

Class Resource

java.lang.Object
Resource

Direct Known Subclasses:

Book, ElectronicResource

```
public class Resource
extends Object
```

A class detailing physical and electronic resources available in a library.

Version:

1.0

Author:

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Constructor Summary

Constructors

Constructor	Description
<code>Resource(String resourceAuthor, String resourceTitle, boolean isAvailable)</code>	Constructor for objects of class Resource

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method	Description
void	<code>addDamage(String newDamage)</code>	Add new damage to the resource.
String	<code>getAuthor()</code>	Get the author of the resource.
LibraryMember	<code>getCurrentHolder()</code>	Get the current holder of a resource.
String	<code>getDamages()</code>	Get the damages of the resource.
String	<code>getDetails()</code>	Get the details of the resource.

void	printDetails()	Print the details of a resource.
void	setAuthor (String updateAuthor)	Set the author of the resource.
void	setCurrentHolder (LibraryMember newHolder)	Set the library member who is now holding the resource if it is available.
void	setDamage (String setDamage)	Set the damage of a resource.
void	setIsbn (String updateIsbn)	Set the ISBN of a resource.
void	setTitle(String setTitle)	Set the title of a resource.

Methods inherited from class java.lang.Object

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

Constructor Detail

Resource

```
public Resource(String resourceAuthor,  
               String resourceTitle,  
               boolean isAvailable)
```

Constructor for objects of class Resource

Parameters:

- resourceAuthor - The resource's author.
- resourceTitle - The resource's title.
- isAvailable - If the resource is currently available.

Method Detail

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```
public String getAuthor()
```

Get the author of the resource.

Returns:

The resource's author.

setTitle

```
public void setTitle(String setTitle)
```

Set the title of a resource.

Parameters:`setTitle` - The resource's title.**getTitle**

```
public String getTitle()
```

Get the title of the resource.

Returns:

The resource's title.

setIsbn

```
public void setIsbn(String updateIsbn)
```

Set the ISBN of a resource.

Parameters:`updateIsbn` - The resource's ISBN.

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Get the ISBN of a resource.

Returns:

The resource's ISBN.

setCurrentHolder

```
public void setCurrentHolder(LibraryMember newHolder)
```

Set the library member who is now holding the resource if it is available.

Parameters:

`newHolder` - The library member now holding the resource.

getCurrentHolder

```
public LibraryMember getCurrentHolder()
```

Get the current holder of a resource.

Returns:

The current holder of the resource.

setDamage

```
public void setDamage(String setDamage)
```

Set the damage of a resource.

Parameters:

`setDamage` - The damage to record.

addDamage

```
public void addDamage(String newDamage)
```

Add new damage to the resource.

Parameters:

[PACKAGE](#) [CLASS](#) [TREE](#) [INDEX](#) [HELP](#)[ALL CLASSES](#)SEARCH: [SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)[DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)**getDamages**

```
public String getDamages()
```

Get the damages of the resource.

Returns:

Damages of the resource.

getDetails

```
public String getDetails()
```

Get the details of the resource.

printDetails

```
public void printDetails()
```

Print the details of a resource.

isAvailableNow

```
public boolean isAvailableNow()
```

A method to check if a resource is available.

Returns:

True if available, otherwise false.

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