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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
<a href="#">ArticleGroup (int groupId, String groupName, String description)</a>	Constructs an ArticleGroup with the specified details.

## Method Summary

**All Methods****Instance Methods****Concrete Methods**

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

void	<a href="#">setDescription(<string> description)</string></a>	Sets the description of this article group.
void	<a href="#">setGroupName(<string> groupName)</string></a>	Sets the name of this article group.
<a href="#">String</a>	<a href="#">toString()</a>	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<sup>✉</sup>](#) - 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