

# OpenRTM-aist (C++) - #2337

## RTC inherit\_prop, DefaultConfiguration

02/03/2012 11:30 AM - n-ando

<b>Status:</b>		<b>Start date:</b>	02/03/2012
<b>Priority:</b>		<b>Due date:</b>	
<b>Assignee:</b>	n-ando	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

### Description

RTC inherit\_prop  
exec\_cxt -> ec  
synchronous transition  
ec periodic event driven

Manager.cpp

```
+ "ec.type",  
+ "ec.rate",  
+ "ec.synchronous_transition",  
+ "ec.synchronous_activation",  
+ "ec.synchronous_deactivation",  
+ "ec.synchronous_reset",  
+ "ec.transition_timeout",  
+ "ec.activation_timeout",  
+ "ec.deactivation_timeout",  
+ "ec.reset_timeout",  
+ "exec_cxt.periodic.type",  
+ "exec_cxt.periodic.rate",  
- "exec_cxt.evdriven.type",
```

for (int i(0); inherit\_prop[i][0] != '\0'; ++i)

```
{  
    const char* key(inherit_prop[i]);  
-    prop[key] = m_config[key];  
+    if (m_config.findNode(key) != NULL)  
+    {  
+        prop[key] = m_config[key];  
+    }  
}
```

### DefaultConfiguration

Index: DefaultConfiguration.h

```
--- DefaultConfiguration.h      (revision 2275)  
+++ DefaultConfiguration.h      (working copy)  
@@ -72,9 +72,10 @@  
     "corba.nameservers",          "localhost",  
     "corba.master_manager",      "localhost:2810",  
     "corba.nameservice.replace_endpoint", "NO",  
-     "exec_cxt.periodic.type",    "PeriodicExecutionContext",
```

```

-   "exec_cxt.periodic.rate",           "1000",
-   "exec_cxt.evdriven.type",         "EventDrivenExecutionContext",
+   "ec.type",                         "PeriodicExecutionContext",
+   "ec.rate",                          "1000",
+   "ec.synchronous_transition",       "YES",
+   "ec.transition_timeout",           "0.5",
    "manager.modules.load_path",       "./",
    "manager.modules.abs_path_allowed", "YES",
    "manager.is_master",               "NO",

```

**Related issues:**

Related to OpenRTM-aist (Java) - #2338: RTC inherit\_prop ... 02/03/2012

**Associated revisions**

**Revision 2290 - 02/03/2012 11:35 AM - n-ando**

[compat,impl,header,newfunc] Default and inherited configurations have been updated for new EC. Now non-empty properties are only inherited. refs #2337

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**Revision 2297 - 02/04/2012 02:18 AM - n-ando**

[compat,impl,func] ec->exec\_cxt, synchronous->sync in rtc.conf. refs #2337

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[compat,impl,func] ec->exec\_cxt, synchronous->sync in rtc.conf. refs #2337

**Revision 2297 - 02/04/2012 02:18 AM - n-ando**

[compat,impl,func] ec->exec\_cxt, synchronous->sync in rtc.conf. refs #2337

**History**

**#1 - 02/03/2012 11:36 AM - n-ando**

- Status changed from to
- % Done changed from 0 to 100

**#2 - 02/04/2012 02:16 AM - n-ando**

- Status changed from to
- % Done changed from 100 to 80

rtc.conf exec\_cxt ec

- ec->exec\_cxt (config EC ec)
- synchronous\_xxx sync\_xxx
- exec\_cxt.event\_driven.type

Index: Manager.cpp

```

--- Manager.cpp (revision 2290)
+++ Manager.cpp (working copy)
@@ -656,18 +656,17 @@

```

```
"os.hostname",
"corba.endpoint",
"corba.id",
- "ec.type",
- "ec.rate",
- "ec.synchronous_transition",
- "ec.synchronous_activation",
- "ec.synchronous_deactivation",
- "ec.synchronous_reset",
- "ec.transition_timeout",
- "ec.activation_timeout",
- "ec.deactivation_timeout",
- "ec.reset_timeout",
"exec_cxt.periodic.type",
"exec_cxt.periodic.rate",
+ "exec_cxt.event_driven.type",
+ "exec_cxt.sync_transition",
+ "exec_cxt.sync_activation",
+ "exec_cxt.sync_deactivation",
+ "exec_cxt.sync_reset",
+ "exec_cxt.transition_timeout",
+ "exec_cxt.activation_timeout",
+ "exec_cxt.deactivation_timeout",
+ "exec_cxt.reset_timeout",
"logger.enable",
"logger.log_level",
"naming.enable",
```

### #3 - 02/06/2012 03:18 PM - n-ando

- Status changed from [] to []

- % Done changed from 80 to 100