

Blog Entry © Friday, November 21, 2025, by James Pate Williams, Jr., Win32 C/C++ Desktop GUI Solution of the 15-Tile Puzzle Using Iterative Deepening A* Informed Search Algorithm

References: **Artificial Intelligence: A Modern Approach First, Second, and Fourth Editions** by Stuart Russell and Peter Norvig. The fourth edition is free to be read online or downloaded as a Portable Document File (PDF). Hexadecimal notation is utilized for the tiles (0 – 9, a = 10, b = 11, c = 12, d = 13, e = 14, f = 15).













