

+Type: enum

+Star(name:String,type:Type,char

+Type: enum

+Planet(name:String,type:Type,ch

+Type: enum

+Satelite(name:String,type:Type,

Astron

+AstronomicalObje

+getAtmosphere():
+getRadius(): double
+getMass(): double
+getTemperature()
+resetAtmoshere()

`acteristics:AstronomicalObjectCharacteri

Planet

aracteristics: AstronomicalObjectCharactε

Satelite

characteristics:AstronomicalObjectCharac

omicalObjectCharacteristics

ctCharacteristics(atmosphere:double,

radius:double,

mass:double,

temperature:double,

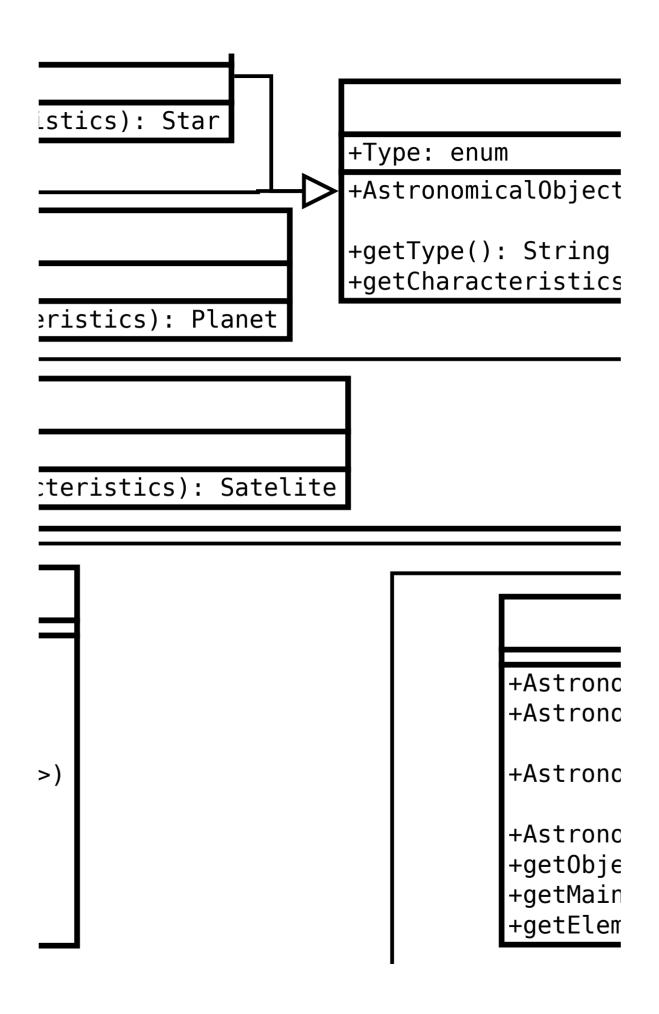
entities:List<Entities:</pre>

double ole

3

: double

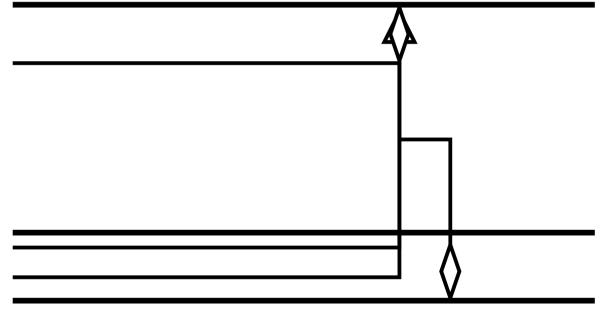
: void



AstronomicalObject

:(name:String,type:Type,
 characteristics:AstronomicalObjectChara

;(): AstronomicalObjectCharacteristics



AstronomicalSyste

acteristics): AstronomicalObject

m

AstronomycalSystem

/stem>): AstronomycalSystem
≥m>,

/stems>): AstronomicalSystem

/stem>): AstronomycalSystem

AuthoredEntity

+AuthoredEntity(name:String,getAut

+getAuthor(): Entity

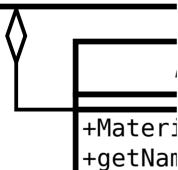
Characte

+CharacterizedEntity(name:String,cl +getCharacteristics(): List<Charac

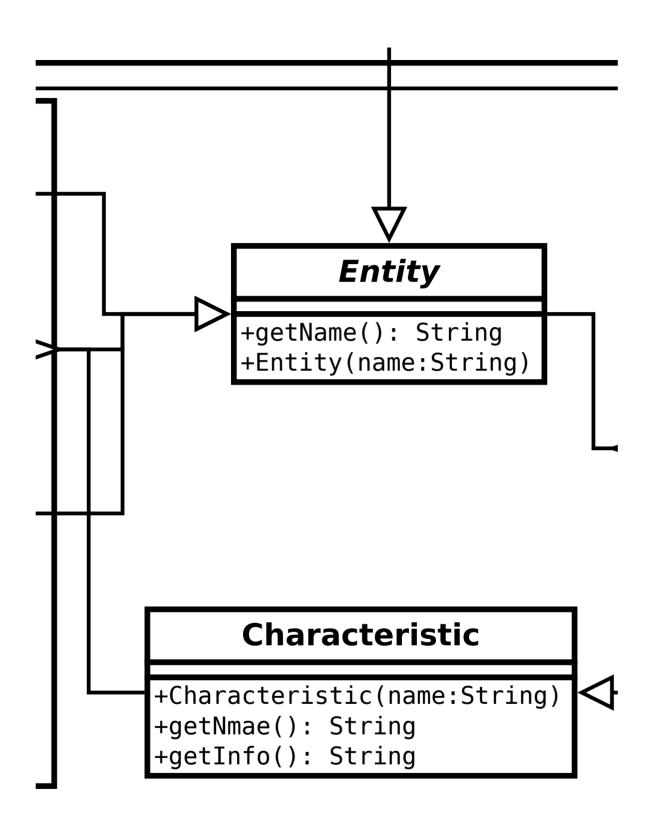
MaterialEntity

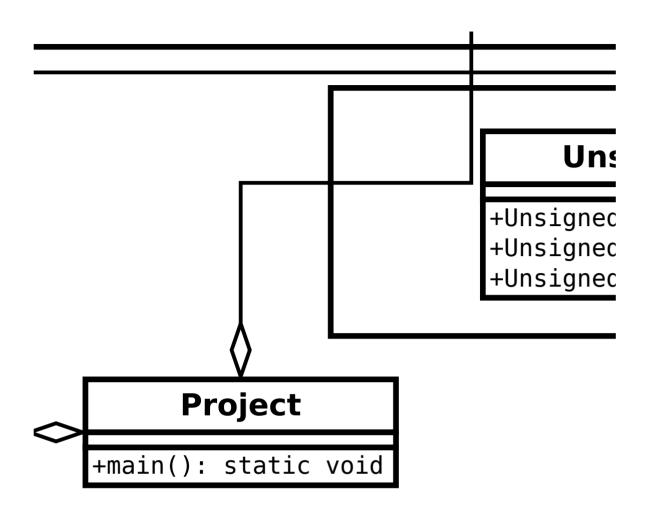
+MaterialEntity(name:String,materi

+getMaterial(): Material



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|--|---|---|
| | | |
| hor:Entity) | | |
| rizedEntity | | |
| haracteristics:l teristic> | List <characteristics>)</characteristics> | < |
| | | |
| al:Material) | | |
| Material | | |
| <pre>ial(name:String) ne(): String</pre> | | |





#Graduation +Graduation(subject:String,level:String) +getGraduationLevel(): String +getGraduationSubject(): String

signedException

IException(value:double)
IException(value:float)
IException(value:int)

ng)