OpenRTM-aist (Python) - [illegible] #3402

[illegible]

12/22/2015 09:43 AM - n-ando

Status:	[illegible]	**Start date:**	12/22/2015
Priority:	[illegible]	**Due date:**	03/25/2016
Assignee:	miyamoto	**% Done:**	100%
Category:		**Estimated time:**	30.00 hours
Target version:	RELEASE_1_2_0		

Description

[illegible](rtc.conf)[illegible]

Associated revisions

Revision 634 - 02/01/2016 01:25 PM - miyamoto

[incompat,new_func,->RELENG_1_2] add initPreConnection() to Manager. refs #3402

Revision 646 - 02/01/2016 07:35 PM - miyamoto

[incompat,new_func,->RELENG_1_2] add initPreConnection() to Manager. refs #3402

History

#1 - 01/14/2016 04:16 PM - miyamoto

- Due date set to 03/25/2016

- Assignee set to miyamoto

- Target version set to RELEASE_1_2_0

- % Done changed from 0 to 90

- Estimated time set to 30.00 h

#2 - 01/14/2016 07:59 PM - miyamoto

- File test_Manager_new.py added

[illegible]

Manager.py[illegible]initPreConnection[illegible]

rtc.conf[illegible]

manager.components.preconnect: RTC0.port0:RTC0.port1(interface_type=corba_cdr&dataport.dataflow_type=pull),RTC2.port2:RTC3.port3()

[illegible]initPreConnection[illegible]

","[illegible]
connectors = str(self._config.getProperty("manager.components.preconnect")).split(",")
→
["RTC0.port0:RTC0.port1(interface_type=corba_cdr&dataport.dataflow_type=pull)", "RTC2.port2:RTC3.port3()"]

connectors[illegible]**"("**[illegible]
conn_prop = c.split("(")
→
["RTC0.port0:RTC0.port1","interface_type=corba_cdr&dataport.dataflow_type=pull)"]

conn_prop [1][illegible]**")"**[illegible]
conn_prop[1] = conn_prop[1].replace(")","")
→
"interface_type=corba_cdr&dataport.dataflow_type=pull"

conn_prop [0][illegible]**":"**[illegible]
comp_ports = conn_prop [0].split(":")

→
["RTC0.port0","RTC0.port1"]

comp_ports **"."**
comp0_name = comp_ports [0].split(".")[0]
→
["RTC0","port0"]

comp0_name
comp0 = self.getComponent(comp0_name)
port0_var = OpenRTM_aist.CORBA_RTCUtil.get_port_by_name(comp0.getObjRef(), comp_ports [0])

conn_prop [1] **"&"**
opt_props = conn_prop [1].split("&")
→
["interface_type=corba_cdr","dataport.dataflow_type=pull"]

opt_props **"="**
temp = o.split("=")
→
["interface_type","corba_cdr"]

prop.setProperty("dataport."+temp [0],temp [1])

OpenRTM_aist.CORBA_RTCUtil.connect(c, prop, port0_var, port1_var)

initPreConnection activateManager rtc.conf
manager.components.precreate RTC

setUp

self.dataPortConnectorName = "TestComp20.in:TestComp10.out(interface_type=direct)"
self.servicePortConnectorName = "TestComp10.service:TestComp20.service()"
sys.argv.extend(['-o', 'manager.components.preconnect:'+self.dataPortConnectorName+","+self.servicePortConnectorName])

self.manager = OpenRTM_aist.Manager.init(sys.argv)
self.manager.setModuleInitProc(MyModuleInit)
self.manager.activateManager()

→MyModuleInit TestComp10 TestComp20 in out service

test_PreConnection

ans = OpenRTM_aist.already_connected(inport, outport)
self.assertTrue(ans)

self.assertEqual(prop.getProperty("dataport.interface_type"),"direct")

ans = OpenRTM_aist.already_connected(provided, required)
self.assertTrue(ans)

#3 - 02/26/2016 06:41 PM - miyamoto

- File test_Manager_new.py added

#3404の実装のために、ポート名の間の記号を":"から"^"に変更した。

```
manager.components.preconnect: RTC0.port0^RTC0.port1(interface_type=corba_cdr&dataport.dataflow_type=pull),RTC2.port2^RTC3.port3()
```

#4 - 03/17/2016 10:58 AM - miyamoto

- % Done changed from 90 to 100

#5 - 08/30/2017 02:19 PM - n-ando

- Status changed from 新規 *to* 終了

Files

test_Manager_new.py	7.37 KB	01/14/2016	miyamoto
test_Manager_new.py	7.38 KB	02/26/2016	miyamoto