# Interface configuration file for SimLink - 2017

#

# This is the configuration file for the SimLink Interface program

# used in conjunction with the OpenPLC and the Simulink application.

# In order to send and receive data between the Simulink and the

# OpenPLC stations, SimLink needs to know the IP address for the

# machine running the Simulink application and also information

# about the exported variables for each OpenPLC station.

#

# To add variables to one station, type the name of the station

# followed by the command "add" plus the type of variable you

# want to be added. The number after the "=" sign is the UDP

# port used by the simulink UDP connection to send or receive

# the variable. Ex: station0.add(digital\_out) = "10001"

#

# The variables added to the station will be connected to the

# OpenPLC buffer in the order they appear. Therefore, the first

# digital\_out will be connected to OpenPLC %QX0.0 (coils buffer

# at position 0.0). The second digital\_out will be %QX0.1 and so on...

#

# Different types of variables (digital\_out, analog\_in) are

# connected to different buffers. Therefore if after the two

# digital\_out's mentioned above there is a analog\_in, it will

# be connected to %IW0 (analog input buffer position 0)

# This file was automatically generated for Forsyth\_Street\_3Phases\_woTiming\_runtime.st

num\_stations = "1"

comm\_delay = "100"

simulink.ip = "172.17.0.2"

# this interface file and simlink file will run in the docker container,

# so this ip should always be localhost except in unusual circumstances

station0.ip = "localhost"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 319

# N\_G AT %QX0.0 : BOOL;

station0.add(digital\_out) = "26058"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 320

# S\_G AT %QX0.1 : BOOL;

station0.add(digital\_out) = "26059"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 321

# E\_G AT %QX0.2 : BOOL;

station0.add(digital\_out) = "26060"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 322

# W\_G AT %QX0.3 : BOOL;

station0.add(digital\_out) = "26061"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 323

# N\_Y AT %QX0.4 : BOOL;

station0.add(digital\_out) = "26062"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 324

# S\_Y AT %QX0.5 : BOOL;

station0.add(digital\_out) = "26063"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 325

# E\_Y AT %QX0.6 : BOOL;

station0.add(digital\_out) = "26064"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 326

# W\_Y AT %QX0.7 : BOOL;

station0.add(digital\_out) = "26065"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 327

# N\_R AT %QX1.0 : BOOL;

station0.add(digital\_out) = "26066"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 328

# S\_R AT %QX1.1 : BOOL;

station0.add(digital\_out) = "26067"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 329

# E\_R AT %QX1.2 : BOOL;

station0.add(digital\_out) = "26068"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 330

# W\_R AT %QX1.3 : BOOL;

station0.add(digital\_out) = "26069"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 331

# N\_LY AT %QX1.4 : BOOL;

station0.add(digital\_out) = "26070"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 332

# S\_LY AT %QX1.5 : BOOL;

station0.add(digital\_out) = "26071"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 333

# E\_LY AT %QX1.6 : BOOL;

station0.add(digital\_out) = "26072"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 334

# W\_LY AT %QX1.7 : BOOL;

station0.add(digital\_out) = "26073"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 335

# N\_LG AT %QX2.0 : BOOL;

station0.add(digital\_out) = "26074"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 336

# S\_LG AT %QX2.1 : BOOL;

station0.add(digital\_out) = "26075"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 337

# E\_LG AT %QX2.2 : BOOL;

station0.add(digital\_out) = "26076"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 338

# W\_LG AT %QX2.3 : BOOL;

station0.add(digital\_out) = "26077"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 339

# N\_LR AT %QX2.4 : BOOL;

station0.add(digital\_out) = "26078"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 340

# S\_LR AT %QX2.5 : BOOL;

station0.add(digital\_out) = "26079"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 341

# E\_LR AT %QX2.6 : BOOL;

station0.add(digital\_out) = "26080"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 342

# W\_LR AT %QX2.7 : BOOL;

station0.add(digital\_out) = "26081"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 343

# N\_P AT %QX3.0 : BOOL;

station0.add(digital\_out) = "26082"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 344

# S\_P AT %QX3.1 : BOOL;

station0.add(digital\_out) = "26083"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 345

# E\_P AT %QX3.2 : BOOL;

station0.add(digital\_out) = "26084"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 346

# W\_P AT %QX3.3 : BOOL;

station0.add(digital\_out) = "26085"

# Generated from Forsyth\_Street\_3Phases\_woTiming\_runtime.st on line 347

# Offset\_out AT %QW1 : INT;

station0.add(digital\_out) = "26086"