



- playerImage: Image

- wallImage: Image

- swordImage: Image

- exitImage: Image

- treasureImage: Image

doorlmage: Image

- keylmage: Image

- potionImage: Image

- portallmage: Image

- switchImage: Image

- boulderImage: Image

- enemylmage: Image

- + DungeonControllerLoader(String)
- + onLoad(Entity, ImageView)
- + trackPosition(Entity, Node)
- + loadController(): DungeonController

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Responds to changes in



DungeonController

- + DungeonController(Dungeon, List<ImageView>)
- + initialize()
- + handKeyPress(KeyEvent) + obstaclePresent(int, int): boolean

+ teleport()
+ obtainSword()
+ obtainTreasure()
+ obtainRey()
+ obtainPotion()
+ hasSword(): boolean
+ hasKey(): boolean

+ getDirection(): String + getTreasure(): int

+ isInvincible(): boolean

- width: int
- height: int
- entities: List<Entity>

+ Dungeon(int, int)
+ getWidth(): int
+ getHeight(): int
+ getPlayer(): Player
+ getEntities(): List<Entity>
+ setPlayer(Player)
+ addEntity(Entity)
+ removeEntity(Entity)
+ entityInteraction(int, int)
+ updateSwitches()
+ entitiesHere(int, int): List<Entity>