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## Package modele

#### Class Border

java.lang.Object modele.Occupant modele.Border

#### **All Implemented Interfaces:**

Questionable

public class Border
extends Occupant

A Border is an Occupant that can be found all around the grid. It makes the Character bounce when it hits it.

# **Constructor Summary**

**Constructors** 

Constructor Description

**Border**(**Position** position) Creates a new Border at the given Position.

# **Method Summary**

All Methods Instance Methods Concrete Methods

Modifier and Type Method Description

void **process** Makes the given Character bounce when

(**Character** m) it hits the Border.

java.lang.String toString() Get the String representation of a Border.

## Methods inherited from class modele. Occupant

equals, getCol, getPosition, getRow, isStepEnabled, setPosition

# Methods inherited from class java.lang.Object

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#### **Constructor Detail**

#### **Border**

public Border(Position position)

Creates a new Border at the given Position.

#### **Parameters:**

position - The Position of the new Border.

## **Method Detail**

#### process

public void process(Character m)

Makes the given Character bounce when it hits the Border. if the Character is going in a diagonal direction, it will bounce in the opposite diagonal direction. that direction is determined by a logical formula to avoid the repetition of code.

## Specified by:

process in interface Questionable

# Specified by:

process in class Occupant

#### **Parameters:**

m - The Character that hits the Border.

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Specified by:

toString in class Occupant

**Returns:** 

The String representation of a Border: '#'.

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