BTVN

Tìm hiểu về thuật toán Greedy Best First Search.

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Greedy Best First Search:
- a form of best-first search that expands first the node with the lowest *h(n)* value—the node that appears to be closest to the goal—on the grounds that this is likely to lead to a solution quickly. So the evaluation function *f(n) = h(n)*.

- Complete:
    + Greedy best-first graph search is complete in finite state spaces, but not in infinite ones.

- Time:
    + On each iteration it tries to get as close to a goal as it can, but greediness can lead to worse results than being careful.

- Space:
    + The worst-case time and space complexity is O(|V|).
    + With a good heuristic function, however, the complexity can be reduced substantially, on certain problems reaching O(bm).

- Optimal:
    + The solution it found does not have optimal-cost.