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

add()