Trader

#montant\_inv

#montant\_res

#traderActions

#nom

+Trader()

+get\_nom

+get\_montant\_inv

+get\_montant\_res

+existeAction

+rechercheAction

+set\_montant\_inv

+get\_trader\_actions

+get\_trader\_actions

+transaction

+afficherActions

+pos

+supprimer

Action

+nom\_action

+prix\_action

+nbre\_action

+Action()

+get\_prix\_action

+get\_nom\_action

+get\_nbre\_action

+set\_nom\_action

+set\_nbre\_action

+set\_prix\_action

Date

+jour

+mois

+annee

+ Date()

+ ~Date(

+set\_jour

+set\_mois

+set\_annee

+Get\_date

+Nextjour

BourseMapVL

-bourseActions

-HistoriqueActions

+get\_bourseactions

+afficherHistoriqueAction

+rechercheAction

+existeAction

+afficherprixaction

Bourse

#date

+ Bourse()

+get\_date

+set\_date

+set\_nbreaction

+get\_nbreaction

+get\_bourseactions

+getHistoriqueActions

+afficherHistoriqueAction

+rechercheAction

+existeAction

+afficherprixaction

+afficherActions

+pos

Simulation

+Simulation()

-duree

-Nbrejour

-dateinitiale

-datefinale

-datecourant

-nom\_simulation

-modeTrader

-solde

-gain\_perte

-trader

-bourse

-AllActions

+Simulation()

+get\_duree

+get\_Nbrejour

+ setSolde

+get\_solde

+set\_gainperte

+get\_gainperte

+getNom

+getmodetrader

+get\_datecourant

+getAllActions

+set\_datecourante

+setAllActions

+Next\_jour

+get\_bourse

+get\_trader

+dernierprixaction

-setBourseActions

TraderHumain

+transaction

+TraderHumain()

-vendre\_action

-acheter\_action

Simulations

TousSimulations

Simulations()

~Simulations()

existe

recherche

TraderAlgo

+TraderAlgo()

+transaction

TraderAlea

+TraderAlea()

+transaction