

Töltésjáték

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Tue Nov 28 2017

Hierarchical Index

Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Class Index

Class List

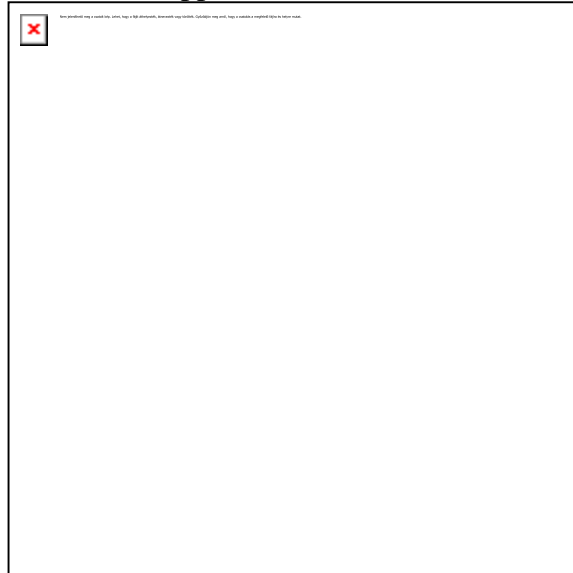
Here are the classes, structs, unions and interfaces with brief descriptions:

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Class Documentation

Control.Application Class Reference

Inheritance diagram for Control.Application:



Public Member Functions

- void **update** (JPanel newPanel)

Static Public Member Functions

- static void **main** (String[] args)

Static Public Attributes

- static final int **SLOWING** = 3
- static final int **FORCE** = 5000

Detailed Description

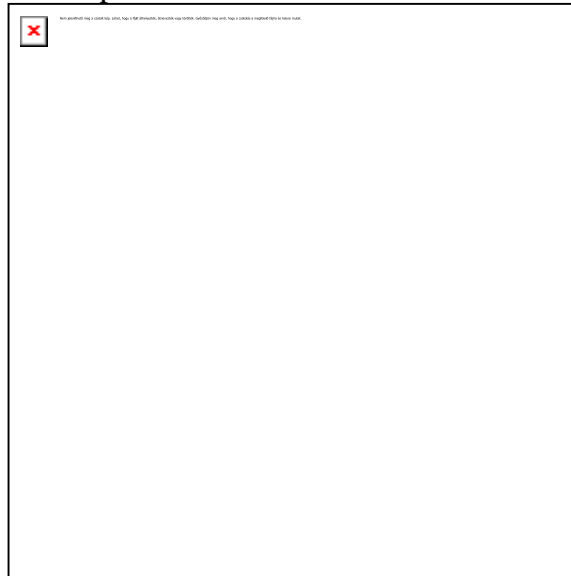
a futó alkalmazás

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

- src/Control/Application.java

Graphics.Bulb Class Reference

Inheritance diagram for Graphics.Bulb:



Public Member Functions

- **Bulb** (**Point** *position*)
- **Point** *getPosition* ()
- boolean **isDragged** (**Point** *inPosition*)
- void **draggedTo** (**Point** *position*)

Additional Inherited Members

Detailed Description

Lehelyezett töltés

Constructor & Destructor Documentation

Graphics.Bulb.Bulb (**Point** *position*)

Konstruktor

Parameters:

<i>position</i>	
-----------------	--

Member Function Documentation

void Graphics.Bulb.draggedTo (**Point** *position*)

vonszoló függvény implementálása

Parameters:

<i>position</i>	
-----------------	--

Implements **Model.Draggable** (*p.11*).

boolean Graphics.Bulb.isDragged (Point *inPosition*)

Öt fogták-e meg

Parameters:

<i>inPosition</i>	
-------------------	--

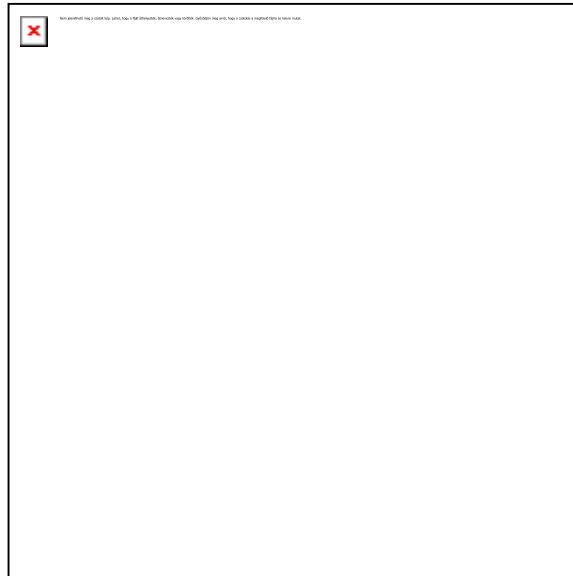
Implements **Model.Draggable** (*p.11*).

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

- src/Graphics/Bulb.java

Model.Collidable Interface Reference

Inheritance diagram for Model.Collidable:



Public Member Functions

- `void collideWith (Graphics.Particle p)` throws `HitWallException`, `EndGameException`

Detailed Description

Interfész ütköztethető objektumok heterogén kollekciójához

Member Function Documentation

`void Model.Collidable.collideWith (Graphics.Particle p)` throws `HitWallException`, `EndGameException`

!ÜTKÖZÉSELLENŐRZŐ! és ütközést szimuláló függvény

Parameters:

<i>p</i>	
----------	--

Exceptions:

<i>EndGameExceptio n</i>	
------------------------------	--

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

- `src/Model/Collidable.java`

Control.Collider Class Reference

Static Public Member Functions

- static void **collide** (List< **Collidable** > collidables, **Particle** p) throws HitWallException, EndGameException

Detailed Description

ütközésellenőrző osztály

Member Function Documentation

static void Control.Collider.collide (List< **Collidable** > *collidables*, **Particle** *p*) throws **HitWallException**, **EndGameException** [*static*]

megpróbálja ütköztetni a részecskét amikkel ütközhet

Parameters:

<i>collidables</i>	
<i>p</i>	

Exceptions:

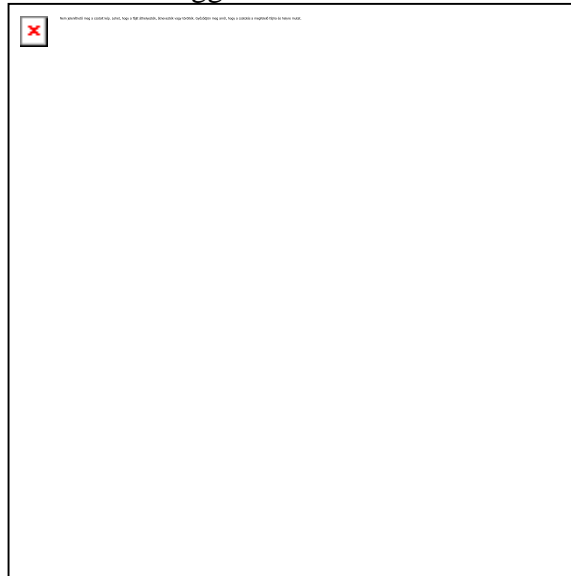
<i>EndGameException</i>	
-------------------------	--

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

- src/Control/Collider.java

Model.Draggable Interface Reference

Inheritance diagram for Model.Draggable:



Public Member Functions

- boolean **isDragged** (**Point** *inPosition*)
- void **draggedTo** (**Point** *position*)

Detailed Description

Interfész vonszolható objektumokhoz

Member Function Documentation

void Model.Draggable.draggedTo (**Point** *position*)

ide mozgatták

Parameters:

<i>position</i>	
-----------------	--

Implemented in **Graphics.Bulb** (p.7).

boolean Model.Draggable.isDragged (**Point** *inPosition*)

Öt fogták-e meg

Parameters:

<i>inPosition</i>	
-------------------	--

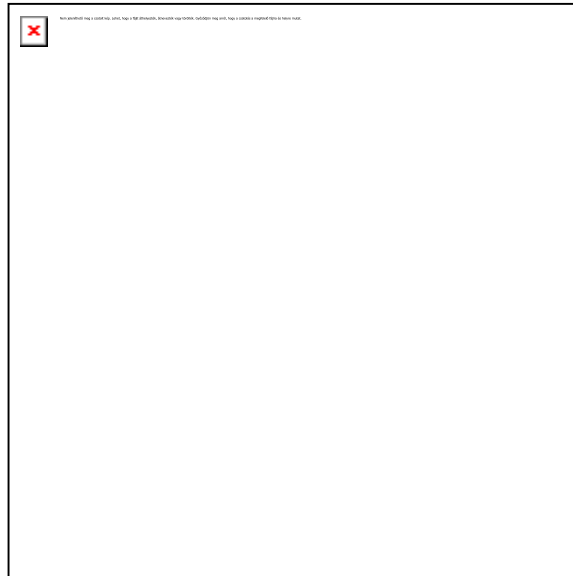
Implemented in **Graphics.Bulb** (p.8).

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

- src/Model/Draggable.java

Model.Drawable Interface Reference

Inheritance diagram for Model.Drawable:



Public Member Functions

- void **draw** (Graphics g)

Detailed Description

Interfész kirajzolható objektumok heterogén kollekciójához

Member Function Documentation

void Model.Drawable.draw (Graphics g)

Kirajzoló függvény hívás

Parameters:

<i>g</i>	Ahova rajzol
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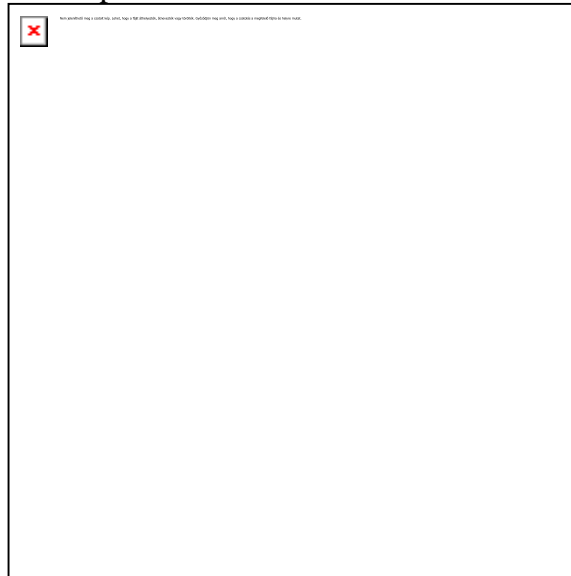
Implemented in **Graphics.DrawableLine** (*p.15*), **Graphics.DrawableCircle** (*p.13*), and **Graphics.StartPoint** (*p.34*).

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

- src/Model/Drawable.java

Graphics.DrawableCircle Class Reference

Inheritance diagram for Graphics.DrawableCircle:



Public Member Functions

- **DrawableCircle** (**Model.Point** *position*, int *r*, Color *c*)
- void **draw** (Graphics *context*)

Protected Attributes

- **Model.Point** *position*

Detailed Description

Alaposztály körként megjelenő objektumoknak

Constructor & Destructor Documentation

Graphics.DrawableCircle.DrawableCircle (**Model.Point** *position*, int *r*, Color *c*)

Konstruktor

Parameters:

<i>position</i>	
-----------------	--

Member Function Documentation

void Graphics.DrawableCircle.draw (Graphics *context*)

Kirajzoló függvény hívás

Parameters:

<i>context</i>	Ahova rajzol
----------------	--------------

Implements **Model.Drawable** (*p. 12*).

Member Data Documentation

Model.Point Graphics.DrawableCircle.position [protected]

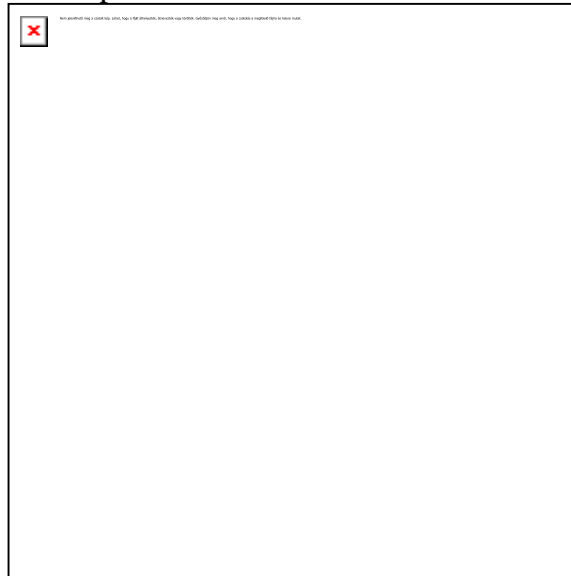
pozíció

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

- src/Graphics/DrawableCircle.java

Graphics.DrawableLine Class Reference

Inheritance diagram for Graphics.DrawableLine:



Public Member Functions

- **DrawableLine** (**Model.Point** *start*, **Model.Point** *end*, int *width*, **Color** *color*)
- void **draw** (**Graphics** *context*)

Protected Attributes

- **Model.Point** *start*
- **Model.Point** *end*

Detailed Description

Alaposztály vonalként megjelenő objektumoknak

Constructor & Destructor Documentation

Graphics.DrawableLine.DrawableLine (**Model.Point** *start*, **Model.Point** *end*, int *width*, **Color** *color*)

Konstruktor, beállítja a privát adattagokat

Parameters:

<i>start</i>	
<i>end</i>	
<i>width</i>	
<i>color</i>	

Member Function Documentation

void Graphics.DrawableLine.draw (**Graphics** *context*)

Vonal rajzolása

Parameters:

<i>context</i>	Ahova rajzol
----------------	--------------

Implements **Model.Drawable** (p.12).

Member Data Documentation

Model.Point Graphics.DrawableLine.end [protected]

Végpont

Model.Point Graphics.DrawableLine.start [protected]

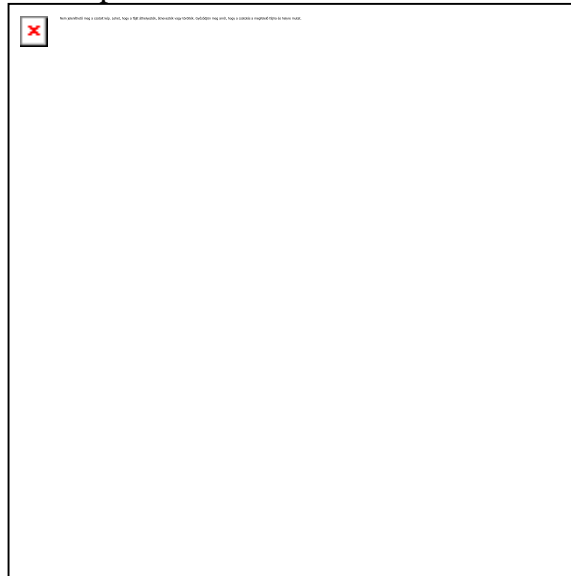
kezdőpont

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

- src/Graphics/DrawableLine.java

Graphics.DrawablePathPoint Class Reference

Inheritance diagram for Graphics.DrawablePathPoint:



Public Member Functions

- `DrawablePathPoint (Model.Point position)`

Additional Inherited Members

Detailed Description

Útvonalpont

Constructor & Destructor Documentation

Graphics.DrawablePathPoint.DrawablePathPoint (Model.Point *position*)

Konstruktor

Parameters:

<i>position</i>	
-----------------	--

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

- `src/Graphics/DrawablePathPoint.java`

Control.Drawer Class Reference

Public Member Functions

- void **draw** (List< **Drawable** > *drawables*, **Particle** *p*, Graphics *g*)
-

Detailed Description

Kirajzoló osztály

Member Function Documentation

void Control.Drawer.draw (List< **Drawable** > *drawables*, **Particle** *p*, Graphics *g*)

új rajz kérése

Parameters:

<i>drawables</i>	ezen elemek kirajzolása
<i>p</i>	a részecske aktuális helye

return a kész rajz

Parameters:

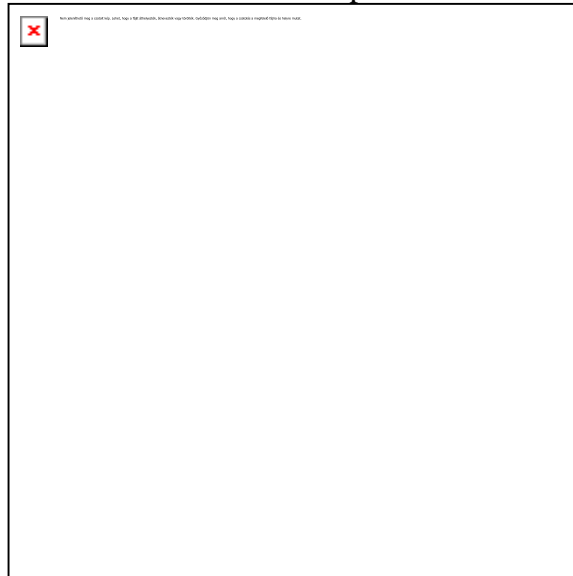
<i>g</i>	
----------	--

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

- src/Control/Drawer.java

Control.EndGameException Class Reference

Inheritance diagram for Control.EndGameException:

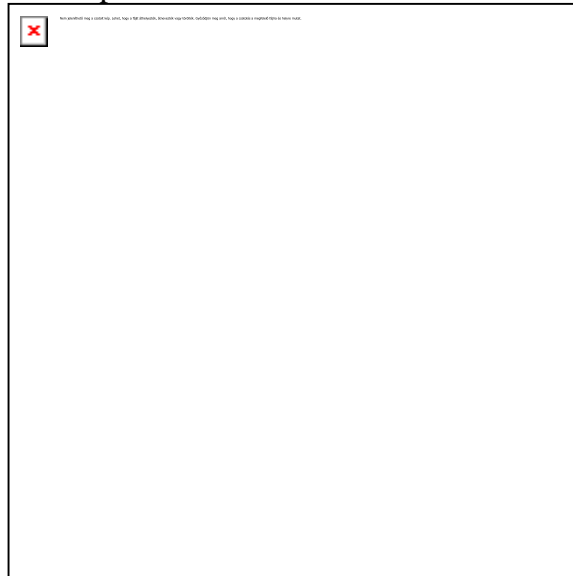


The documentation for this class was generated from the following file:

- `src/Control/EndGameException.java`

Graphics.EndPoint Class Reference

Inheritance diagram for Graphics.EndPoint:



Public Member Functions

- **EndPoint** (**Model.Point** position)
- **void collideWith** (**Graphics.Particle** p) throws **EndGameException**

Additional Inherited Members

Detailed Description

Végpont

Member Function Documentation

void Graphics.EndPoint.collideWith (**Graphics.Particle** *p*) throws **EndGameException**

!ÜTKÖZÉSELLENŐRZŐ! és ütközést szimuláló függvény

Parameters:

<i>p</i>	
----------	--

Exceptions:

<i>EndGameExceptio</i> <i>n</i>	
------------------------------------	--

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

- src/Graphics/EndPoint.java

Control.GameBoard Class Reference

Public Member Functions

- **GameBoard** (ObjectInputStream is)
 - void **paint** (Graphics g)
 - void **saveAs** (String filename)
 - void **dragFrom** (Model.Point position)
 - void **dragTo** (Model.Point position)
 - void **dragEnd** (Model.Point position)
 - void **startSimulation** () throws HitWallException, EndGameException
 - void **resetSimulation** ()
 - void **addBulb** ()
 - List< String > **getScoreBoard** ()
 - void **addScoreBoard** (String s)
-

Detailed Description

A játékot kezelő osztály

Member Function Documentation

void Control.GameBoard.dragEnd (Model.Point *position*)

vonzolás itt fejeződött be

Parameters:

<i>position</i>	
-----------------	--

void Control.GameBoard.dragFrom (Model.Point *position*)

vonzolás kezdődik innen

Parameters:

<i>position</i>	
-----------------	--

void Control.GameBoard.dragTo (Model.Point *position*)

vonzolás közben itt van

Parameters:

<i>position</i>	
-----------------	--

void Control.GameBoard.startSimulation () throws HitWallException, EndGameException

Szimuláció indítása

Exceptions:

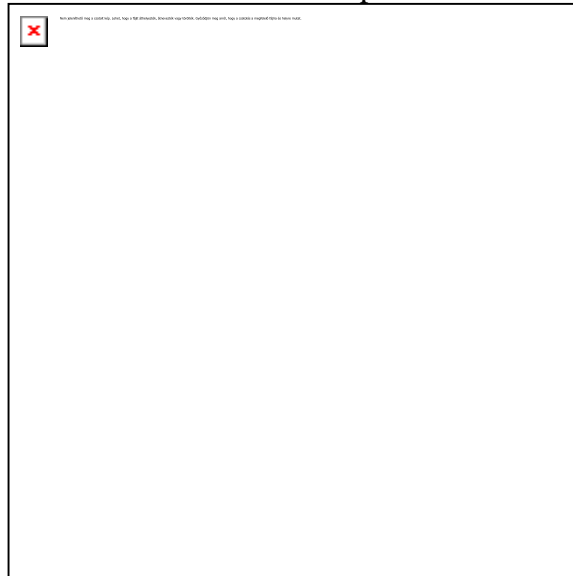
<i>HitWallException</i>	
<i>EndGameException</i>	

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

- src/Control/GameBoard.java

Model.GameBoardComponents Class Reference

Inheritance diagram for Model.GameBoardComponents:



Public Member Functions

- List< Collidable > getCollidables ()
- List< Draggable > getDraggables ()
- List< Drawable > getDrawables ()
- List< Bulb > getBulbs ()
- StartPoint getStartPoint ()
- void addBulb (Bulb b)
- List< String > getScoreBoard ()
- void addScoreBoard (String s)

Protected Attributes

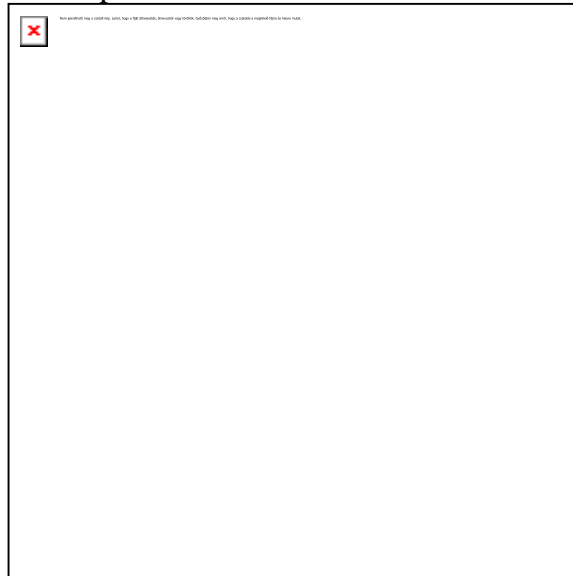
- List< Collidable > collidables
- List< Bulb > bulbs
- List< Drawable > drawables
- ScoreBoard scoreboard

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

- src/Model/GameBoardComponents.java

Graphics.GamePanel Class Reference

Inheritance diagram for Graphics.GamePanel:



Classes

- class **DragListener**
- class **SimulationThread**

Protected Member Functions

- void **paintComponent** (Graphics graphics)

Detailed Description

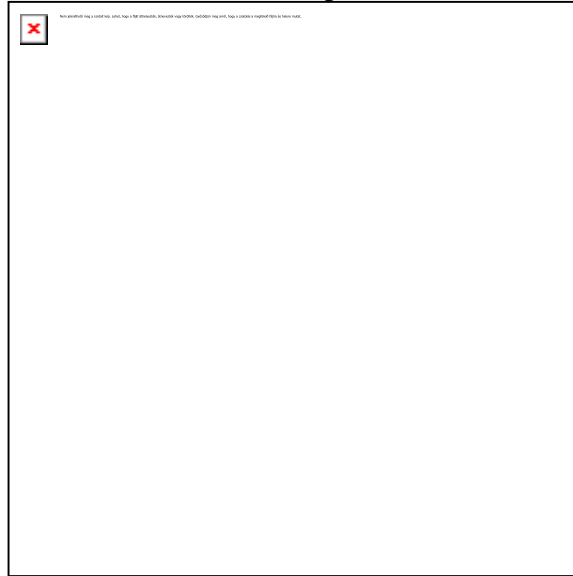
Futó játék ablaka

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

- src/Graphics/GamePanel.java

Control.HitWallException Class Reference

Inheritance diagram for Control.HitWallException:

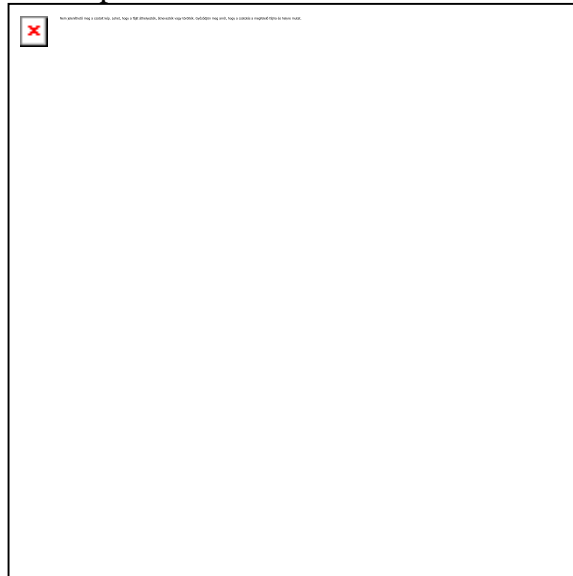


The documentation for this class was generated from the following file:

- `src/Control/HitWallException.java`

Graphics.LoadMenuPanel Class Reference

Inheritance diagram for Graphics.LoadMenuPanel:



Public Member Functions

- **LoadMenuPanel** (**Application** parent)

Detailed Description

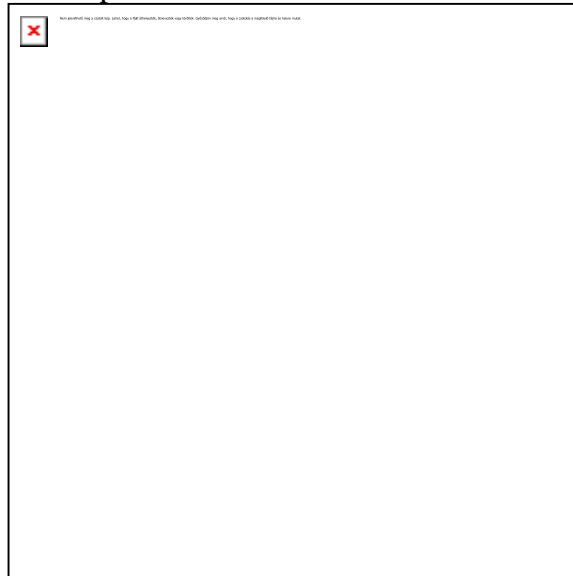
Betöltés menü

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

- src/Graphics/LoadMenuPanel.java

Graphics.MainMenuPanel Class Reference

Inheritance diagram for Graphics.MainMenuPanel:



Public Member Functions

- **MainMenuPanel** (**Application** parent)

Detailed Description

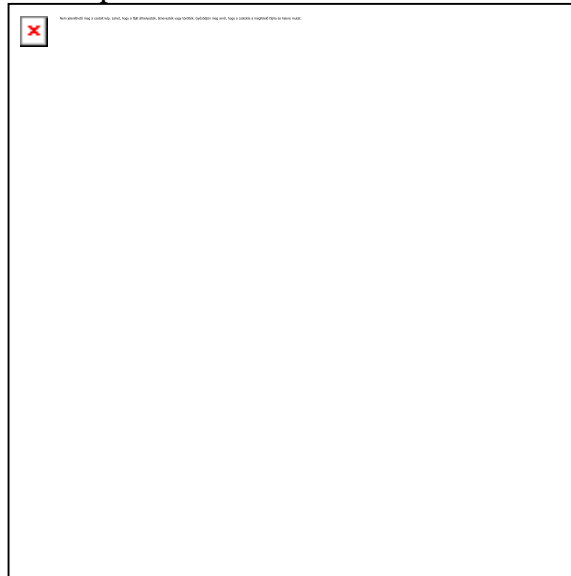
Fõmenü

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

- src/Graphics/MainMenuPanel.java

Graphics.Particle Class Reference

Inheritance diagram for Graphics.Particle:



Public Member Functions

- **Particle** (StartPoint *sp*)
- **Model.Point** getPosition ()
- **Model.Point** getV ()
- void setV (Model.Point *v*)
- void goTo (Model.Point *position*)

Additional Inherited Members

Detailed Description

mozgó részecske

Constructor & Destructor Documentation

Graphics.Particle.Particle (StartPoint *sp*)

konstruktor

Parameters:

<i>sp</i>	innen indul
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Member Function Documentation

void Graphics.Particle.goTo (Model.Point *position*)

A részecske mozog

Parameters:

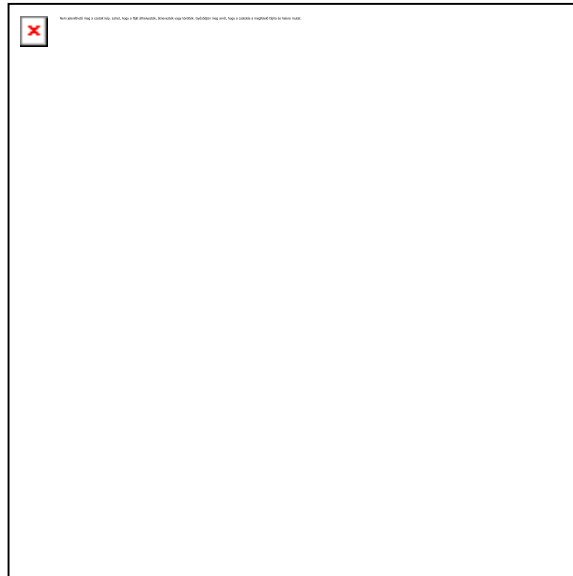
<i>position</i>	
-----------------	--

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

- `src/Graphics/Particle.java`

Model.Point Class Reference

Inheritance diagram for Model.Point:



Public Member Functions

- **Point** (int x, int y)
- int **getX** ()
- int **getY** ()
- double **distanceFrom** (**Point** p)

Detailed Description

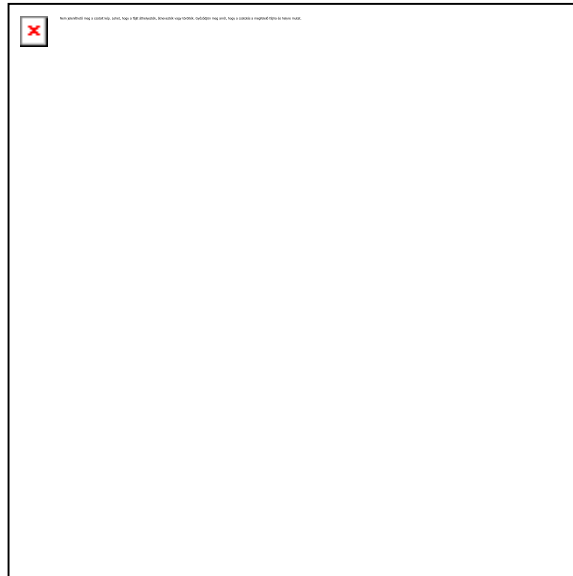
Pont tároló

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

- src/Model/Point.java

Model.RandomGameGenerator Class Reference

Inheritance diagram for Model.RandomGameGenerator:



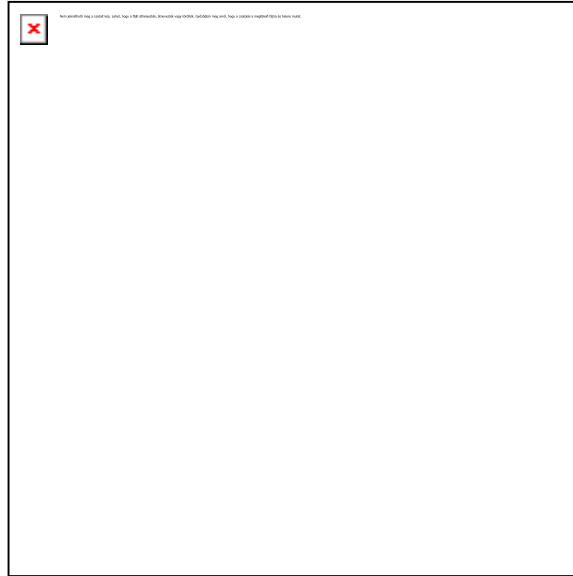
Additional Inherited Members

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

- `src/Model/RandomGameGenerator.java`

Model.ScoreBoard Class Reference

Inheritance diagram for Model.ScoreBoard:



Public Member Functions

- void **add** (String s, int n)
- List< String > **get** ()

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

- src/Model/ScoreBoard.java

Control.Simulator Class Reference

Static Public Member Functions

- static void **simulate** (List< **Bulb** > bulbs, **Particle** p) throws HitWallException
-

Detailed Description

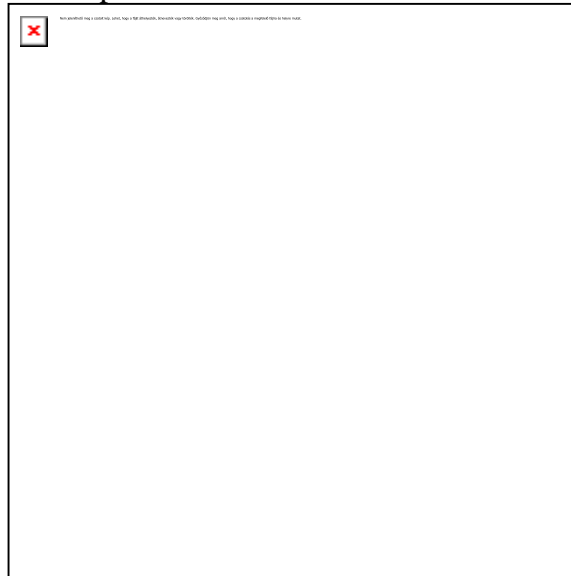
a szimuláció végrehajtója

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

- src/Control/Simulator.java

Graphics.StartPoint Class Reference

Inheritance diagram for Graphics.StartPoint:



Public Member Functions

- **StartPoint** (**Model.Point** *position*, int *direction*)
- **Model.Point** *getPosition* ()
- **Model.Point** *getV* ()
- void **draw** (Graphics context)

Additional Inherited Members

Detailed Description

Kezdőpont

Constructor & Destructor Documentation

Graphics.StartPoint.StartPoint (**Model.Point** *position*, int *direction*)

Konstruktor

Parameters:

<i>position</i>	hely
<i>direction</i>	kilövés iránya

Member Function Documentation

void Graphics.StartPoint.draw (**Graphics** *g*)

Kirajzoló függvény hívás

Parameters:

<i>g</i>	Ahova rajzol
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Implements **Model.Drawable** (*p. 12*).

Model.Point Graphics.StartPoint.getV ()

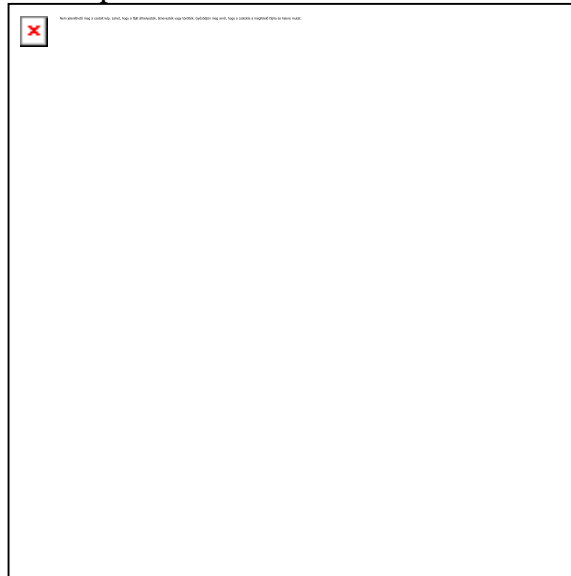
töltés sebességvektora

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

- `src/Graphics/StartPoint.java`

Graphics.StartPointDirection Class Reference

Inheritance diagram for Graphics.StartPointDirection:



Public Member Functions

- `Model.Point` `getV ()`

Additional Inherited Members

Detailed Description

A kezdőpontban az irányt jelöli

Member Function Documentation

`Model.Point` `Graphics.StartPointDirection.getV ()`

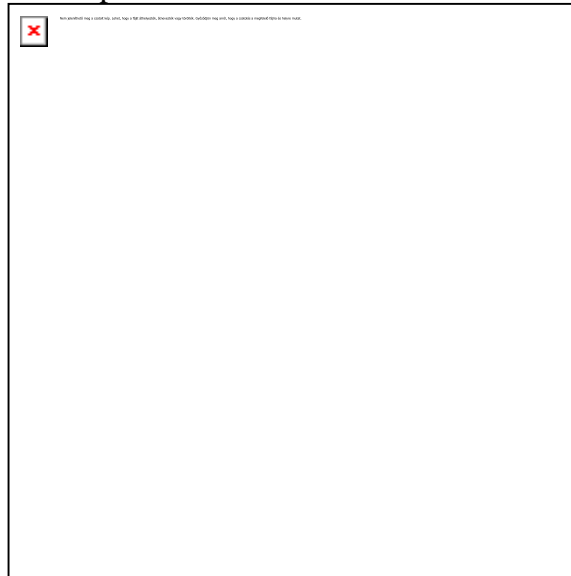
kezdőpont->végpont vektor x koordináta

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

- `src/Graphics/StartPointDirection.java`

Graphics.Wall Class Reference

Inheritance diagram for Graphics.Wall:



Public Member Functions

- **Wall** (**Model.Point** *start*, **Model.Point** *end*)
- **void collideWith** (**Graphics.Particle** *p*) throws **HitWallException**

Additional Inherited Members

Constructor & Destructor Documentation

Graphics.Wall.Wall (**Model.Point** *start*, **Model.Point** *end*)

Konstruktor

Member Function Documentation

void Graphics.Wall.collideWith (**Graphics.Particle** *p*) throws **HitWallException**

!ÜTKÖZÉSELLENŐRZŐ! és ütközést szimuláló függvény

Parameters:

<i>p</i>	
----------	--

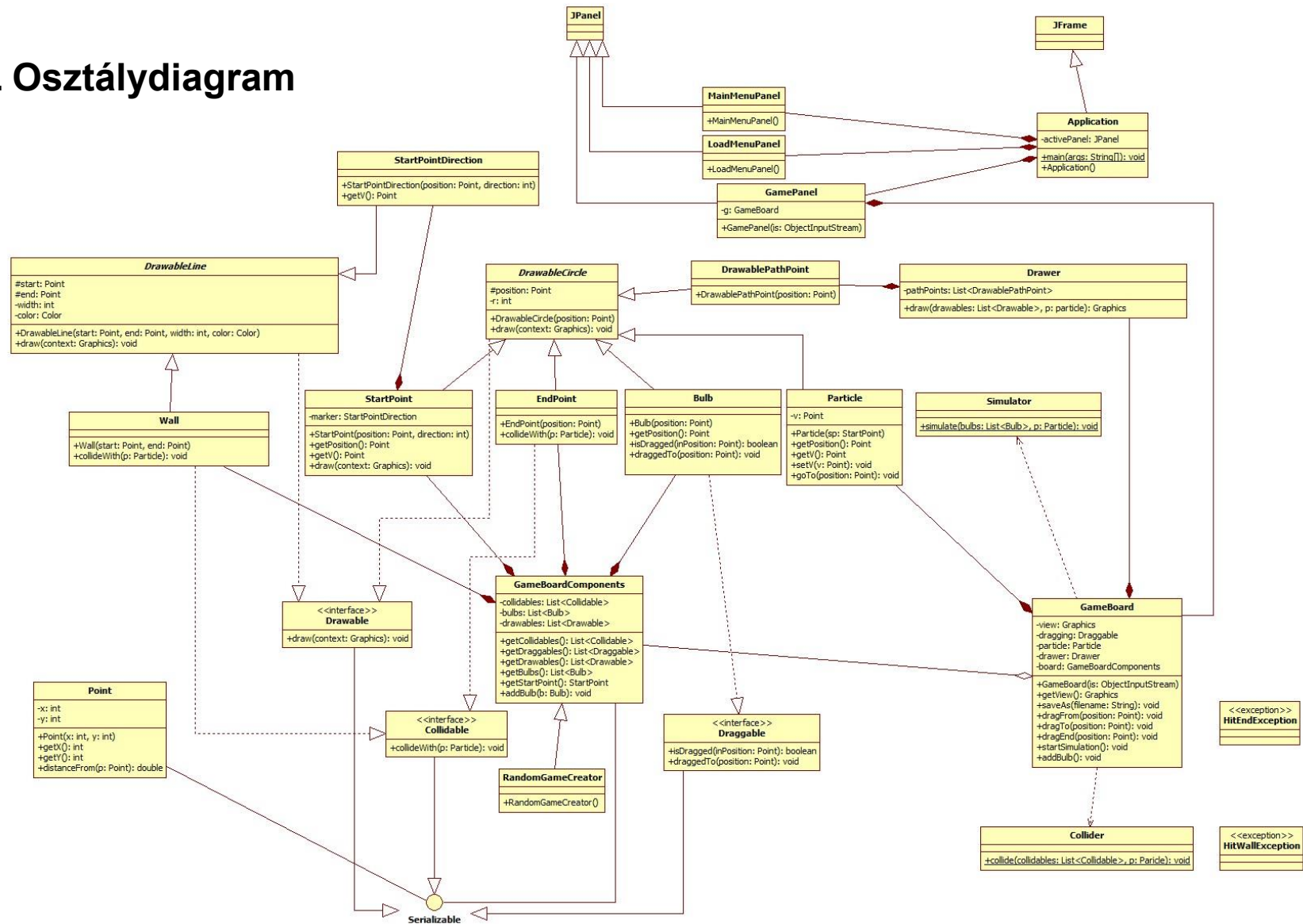
Exceptions:

<i>HitWallException</i>	
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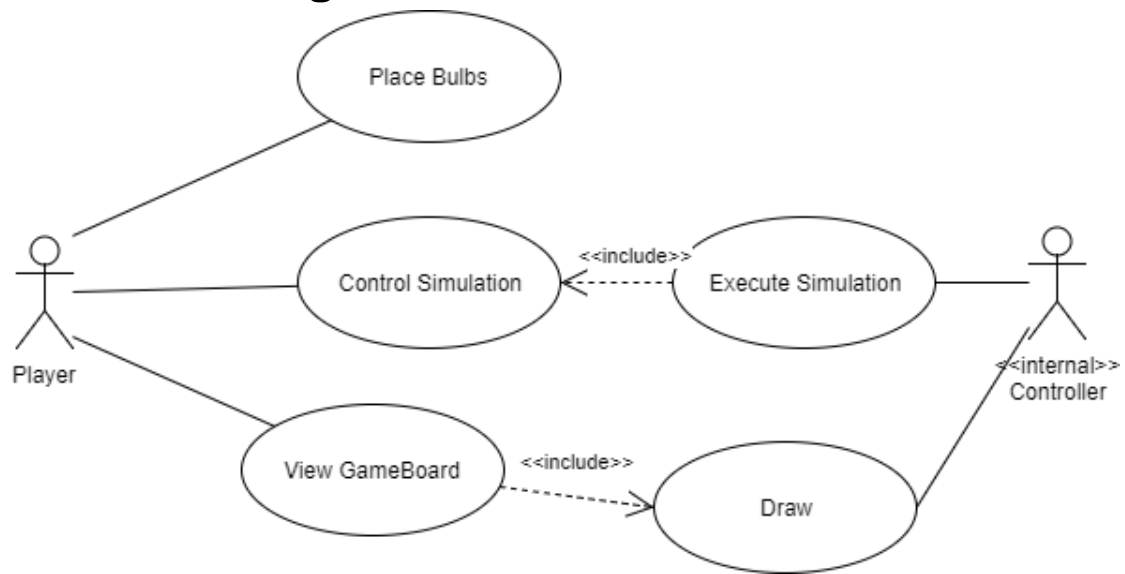
The documentation for this class was generated from the following file:

- `src/Graphics/Wall.java`

UML Osztálydiagram



Use-case diagram



Szekvencia diagramok

