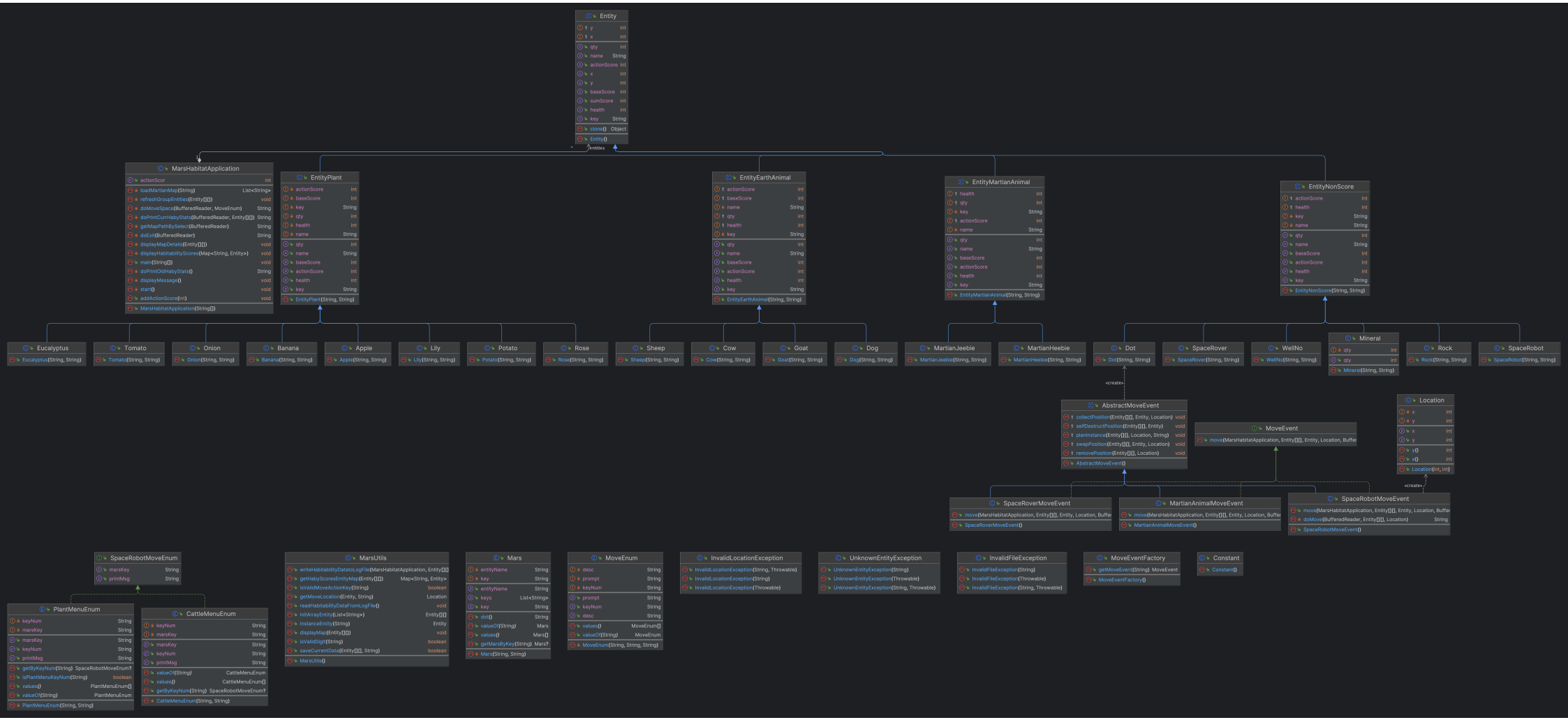
Entity
y int
x int
qty int
name String
actionScore int
x int
y int
baseScore int
sumScore int
health int
key String
clone() Object
Entity()
entities
MarsHabitatApplication
actionScor int
loadMartianMap(String) List<String>
refreshGroupEntities(Entity[][]) void
doMoveSpace(BufferedReader, MoveEnum) String
doPrintCurrHabyStats(BufferedReader, Entity[][]) String
getMapPathBySelect(BufferedReader) String
doExit(BufferedReader) String
displayMapDetails(Entity[][]) void
displayHabitabilityScores(Map<String, Entity>) void
main(String[]) void
doPrintOldHabyStats() String
displayMessage() void
start() void
addActionScore(int) void
MarsHabitatApplication(String[])
EntityPlant
actionScore int
baseScore int
key String
qty int
health int
name String
qty int
name String
baseScore int
actionScore int
health int
key String
EntityPlant(String, String)
EntityEarthAnimal
actionScore int
baseScore int
name String
qty int
health int
key String
qty int
name String
baseScore int
actionScore int
health int
key String
EntityEarthAnimal(String, String)
EntityMartianAnimal
health int
qty int
key String
actionScore int
name String
qty int
name String
baseScore int
actionScore int
health int
key String
EntityMartianAnimal(String, String)
EntityNonScore
actionScore Int
health int
key String
name String
qty int
name String
baseScore int
actionScore int
health int
key String
EntityNonScore(String, String)
Eucalyptus
Eucalyptus(String, String)
Tomato
Tomato(String, String)
Onion
Onion(String, String)
Banana
Banana(String, String)
Apple
Apple(String, String)
Lily
Lily(String, String)
Potato
Potato(String, String)
Rose
Rose(String, String)
Sheep
Sheep(String, String)
Cow
Cow(String, String)
Goat
Goat(String, String)
Dog
Dog(String, String)
MartianJeebie
MartianJeebie(String, String)
MartianHeebie
MartianHeebie(String, String)
Dot
Dot(String, String)
SpaceRover
SpaceRover(String, String)
WellNo
WellNo(String, String)
Mineral
qty int
qty int
Mineral(String, String)
Rock
Rock(String, String)
SpaceRobot
SpaceRobot(String, String)
«create»
AbstractMoveEvent
collectPosition(Entity[][], Entity, Location) void
selfDestructPosition(Entity[][], Entity) void
planInstance(Entity[][], Location, String) void
swapPosition(Entity[][], Entity, Location) void
removePosition(Entity[][], Location) void
AbstractMoveEvent()
MoveEvent
move(MarsHabitatApplication, Entity[][], Entity, Location, Buffe
Location
x int
y int
x int
y int
y() int
x() int
Location(int, int)
«create»
SpaceRoverMoveEvent
move(MarsHabitatApplication, Entity[][], Entity, Location, Buffe
SpaceRoverMoveEvent()
MartianAnimalMoveEvent
move(MarsHabitatApplication, Entity[][], Entity, Location, Buffe
MartianAnimalMoveEvent()
SpaceRobotMoveEvent
move(MarsHabitatApplication, Entity[][], Entity, Location, Buffe
doMove(BufferedReader, Entity[][], Location) String
SpaceRobotMoveEvent()
SpaceRobotMoveEnum
marsKey String
printMsg String
PlantMenuEnum
keyNum String
marsKey String
marsKey String
keyNum String
printMsg String
getByKeyNum(String) SpaceRobotMoveEnum?
isPlantMenuKeyNum(String) boolean
values() PlantMenuEnum[]
valueOf(String) PlantMenuEnum
PlantMenuEnum(String, String)
CattleMenuEnum
keyNum String
marsKey String
marsKey String
keyNum String
printMsg String
valueOf(String) CattleMenuEnum
values() CattleMenuEnum[]
getByKeyNum(String) SpaceRobotMoveEnum?
CattleMenuEnum(String, String)
MarsUtils
writeHabitabilityDataToLogFile(MarsHabitatApplication, Entity[][]
getHabyScoresEntityMap(Entity[][]) Map<String, Entity>
isValidMoveActionKey(String) boolean
getMoveLocation(Entity, String) Location
readHabitabilityDataFromLogFile() void
initArrayEntity(List<String>) Entity[][]
instanceEntity(String) Entity
displayMap(Entity[][]) void
isValidDigit(String) boolean
saveCurrentData(Entity[][], String) boolean
MarsUtils()
Mars
entityName String
key String
entityName String
keys List<String>
key String
dot() String
valueOf(String) Mars
values() Mars[]
getMarsByKey(String) Mars?
Mars(String, String)
MoveEnum
desc String
prompt String
keyNum String
prompt String
keyNum String
desc String
values() MoveEnum[]
valueOf(String) MoveEnum
MoveEnum(String, String, String)
InvalidLocationException
InvalidLocationException(String, Throwable)
InvalidLocationException(String)
InvalidLocationException(Throwable)
UnknownEntityException
UnknownEntityException(String)
UnknownEntityException(Throwable)
UnknownEntityException(String, Throwable)
InvalidFileException
InvalidFileException(String)
InvalidFileException(Throwable)
InvalidFileException(String, Throwable)
MoveEventFactory
getMoveEvent(String) MoveEvent
MoveEventFactory()
Constant
Constant()