

Class Dvd

java.lang.Object
Item
Dvd

All Implemented Interfaces:

Borrowable

```
public class Dvd
extends Item
```

This is a simple Dvd class extends from Item class.

Constructor Summary

Constructors	
Constructor	Description
Dvd(Dvd dvd)	The dvd object.
Dvd(String type, int id, String title, boolean borrowed, String publisher, int duration)	Parameterized constructor to initialize a Item object with given values for id, type, title, year, borrowed.

Method Summary

All Methods	Instance Methods	Concrete Methods	
Modifier and Type	Method	Description	
void	changepublisher(String newName)	Method to change the publisher of the dvd.	
void	changeVersion(int newDuration)	Method to change the version of the dvd.	
Dvd	clone()	This method creates a deep copy of this object.	
int	getDuration()	Method to return the duration of the dvd.	
String	getpublisher()	Method to return the publisher of the dvd.	
String	getType()	Method to return the type of the item.	
void	printInfo()	Method to print the information of the DVD	

String **toString()**

Method to show how to print inside the test file.

Methods inherited from class **Item**

borrow, changeTitle, changeType, checkItem, compareBorrow, compareReturn, equals, getBorrowed, getId, getTitle, isAvailable, isUnavailable, returnItem

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

getClass , hashCode , notify , notifyAll , wait , wait , wait

Constructor Details

Dvd

```
public Dvd(String type,
           int id,
           String title,
           boolean borrowed,
           String publisher,
           int duration)
```

Parameterized constructor to initialize a Item object with given values for id, type, title, year, borrowed.

Parameters:

id - The id of the dvd.

type - The type of the dvd.

title - The title of the dvd.

borrowed - The flag to check whether this dvd is borrowed or not.

publisher - The publisher of the dvd.

duration - The duration of the dvd.

Dvd

```
public Dvd(Dvd dvd)
```

The dvd object.

Parameters:

dvd - The dvd object.

Method Details

getpublisher

```
public String getpublisher()
```

Method to return the publisher of the dvd.

Returns:

a string value.

getDuration

```
public int getDuration()
```

Method to return the duration of the dvd.

Returns:

a integer value.

changepublisher

```
public void changepublisher(String newName)
```

Method to change the publisher of the dvd.

Parameters:

newName - The new name of the publisher.

changeVersion

```
public void changeVersion(int newDuration)
```

Method to change the version of the dvd.

Parameters:

newDuration - the new duration of the dvd.

getType

```
public String getType()
```

Method to return the type of the item.

Overrides:

`getType` in class `Item`

Returns:

a string value.

clone

```
public Dvd clone()
```

This method creates a deep copy of this object.

Overrides:

`clone` in class `Item`

Returns:

a deep copy of this object.

toString

```
public String toString()
```

Method to show how to print inside the test file.

Overrides:

`toString` in class `Item`

Returns:

a string value.

printInfo

```
public void printInfo()
```

Method to print the information of the DVD

Overrides:

`printInfo` in class `Item`