Loop 1
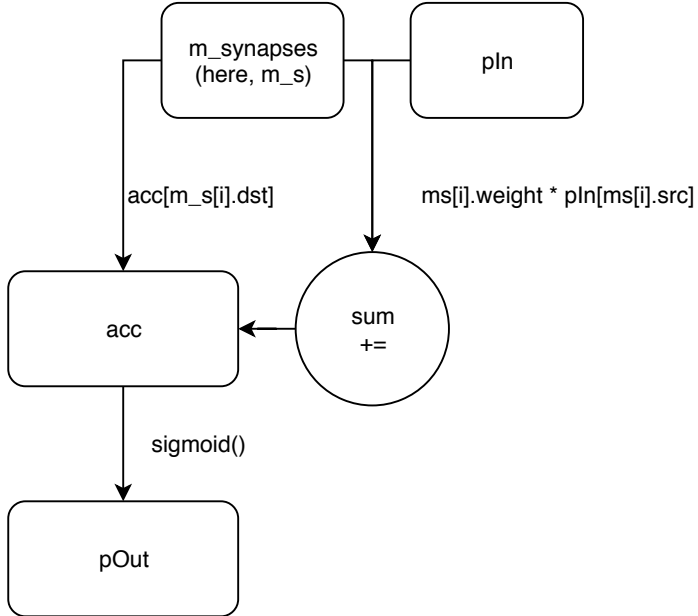
Build accumulated contribution vector by weighted sum of input neurons

Loop 2

Map sigmoid() over accumulated contribution vector and set to pOut.