## 1 Common Layer

## - type : int - block\_size : int - x : int - y : int + block() + ~block() + set\_type(int typ) : void

+ set\_block\_size(int size) : void + get\_block\_size() : int + get\_type() : int + set\_x(int\_x) : void + set\_y(int\_y) : void

+ get\_x() : int + get\_y() : int

## player

block

x: doubley: doubledirection: intsize: int

- step : double

- player()- player(double \_x , double \_y)

- ~player()

- set\_x(double \_x) : void - set\_y(double \_y) : void

- get\_x() : double
- get\_y() : double

- set\_direction(int i) : void

- get\_direction() : int
- get\_size() : int

moveR(): voidmoveL(): voidmoveU(): void

- moveD() : void- set\_step(double \_step) : void

- get\_step() : double