#!/usr/bin/python

import re

import os

import subprocess

import os.path

import shutil

import sys

import threading

from os import path

f = 'uday.txt' #ndm path file

ndmpath1 = []

var = "/nfs/sc/disks/dg2.soc.lv.02/uk/env.pl"

print (f)

with open(f) as pastry:

line = pastry.readline()

while line:

if not line.strip():

sys.exit()

line = "".join(line.split("\n"))

basepath = os.path.basename(line)

#print(basepath)

basepath = "".join(basepath.split("\n"))

basepath1 = basepath.replace(".ndm","")

print(basepath1)

basepath1 = basepath1.replace(" ","")

current\_directory = os.getcwd()

rej = os.path.join(current\_directory, basepath1)

print(basepath)

basepath = basepath.replace(" ", "")

print("done")

mypath = ""

mkpath = "mkdir "+basepath1+"/dbs/no\_label/ndbs/ -p"

mypath = os.path.join(current\_directory, basepath1,"dbs","no\_label","ndbs")

mypath2 = os.path.join(current\_directory, basepath1,"dbs","no\_label","ndbs")

mypath1 = os.path.join(current\_directory, basepath1)

try:

if not os.path.exists(mypath):

os.system(mkpath)

#os.chdir(mypath)

#subprocess.call('wash -n dgn7fe dgn7 dgp datools intelall user soc socenv')

except OSError as err:

print(err)

#os.chdir(mypath)

#subprocess.call('wash -n dgn7fe dgn7 dgp datools intelall user soc socenv')

os.chdir(mypath2)

print(os.getcwd())

cmd = "cp -rf"+line+" ."

os.chdir(mypath2)

os.system(cmd)

os.chdir(current\_directory)

newpath = shutil.copy('env.pl', rej)

os.chdir(rej)

pipe = subprocess.Popen(["perl", "env.pl" , var])

pipe.wait()

os.chdir(mypath)

print(os.getcwd())

print(os.chdir(mypath))

if (os.path.exists(mypath)== True):

os.chdir(mypath1)

ntwtopds = "nwt2pds.pl -cell "+basepath1+" -design "+basepath1+" -flow "+basepath+" -no\_verilog -pds \"drc\" -log drc.log"

print(ntwtopds)

os.system(ntwtopds)

os.chdir(mypath)

ndmpath1.append("lib.ndm for " +str(basepath1 ) +str(os.path.exists('lib.ndm')))

print ndmpath1

os.chdir(current\_directory)

line= pastry.readline()