Package me.miles.matthew.spaceflight.Utils

Class Queue<Type>

java.lang.Object
    me.miles.matthew.spaceflight.Utils.Queue<Type>

```
public class Queue<Type>
extends java.lang.Object
```

Constructor Summary

Constructors

Constructor	Description
Queue()	Creates an empty queue

Method Summary

All Methods	Instance Methods	Concrete Methods

Modifier and Type	Method	Description
void	add(Type item)	Adds an item to the end of the queue
void	clear()	Remove all items from the queue
Type	get(int index)	Gets the item at a certain index
Type[]	getQueue()	Returns the entire queue in it's current form
Type	pop()	Remove and return the item at the front of the queue
int	size()	Find the current size of the queue

Methods inherited from class java.lang.Object

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

Constructor Details

Queue

```
public Queue()
```

Creates an empty queue

Method Details

getQueue

```
public Type[] getQueue()
```

Returns the entire queue in it's current form

Returns:

the queue as an array

add

```
public void add(Type item)
```

Adds an item to the end of the queue

get

```
public Type get(int index)
```

Gets the item at a certain index

pop

```
public Type pop()
```

Remove and return the item at the front of the queue

Returns:

the item at the ned fo the queue

size

```
public int size()
```

Find the current size of the queue

Returns:

The size of the queue

clear

```
public void clear()
```

Remove all items from the queue