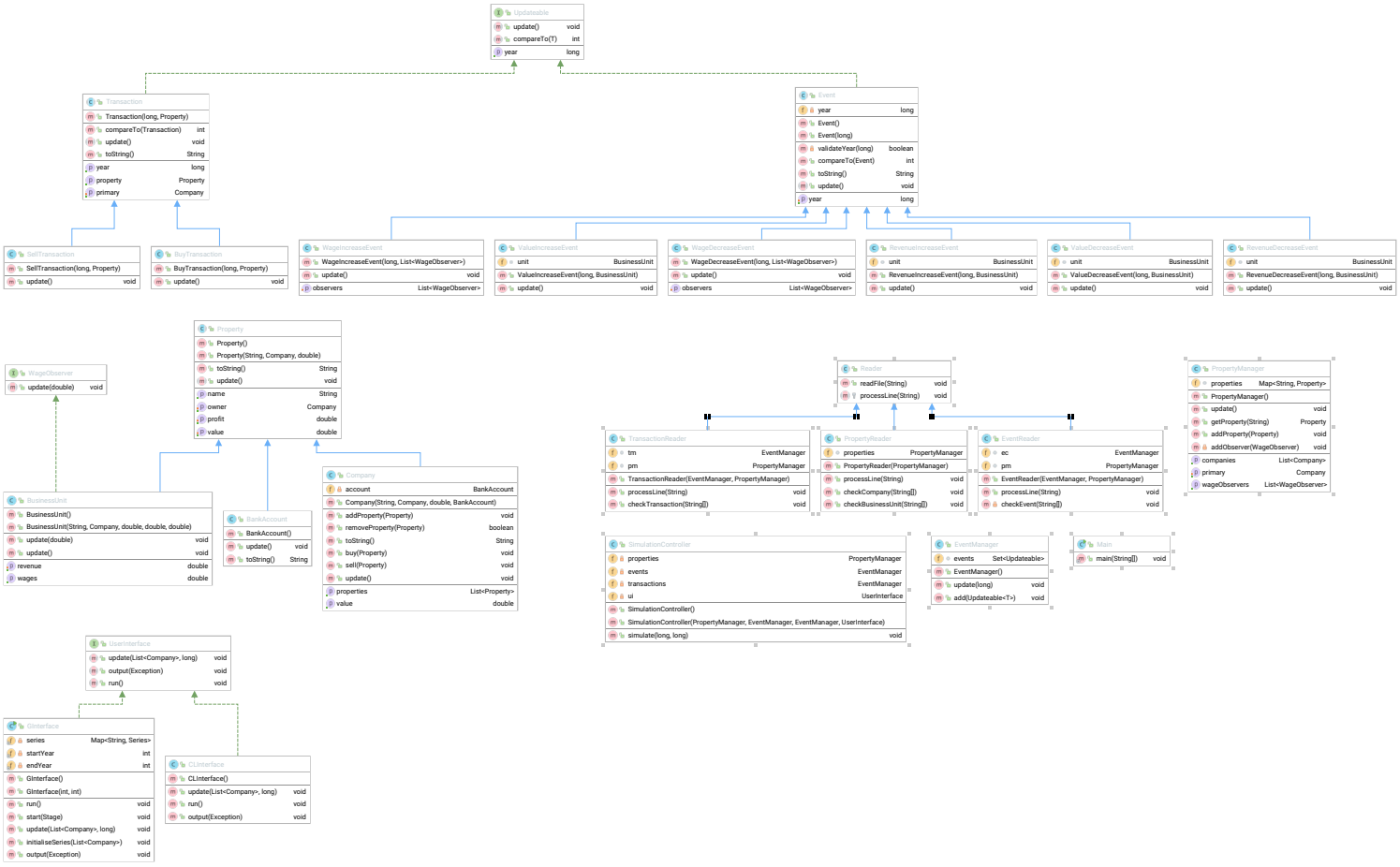
Updateable
update() void
compareTo(T) int
year long
Transaction
Transaction(long, Property)
compareTo(Transaction) int
update() void
toString() String
year long
property Property
primary Company
Event
year long
Event()
Event(long)
validateYear(long) boolean
compareTo(Event) int
toString() String
update() void
year long
SellTransaction
SellTransaction(long, Property)
update() void
BuyTransaction
BuyTransaction(long, Property)
update() void
WageIncreaseEvent
WageIncreaseEvent(long, List<WageObserver>)
update() void
observers List<WageObserver>
ValueIncreaseEvent
unit BusinessUnit
ValueIncreaseEvent(long, BusinessUnit)
update() void
WageDecreaseEvent
WageDecreaseEvent(long, List<WageObserver>)
update() void
observers List<WageObserver>
RevenueIncreaseEvent
unit BusinessUnit
RevenueIncreaseEvent(long, BusinessUnit)
update() void
ValueDecreaseEvent
unit BusinessUnit
ValueDecreaseEvent(long, BusinessUnit)
update() void
RevenueDecreaseEvent
unit BusinessUnit
RevenueDecreaseEvent(long, BusinessUnit)
update() void
WageObserver
update(double) void
Property
Property()
Property(String, Company, double)
toString() String
update() void
name String
owner Company
profit double
value double
BusinessUnit
BusinessUnit()
BusinessUnit(String, Company, double, double, double)
update(double) void
update() void
revenue double
wages double
BankAccount
BankAccount()
update() void
toString() String
Company
account BankAccount
Company(String, Company, double, BankAccount)
addProperty(Property) void
removeProperty(Property) boolean
toString() String
buy(Property) void
sell(Property) void
update() void
properties List<Property>
value double
Reader
readFile(String) void
processLine(String) void
TransactionReader
tm EventManager
pm PropertyManager
TransactionReader(EventManager, PropertyManager)
processLine(String) void
checkTransaction(String[]) void
PropertyReader
properties PropertyManager
PropertyReader(PropertyManager)
processLine(String) void
checkCompany(String[]) void
checkBusinessUnit(String[]) void
EventReader
ec EventManager
pm PropertyManager
EventReader(EventManager, PropertyManager)
processLine(String) void
checkEvent(String[]) void
PropertyManager
properties Map<String, Property>
PropertyManager()
update() void
getProperty(String) Property
addProperty(Property) void
addObserver(WageObserver) void
companies List<Company>
primary Company
wageObservers List<WageObserver>
SimulationController
properties PropertyManager
events EventManager
transactions EventManager
ui UserInterface
SimulationController()
SimulationController(PropertyManager, EventManager, EventManager, UserInterface)
simulate(long, long) void
EventManager
events Set<Updateable>
EventManager()
update(long) void
add(Updateable<T>) void
Main
main(String[]) void
UserInterface
update(List<Company>, long) void
output(Exception) void
run() void
GInterface
series Map<String, Series>
startYear int
endYear int
GInterface()
GInterface(int, int)
run() void
start(Stage) void
update(List<Company>, long) void
initialiseSeries(List<Company>) void
output(Exception) void
CLInterface
CLInterface()
update(List<Company>, long) void
run() void
output(Exception) void