In [ ]:

```python
#DWG į shp rėmelį konvertavimas
import os
import fnmatch
import shutil
import arcpy
import pandas as pd

# Įvesti folderi kur yra dwg failai

folderio_kelias = r'C:\Darbas\Ignalina'

dwg_remeliai = r'C:\skriptai\dwg_remeliai'

# Įvesti folderi kur saugosim remus

gdb_folder_kelias = r'C:\temp\shp_remeliai\gdb/'

# Išsaugo nesugeneruotus dwg i excel failą

excel_trukstami = r'C:\temp\shp_remeliai\gdb\dissolve/dwg_remeliai\trukstami.xls'

#Daugiau nieko daryti nereikia

gdb_folder_kelias = dwg_remeliai + '\temp\gdb/'
dissolve_folderis = gdb_folder_kelias + 'dissolve/'

list_dwg_path = []
list_dwg_polygon = []
list_folder_path = []
list_dwg_file = []
database_list = []
trukstami = []
i=0
remeliai = dwg_remeliai + '/dwg_remeliai.shp'
arcpy.CreateFeatureclass_management(dwg_remeliai, "dwg_remeliai.shp", "POLYGON")
arcpy.AddField_management(remeliai, "dwg_path", "TEXT")
arcpy.AddField_management(remeliai, "dwg", "TEXT")
arcpy.AddField_management(remeliai, "folder", "TEXT")
for dirpath, dirnames, files in os.walk(folderio_kelias):
        for file_name in files:
            if fnmatch.fnmatch(file_name, '*.dwg'):
                # Sukuria list dwg nuorodai, failams ir poligonams
                dwg_nuoroda = dirpath+'\\'+file_name
                dwg_polygonas = dwg_nuoroda + '\\Polygon'
                folder_path = dirpath
                dwg_file = file_name
                list_dwg_path.append(dwg_nuoroda)
                list_dwg_polygon.append(dwg_polygonas)
                list_folder_path.append(folder_path)
                list_dwg_file.append(dwg_file)
                try:
                    a = gdb_folder_kelias + "polygon_feature"+str(i)+".gdb"
                    poligonas = arcpy.FeatureToPolygon_management(dwg_polygonas, a)
                    b = dissolve_folderis + "dissolve"+str(i)+".shp"
                    arcpy.Dissolve_management(poligonas, b)
                    arcpy.AddField_management(b, "dwg_path", "TEXT")
                    arcpy.AddField_management(b, "dwg", "TEXT")
                    arcpy.AddField_management(b, "folder", "TEXT")
                    c = b[0:-4]+".dbf"
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```python
                with arcpy.da.UpdateCursor(c, "dwg_path") as cursor:
                    for row in cursor:
                        row[0] = dwg_nuoroda
                        cursor.updateRow(row)
                with arcpy.da.UpdateCursor(c, "dwg") as cursor:
                    for row in cursor:
                        row[0] = dwg_file
                        cursor.updateRow(row)
                with arcpy.da.UpdateCursor(c, "folder") as cursor:
                    for row in cursor:
                        row[0] = folder_path
                        cursor.updateRow(row)
                arcpy.Append_management(c,remeliai, "NO_TEST")
                i = i+1
            except Exception:
                trukstami.append(dwg_nuoroda)
                i = i+1

trukstami_df = pd.DataFrame({'trukstami_dwg':trukstami})
trukstami_df.to_excel(excel_trukstami)
```