BCN Storage Class

Stores flows for a single BCN to be called on to create totalFlows

# Libraries/Classes calling on bcnStorage Class

main

cashFlows

# Internal Library/Class dependencies

None

# External Library Dependencies

None

# Functions

Init – class constructor

updateSensFlows – used to replace current sensitivity associated flows with new ones

updateUncFlows – used to replace current uncertainty associated flows with new ones

# Pseudo Code

Begin Pseudocode

Init

Basic class constructor

Variable List

bcnName – string – name of BCN

bcnID – int – bcnID from the BCN flow is generated by

altID – list of ints – list of all altIDs this bcnFLow belongs to

type – string – equivalent to bcn.type for bcnID

subtype – string – equivalent to bcn.subtype for bcnID

tag – string – equivalent to bcn.tag for bcnID

bcnNonDiscFlow – list of floats

bcnDiscFlow – list of floats

quantList – list of floats

quantUnt – string

sensBool – Bool

sensFlowNonDisc – list of floats

sensFlowDisc – list of floats

sensQuantList – list of floats

uncBool – Bool

uncFlowNonDisc – list of floats

uncFlowDisc – list of floats

uncQuantList – list of floats

end init

updateSensFlows(newSensFlowNonDisc,newSensFlowDisc,newSensFlowQuant)

update the sensitivity flows with the input flows

end updateSensFlows

updateUncFlows(newUncFlowNonDisc,newUncFlowDisc,newUncFlowQuant)

update the uncertainty flows with the input flows

end updateSensFlows

end Pseudocode