

Blog Entry © Sunday, January 4, 2026, by James Pate Williams, Jr. Iterative Deepening A\* Search to Solve the Fifteen Tile Puzzle (Win32 C/C++ Release x64 Configuration)

Reference: *Artificial Intelligence a Modern Approach First and Second Editions* by Stuart Russell and Peter Norvig

```
Rebuild started at 2:31 AM...
1>----- Rebuild All started: Project: IDAPuzzle15,
Configuration: Release x64 -----
1>pch.cpp
1>Common.cpp
1>IDAPuzzle15.cpp
1>IDAStarSearch.cpp
1>Generating code
1>Previous IPDB not found, fall back to full compilation.
1>All 380 functions were compiled because no usable IPDB/IOBJ
from previous compilation was found.
1>Finished generating code
1>IDAPuzzle15.vcxproj ->
D:\IDAPuzzle15\x64\Release\IDAPuzzle15.exe
===== Rebuild All: 1 succeeded, 0 failed, 0 skipped
=====
===== Rebuild completed at 2:31 AM and took 07.234 seconds
=====
```























