pykis.py demo application

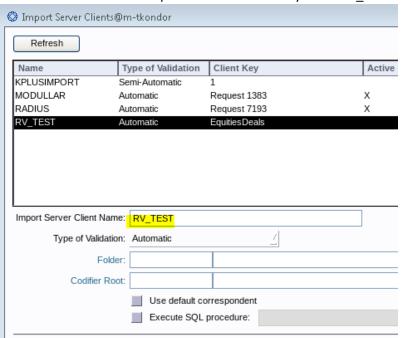
Disclaimer.

It is my first Python application. Sorry.

Pykis was tested only on win64, and may be work on linux. But you need tibrv*.so libraries. Sorry.

For run pykis.py you need:

- 1. If you do not have Tibco RV dll on your path, add *.dll files. I put it in python.exe catalog.
- 2. In K+ interface add new Import Server Client in my case "RV_TEST"



3. Switch kis to RENDEZVOUS_MODE in entities/Standalone/config/kis.params

```
#
#
#
# Name of the Kondor+ Import Server port defined
# between the Kondor+ Import Server and the clier
# default: kis_port
KIS_PORTNAME kis_port
#
#
#
# Defines the output directory for Kondor+ Import
# default: /usr/kplushome/entities/Standalone/log
LOGDIR /usr/kplushome/entities/Standalone/log/periphe
#
#
# Number of days before the Kondor+ Import Server
# If you do NOT want the log files to be deleted,
# default: 15
LOGREMOVE 15
#
#
# Allows KIS to communicate with clients either b
# by means of Tib/Rendezvous
# default: TCP_IP_MODE
#COMM_MODE TCP_IP_MODE
#COMM_MODE TCP_IP_MODE
##
# Is KIS allowed to add/modify users
# default: TRUE
ALLOW_USER_MODIFICATION TRUE
#
# #
```

And restart kis

If you pass verbose flag you can get link to RV web interface startksrv Standalone kis -vALL > /kis.log

4. Edit init section in pykis.py

```
serv = "kis_port" (from kis.params file)
host = "kondor" (K+ server name)
codifier = "RV_TEST" (from Import Server Client interface)
daemon = "tcp:" + host + ":7500" (may be you need to change default RV port)
network = ""
service = "8888" (from kis.params file)
dateformat = "DD/MM/YYYY" (you can try to change it if you receive KIS error)
```

- 5. Change deal params in pykis.py
 - a. Date
 - b. Equity
 - c. Folder
 - d. etc.

pykis.py output

Connect...

Version is 8.5.0 version of rv dll

Connect to daemon tcp:<server name>:7500

Listening on: _INBOX.AC12C437.3C42205F22C58F11D8.1

Send to: OKAPI.INBOX_REQUEST.kis_port.<server name>

Successfull identification if you sent wrong information kis will not answer it, you can check kis string from RV web interface

Connected to KIS

Send EquitiesDeals message

Send to: _INBOX.AC12C437.DDCEBA85F21C74A443F.1

{Type=2 Inbox="_INBOX.AC12C437.DDCEBA85F21C74A443F.1" Key="EquitiesDeals" Data Type=6 KPLUSFEED={Kondor+TableId="0" Connection_Acknowledgement="kis"}} Acknowledgement from kis

Recieve: _INBOX.AC12C437.3C42205F22C58F11D8.1 _INBOX AC12C437

{Type=2 Inbox="_INBOX.AC12C437.DDCEBA85F21C74A443F.1" Key="EquitiesDeals" Data Type=6 KPLUSFEED={Kondor+TableId="-2118"}} if all is OK you get K+ EquitiesDeals_Id

Recieve: _INBOX.AC12C437.3C42205F22C58F11D8.1 _INBOX AC12C437

Deal in K+

- CMI											
© Equity/Commodity Deal@m-tkondor											×
Quick Search:	-2118 🗘	Advanced Sear	ch			/	Ø	0	<u>a</u>	3	X
Deal:	SIM_IMP_EQU:2118			Date-Time: 30/0	/07/2020 16:05:19						
Hierarchy:	D_REGION \ D_ENTITY \ MODELKPLUS \ TEST_FX										
Block Number:	22337984 Version: Versions					User: KPLUS					
Quick Inpu	t: BUY TEST AAPL Q	12.00 333.50 U	SD DEFAULT								
Folde	r: TEST	TEST GATE				ø	*	\vee	0	Buy	r
Counterparty	<i>y</i> :					ø	*	\forall) Sel	
Equity	AAPL	APPLE_INC				ø	*	\vee			
Trade Date	25/01/2020	Payment Date:	27/01/2020 🗘	Sert. Mode:	None	6			4		
		Settl. Date:	27/01/2020 💠	Clearing Mode:	DEF	AULT			ø		
Deal Currency	/: USD 🔑 🐼 🔻			Unit					٩		
Quantity	/: 12.0000000	0		Exchange Rate:							
Price	9: 333.5000000	0 USD		Gross Amount:				4	4 002.0	0 US	D
Price	333.5000000	o WSD		Gross Amount				4	4 002.0	0 385	Ø
Fixing Dat				Estimated Price:							

Thanks.