

ultramirinc.champs_mood.models

Class Break

java.lang.Object
ultramirinc.champs_mood.models.Break

All Implemented Interfaces:

java.lang.Comparable<Break>

```
public class Break
extends java.lang.Object
implements java.lang.Comparable<Break>
```

Created by Etienne Berube on 2017-03-28. This is the object that contains all the information and methods for a Break

Field Summary

Fields

Modifier and Type	Field and Description
private java.lang.String	day The day of the break
private Time	end Contains the at which the break ends
private java.lang.String	Id The Id of the Break
private int	intDay The integer representation of the day
private Time	start Contains the time at which the break starts
private java.lang.String	userId The user's ID in the database

Constructor Summary

Constructors

Constructor and Description

Break()

Break(**Time** start, **Time** end,
java.lang.String day,
java.lang.String relatedUserId)

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
int	compareTo (Break o) Determines is a break is before or after another break.
boolean	equals (java.lang.Object o) Returns whether or not two breaks are the same.
java.lang.String	getDay () Getter for the day.
Time	getEnd () Getter for the end time.
java.lang.String	getFromTime () Returns a string interpretation of the starting time.
java.lang.String	getId () Getter for ID.
int	getIntDay () Getter for the integer representation of the day.
Time	getStart () Getter for the starting time.
Time	getTimeDifference () Returns the time difference between two breaks.
java.lang.String	getToTime () Returns a string interpretation of the ending time.

java.lang.String	getUserId() Getter for the UserID
void	setDay (java.lang.String day) Setter for the day.
void	setEnd (Time end) Setter for the end time.
void	setId (java.lang.String id) Setter for ID.
void	setIntDay (int intDay) Setter for the integer representation of the day.
void	setStart (Time start) Setter for the starting time.
void	setUserId (java.lang.String userId) Setter for the the UserID

Methods inherited from class java.lang.Object

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

Field Detail

start

```
private Time start
```

Contains the time at which the break starts

end

```
private Time end
```

Contains the at which the break ends

day

```
private java.lang.String day
```

The day of the break

userId

```
private java.lang.String userId
```

The user's ID in the database

intDay

```
private int intDay
```

The integer representation of the day

Id

```
private java.lang.String Id
```

The Id of the Break

Constructor Detail

Break

```
public Break()
```

Break

```
public Break(Time start,
             Time end,
             java.lang.String day,
             java.lang.String relatedUserId)
```

Method Detail

setId

```
public void setId(java.lang.String id)
```

Setter for ID.

getId

```
public java.lang.String getId()
```

Getter for ID.

getStart

```
public Time getStart()
```

Getter for the starting time.

setStart

```
public void setStart(Time start)
```

Setter for the starting time.

getFromTime

```
public java.lang.String getFromTime()
```

Returns a string interpretation of the starting time.

getEnd

```
public Time getEnd()
```

Getter for the end time.

setEnd

```
public void setEnd(Time end)
```

Setter for the end time.

getToTime

```
public java.lang.String getToTime()
```

Returns a string interpretation of the ending time.

getDay

```
public java.lang.String getDay()
```

Getter for the day.

setDay

```
public void setDay(java.lang.String day)
```

Setter for the day.

getIntDay

```
public int getIntDay()
```

Getter for the integer representation of the day.

setIntDay

```
public void setIntDay(int intDay)
```

Setter for the integer representation of the day.

getUserId

```
public java.lang.String getUserId()
```

Getter for the UserID

setUserId

```
public void setUserId(java.lang.String userId)
```

Setter for the the UserID

equals

```
public boolean equals(java.lang.Object o)
```

Returns whether or not two breaks are the same.

Overrides:

equals in class java.lang.Object

compareTo

```
public int compareTo(@NonNull  
                    Break o)
```

Determines is a break is before or after another break.

Specified by:

compareTo in interface java.lang.Comparable<Break>

getTimeDifference

```
public Time getTimeDifference()
```

Returns the time difference between two breaks.

