Total Optional Flows Class

Stores total cash flows for a single altID-tag combination

# Libraries/Classes calling on Total Optional Flows Class

cashFlows

# Internal Library/Class dependencies

none

# External Library Dependencies

none

# Functions

Init – Class constructor

addFlow – Function to add a new cash or quantity flow to the existing flow in the object

updateFlow – Function to set a current flow to a new flow

# Pseudo Code

Begin Pseudocode

Init

Variables in class

altID – int – alternative that the flows in the objects belong to

sensBool – boolean – denotes if flows are associated with a sensitivity calc

uncBool – boolean – denotes if flows are associated with an uncertainty calc

bcnType – bcn.type variable stored here for convenience

bcnSubType – bcn.type variable stored here for convenience

bcnTag – bcn.tag, user defined tag to set up custom groups of bcn objects

{totTagFlowDisc} – list of floats, the total monetary flow for the tag

{totTagQ} – list of floats, the total quantity flow for the tag

quatnUnits – string – units for the quanity

End init

addFlow(cashFlowBool,flow)

If cashFlowBool == true

Add flow to {totTagFlowDisc}

If cashFlowBool == False

Add flow to {totTagQ}

End update

updateFlow(cashFlowBool,flow)

Based on cashFlowBool reset current flow to the input flow

cashFlowBool == true updates {totTagFlowDisc}

cashFlowBool == false updates {totTagQ}

End update

end Pseudocode