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Class ArticleGroup

java.lang.Object
obj.ArticleGroup

public class ArticleGroup
extends Object

The ArticleGroup class represents a group of help articles organized by topic. Staff members can use groups to categorize and manage help content efficiently.

This class provides functionality to:

- Create article groups with names and descriptions
- Add and remove articles from groups
- Update group information
- Track articles within each group

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Constructor Summary

Constructors

Constructor	Description
ArticleGroup (int groupId, String groupName, String description)	Constructs an ArticleGroup with the specified details.

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method	Description
boolean	addArticle (long articleId	Adds an article to this group.
void	clearArticles()	Clears all articles from this group.
boolean	containsArticle (long articleId	Checks if this group contains a specific article.
boolean	equals (Object obj)	Checks if this ArticleGroup is equal to another object.
int	getArticleCount	Gets the number of articles in this group.
List < Long >	getArticleIds()	Gets the list of article IDs in this group.
String	getDescription()	Gets the description of this article group.
int	getGroupId()	Gets the unique identifier of this group.
String	getGroupName()	Gets the name of this article group.
int	hashCode()	Returns a hash code for this ArticleGroup.
boolean	removeArticle (long articleId	Removes an article from this group.

void	setDescription (String description)	Sets the description of this article group.
void	setGroupName (String groupName)	Sets the name of this article group.
String	toString()	Returns a string representation of this ArticleGroup.

Methods inherited from class [java.lang.Object](#)

[clone](#), [finalize](#), [getClass](#), [notify](#), [notifyAll](#), [wait](#), [wait](#), [wait](#)

Constructor Details

ArticleGroup

```
public ArticleGroup(int groupId,  
                    String groupName,  
                    String description)
```

Constructs an ArticleGroup with the specified details.

Parameters:

groupId - The unique identifier for this group

groupName - The name of the article group

description - A description of what this group contains

Throws:

[IllegalArgumentException](#) - if groupName is null or empty

[IllegalArgumentException](#) - if description is null or empty

Method Details

getGroupId

```
public int getGroupId()
```

Gets the unique identifier of this group.

Returns:

The group ID

getGroupName

```
public String getGroupName()
```

Gets the name of this article group.

Returns:

The group name

setGroupName

```
public void setGroupName(String groupName)
```

Sets the name of this article group.

Parameters:

groupName - The new group name

Throws:

[IllegalArgumentException](#) - if groupName is null or empty

getDescription

```
public String getDescription()
```

Gets the description of this article group.

Returns:

The group description

setDescription

```
public void setDescription  
(String description)
```

Sets the description of this article group.

Parameters:

description - The new description

Throws:

[IllegalArgumentException](#) - if description is null or empty

getArticleIds

```
public List<Long> getArticleIds()
```

Gets the list of article IDs in this group. Returns a copy to prevent external modification.

Returns:

A copy of the list of article IDs

addArticle

```
public boolean addArticle(long articleId)
```

Adds an article to this group.

Parameters:

articleId - The ID of the article to add

Returns:

true if the article was added, false if it was already in the group

removeArticle

```
public boolean removeArticle(long articleId)
```

Removes an article from this group.

Parameters:

articleId - The ID of the article to remove

Returns:

true if the article was removed, false if it wasn't in the group

containsArticle

```
public boolean containsArticle  
(long articleId)
```

Checks if this group contains a specific article.

Parameters:

articleId - The ID of the article to check

Returns:

true if the article is in this group, false otherwise

getArticleCount

```
public int getArticleCount()
```

Gets the number of articles in this group.

Returns:

The count of articles in this group

clearArticles

```
public void clearArticles()
```

Clears all articles from this group. The group itself remains but becomes empty.

toString

```
public String↗ toString()
```

Returns a string representation of this ArticleGroup.

Overrides:

[toString](#)[↗] in class [Object](#)[↗]

Returns:

A string containing the group's ID, name, description, and article count

equals

```
public boolean equals(Object obj)
```

Checks if this ArticleGroup is equal to another object. Two ArticleGroups are equal if they have the same groupId.

Overrides:

[equals](#) in class [Object](#)

Parameters:

obj - The object to compare with

Returns:

true if the objects are equal, false otherwise

hashCode

```
public int hashCode()
```

Returns a hash code for this ArticleGroup.

Overrides:

[hashCode](#) in class [Object](#)

Returns:

The hash code based on the groupId