**Compile GDAL C++ in Windows 11**

# **Install vcpkg**

Download and install vcpkg (<https://vcpkg.io/en/getting-started.html>) by following the instructions on their GitHub page.

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| **.\vcpkg\vcpkg install gdal:x64-windows** |

# **Integrate vcpkg**

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| **.\vcpkg\vcpkg integrate install** |

# **Convert the .cpp file to exe**

Open the property page and direct to the “Code Generation” and then select “Multi-threaded Debug DLL (/MDd)”

A screenshot of a computer

Description automatically generated

Select “Release” and x64 and then click “Local Windows Debugger”

A screenshot of a computer

Description automatically generated

Open the folder “x64/Release” and find the **exe**

A screenshot of a computer

Description automatically generated

Use the exe file to calculate the relative Boltzmann entropy of “test\_integer.tif”. The results are as follows:

A screen shot of a computer

Description automatically generated