStockCount

public int **getStockCount**()

Returns the stock count - quantity on hand

**Specified by:**[getStockCount](http://docs.google.com/rain/Product.html#getStockCount()) in class [Product](http://docs.google.com/rain/Product.html)

### setStockCount

public void **setStockCount**(int theCount)

Sets the stock count

### isInStock

public boolean **isInStock**()

Returns true if the product is in stock

**Specified by:**[isInStock](http://docs.google.com/rain/Product.html#isInStock()) in class [Product](http://docs.google.com/rain/Product.html)

### compareTo

public int **compareTo**([Object](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html) object)

Allow us to sort the recordings by title

**Specified by:**[compareTo](http://docs.google.com/docs/jdk_docs/api/java/lang/Comparable.html#compareTo(T)) in interface [Comparable](http://docs.google.com/docs/jdk_docs/api/java/lang/Comparable.html)

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/rain/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Recording.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/rain/RainAppListener.html)   [**NEXT CLASS**](http://docs.google.com/rain/ShoppingCart.html) | [**FRAMES**](http://docs.google.com/index.html?rain/Recording.html)    [**NO FRAMES**](http://docs.google.com/Recording.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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