

```
1  # -*- coding: utf-8 -*-
2  """
3  created on: 2024-03-18
4  @author:    Jasper Heuer
5  use:        merge raster datasets into single file
6  """
7
8  # import packages =====
9
10 import os
11 import glob
12 from osgeo import gdal
13
14 # import data =====
15
16 base_path = "C:/Jasper/Master/Thesis/Data/Arctic_DEM/"
17 os.chdir(base_path)
18
19 file_list = glob.glob("./raw/*.tif")
20
21 # merge rasters =====
22
23 vrt = gdal.BuildVRT("./merged.vrt", file_list) # build virtual raster from file list
24 gdal.Translate("./merged_DEM.tif", vrt, xRes=2, yRes=-2) # specify resolution of output raster
25
26 # set data to none:
27 vrt = None
28
29 # clean drive =====
30
31 os.remove("./merged.vrt")
32
```