```
global planner::Expander
# nx
# ny_
# ns
# unknown
# lethal cost
# neutral cost
# cells visited
# factor
# p calc
+ Expander()
+ calculatePotentials()
+ setSize()
+ setLethalCost()
+ setNeutralCost()
+ setFactor()
+ setHasUnknown()
+ clearEndpoint()
# tolndex()
global planner::Dijkstra
        Expansion

    buffer1

 buffer2

    buffer3

 - currentBuffer
 - nextBuffer
 - overBuffer

    currentEnd

 nextEnd

    overEnd

    pending

    precise

    threshold

    priorityIncrement

 + DijkstraExpansion()
 + ~DijkstraExpansion()
 + calculatePotentials()
 + setSize()
 + setNeutralCost()
 + setPreciseStart()
 updateCell()
 getCost()
```