Flowchart to illustrate the functional principle of the initialization

Coordinator Function:
Specifies number of nodes which participate in the network (in the code)

Initialization function is called

Initialization Function:

Was the initialization already completed before? — yes

no

Get the address of the node which calls the contract

Is the node already initialized? — yes

no

Add the address to the list of nodes

Define the initial value of the corresponding shared resource variable

Set the update flag of the node to zero

Are all nodes initialized? — no

yes

Compute initial lambda

Set a flag which indicates that initialization is completed

End of function call