de.marioehkart.marioehkarte.Section Class Reference

This class represents a section of a map containing rails and their coordinates. More...

Public Member Functions

	Section (**Coordinates** start, int amount)
	Constructor for the **Section** class.
void	**addRail** (**Rail** rail)
	Adds a rail to the section.
Coordinates	**position** (double distance)
double	**length** ()
	Gets the total length of the section.

Detailed Description

This class represents a section of a map containing rails and their coordinates.

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1.1.5

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Constructor & Destructor Documentation

◆ Section()

de.marioehkart.marioehkarte.Section.Section (**Coordinates** start,

int amount)

Constructor for the **Section** class.

Parameters

start	The starting coordinates of the section.
amount	The number of rails in the section.

Member Function Documentation

◆ addRail()

void de.marioehkart.marioehkarte.Section.addRail (**Rail** rail)

Adds a rail to the section.

Parameters

> **rail** The rail to be added.

Exceptions

> **IllegalArgumentException** if more rails than the initialized amount shall be added.

This method adds a rail to the section and increases the total length of the section.

◆ length()

double de.marioehkart.marioehkarte.Section.length ( )

Gets the total length of the section.

Returns

> The total length of the section.

◆ position()

Coordinates de.marioehkart.marioehkarte.Section.position (double distance)

@ brief Get the coordinate on any position of the section.

Parameters

> **distance** The distance along the section from the start position.

Returns

> The coordinates at the specified distance along the section.

Exceptions

> **IllegalArgumentException** if the parameter distance exceeds the total length of the section.

The documentation for this class was generated from the following file:

- /Users/bmmli.jl/Dokumente/PlatformIO/Projects/Marioehh-Kart_Interface/MarioehKartServer/MarioehKarte/src/de/marioehkart/marioehkarte/**Section.java**