

# OpenRTM-aist (Java) - #4212

## Java Start RTC daemon(windows)

10/04/2017 01:59 PM - katami

<b>Status:</b>		<b>Start date:</b>	10/04/2017
<b>Priority:</b>		<b>Due date:</b>	
<b>Assignee:</b>	katami	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	RELEASE_1_2_0		
<b>Description</b>			
rtcd_java			
C:\Program Files\OpenRTM-aist\1.1.2\bin>rtcd_java.exe -d This program needs Java to run. Please download it at <a href="http://www.java.com">http://www.java.com</a>			
32 Java(jre)			
rtcd_java JSmooth.jar.exe JSmooth32 Java			
<b>Related issues:</b>			
Related to OpenRTM-aist (Java) - #4272: rtcprof_java.exe			10/18/2017

### History

#1 - 10/04/2017 04:21 PM - katami

#### rtcd\_java

Manager RTC OpenRTM-aist c++ Java Manager  
msi C++ python java  
rtcd\_java OpenRTM-aist Java(OpenRTM-aist-x.x.jar) Java Manager  
rtcd\_java Manager

JVM  
JSmooth(rtc.jsmooth.in) <JVMSearchPath> JVM path

```
<?xml version="1.0" encoding="ISO-8859-1"?>  
<jsmoothproject>  
<JVMSearchPath>registry</JVMSearchPath>  
<JVMSearchPath>javahome</JVMSearchPath>  
<JVMSearchPath>jrepath</JVMSearchPath>  
<JVMSearchPath>jdkpath</JVMSearchPath>  
<JVMSearchPath>exepath</JVMSearchPath>  
<JVMSearchPath>jview</JVMSearchPath>
```

→ JAVA\_HOME → JRE\_PATH → JDK\_PATH → PATH  
JAVA\_HOME JRE\_PATH JDK\_PATH JAVA\_HOME rtcd\_java

```
>set JAVA_HOME=C:\Program Files\Java\jre1.8.0_144  
>rtcd_java -d
```

```
>set RCTREE_NAMESERVERS=localhost  
>rtls localhost/.host_cxt -l
```

```
-- -- manager.mgr
```

0000000000000(00)

```
>echo %PATH%
```

```
C:\ProgramData\Oracle\Java\javapath;C:\Program Files (x86)\Parallels\Parallels Tools\Applications;C:\Windows\system32;
```

```
java C:\ProgramData\Oracle\Java\javapath; bin java.exe
```

0 0

00000000000000000000

- JAVA\_HOME  
1.1.2  
JAVA\_HOME

```
JAVA_HOME=C:\Program Files\Java\jre1.8.0_144
```

- jre  
1.2.0  
jre rtcd\_java.bat JAVA\_HOME

```
set JAVA_HOME=..\jre  
@rtcd_java.exe -d
```

OpenRTM-aist Java jre

- jre OpenRTM-aist Java jar (examples)  
rtcd\_java.exe jar

## Start RTC daemon 0 0

Start RTC daemon 0000000000000

```
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\OpenRTM-aist 1.1.2\Java\Tools\Start RTC daemon
```

```
↓  
"C:\Program Files\OpenRTM-aist\1.1.2\bin\rtcd_java.bat" -d
```

```
↓  
C:\Program Files\OpenRTM-aist\1.1.2\bin\rtcd_java.exe
```

- rtcd\_java.bat

```
@rtcd_java.exe -d
```

## rtcd.jar exe (rtcd\_java.exe)

```
rtcd_java.bat(bat)exe(rtcd_java.exe)java rtcd rtcd_java.exe Manager  
OpenRTM-aist Jar
```

```
set CLASSPATH=.;./rtcd.jar;./OpenRTM-aist-1.2.0.jar;./commons-cli-1.1.jar  
java rtcd.rtc -d -f ./rtcd_java.conf
```

```
java jar Manager
```

jar\rtcd\rtcd.exe(rtc\_d\_java.exe)

**#2 - 10/10/2017 10:06 AM - katami**

- Status changed from to
- Assignee set to katami
- Target version set to RELEASE\_1\_2\_0
- % Done changed from 0 to 50

**#3 - 10/18/2017 02:31 PM - katami**

- Related to #4272: rtcprof\_java.exe added

**#4 - 10/27/2017 05:31 PM - katami**

exe.bat

bat\rtcd\dos\exe.bat

- JAVA\_HOME
- jsmooth(jar\exe)
- rtc\_d\_java.bat

```
@echo off
```

```
call set_classpath.bat
set CLASSPATH=%CLASSPATH%;%RTM_JAVA_ROOT%\jar\rtc_d.jar;
java rtc_d.rtc_d %*
```

- rtc\_d\_java.bat\rtcprof\_java.bat\%RTM\_ROOT%\bin\vc\*

**#5 - 12/06/2017 03:00 PM - katami**

- % Done changed from 50 to 100