JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/BoardCell.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev Class
* [Next Class](http://docs.google.com/model/ClearCellGame.html)
* [Frames](http://docs.google.com/index.html?model/BoardCell.html)
* [No Frames](http://docs.google.com/BoardCell.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* [Enum Constants](#3znysh7) |
* Field |
* [Method](#2et92p0)
* Detail:
* [Enum Constants](#1t3h5sf) |
* Field |
* [Method](#lnxbz9)

model

## Enum BoardCell

* java.lang.Object
  + java.lang.Enum<[BoardCell](http://docs.google.com/model/BoardCell.html)>
    - model.BoardCell
* All Implemented Interfaces: java.io.Serializable, java.lang.Comparable<[BoardCell](http://docs.google.com/model/BoardCell.html)>  
    
  public enum BoardCell  
  extends java.lang.Enum<[BoardCell](http://docs.google.com/model/BoardCell.html)>  
  This enumerated type represents a board cell. A board cell has a color (based on Color) and a name (e.g., "R").Author: Dept of Computer Science, UMCP

### Enum Constant SummaryEnum Constants

|  |
| --- |
| * + Enum Constant and Description |
| * + [**BLUE**](http://docs.google.com/model/BoardCell.html#BLUE) |
| * + [**EMPTY**](http://docs.google.com/model/BoardCell.html#EMPTY) |
| * + [**GREEN**](http://docs.google.com/model/BoardCell.html#GREEN) |
| * + [**RED**](http://docs.google.com/model/BoardCell.html#RED) |
| * + [**YELLOW**](http://docs.google.com/model/BoardCell.html#YELLOW) |

### Method SummaryMethods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + java.awt.Color | * + [**getColor**](http://docs.google.com/model/BoardCell.html#getColor())() |
| * + java.lang.String | * + [**getName**](http://docs.google.com/model/BoardCell.html#getName())() |
| * + static [BoardCell](http://docs.google.com/model/BoardCell.html) | * + [**getNonEmptyRandomBoardCell**](http://docs.google.com/model/BoardCell.html#getNonEmptyRandomBoardCell(java.util.Random))(java.util.Random random) Generates a random BoardCell using the specified Random object. |
| * + static int | * + [**getTotalColors**](http://docs.google.com/model/BoardCell.html#getTotalColors())() |
| * + static [BoardCell](http://docs.google.com/model/BoardCell.html) | * + [**valueOf**](http://docs.google.com/model/BoardCell.html#valueOf(java.lang.String))(java.lang.String name) Returns the enum constant of this type with the specified name. |
| * + static [BoardCell](http://docs.google.com/model/BoardCell.html)[] | * + [**values**](http://docs.google.com/model/BoardCell.html#values())() Returns an array containing the constants of this enum type, in the order they are declared. |

### Methods inherited from class java.lang.EnumcompareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

### Methods inherited from class java.lang.ObjectgetClass, notify, notifyAll, wait, wait, wait

### Enum Constant Detail

#### RED public static final [BoardCell](http://docs.google.com/model/BoardCell.html) RED

#### GREEN public static final [BoardCell](http://docs.google.com/model/BoardCell.html) GREEN

#### BLUE public static final [BoardCell](http://docs.google.com/model/BoardCell.html) BLUE

#### YELLOW public static final [BoardCell](http://docs.google.com/model/BoardCell.html) YELLOW

#### EMPTY public static final [BoardCell](http://docs.google.com/model/BoardCell.html) EMPTY

### Method Detail

#### values public static [BoardCell](http://docs.google.com/model/BoardCell.html)[] values() Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows: for (BoardCell c : BoardCell.values())   System.out.println(c); Returns:an array containing the constants of this enum type, in the order they are declared

#### valueOf public static [BoardCell](http://docs.google.com/model/BoardCell.html) valueOf(java.lang.String name) Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)Parameters:name - the name of the enum constant to be returned. Returns:the enum constant with the specified name Throws: java.lang.IllegalArgumentException - if this enum type has no constant with the specified name java.lang.NullPointerException - if the argument is null

#### getColor public java.awt.Color getColor()

#### getName public java.lang.String getName()

#### getTotalColors public static int getTotalColors()

#### getNonEmptyRandomBoardCell public static [BoardCell](http://docs.google.com/model/BoardCell.html) getNonEmptyRandomBoardCell(java.util.Random random) Generates a random BoardCell using the specified Random object.Parameters:random - Returns:random BoardCell

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/BoardCell.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev Class
* [Next Class](http://docs.google.com/model/ClearCellGame.html)
* [Frames](http://docs.google.com/index.html?model/BoardCell.html)
* [No Frames](http://docs.google.com/BoardCell.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* [Enum Constants](#3znysh7) |
* Field |
* [Method](#2et92p0)
* Detail:
* [Enum Constants](#1t3h5sf) |
* Field |
* [Method](#lnxbz9)