

OpenRTM-aist (C++) - #3658

ExecutionContextWorker::removeComponent

10/11/2016 03:06 PM - n-miyamoto

Status:		Start date:	10/11/2016
Priority:		Due date:	
Assignee:	miyamoto	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	RELENG_1_2		

Description

ExecutionContextWorker::removeComponent
m_removedMutex
updateComponentLi

```
Guard removeGuard(m_removedMutex);  
m_removedComps.push_back(rtobj);  
Guard guard(m_mutex);  
if (!m_running) { updateComponentList(); }
```

Associated revisions

Revision 2780 - 10/13/2016 01:56 PM - n-ando

[compat,bugfix,->RELENG_1_2] Potential deadlock mutexes are now put into limited scopes. refs #3658

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History

#1 - 10/13/2016 01:54 PM - n-ando

- Assignee set to miyamoto
- Target version set to RELENG_1_2
- % Done changed from 0 to 90

mutex

```
-----  
--- ExecutionContextWorker.cpp (2778)  
+++ ExecutionContextWorker.cpp (2778)  
@@ -143,7 +143,7 @@  
    * @brief Changing execution rate of the ExecutionContext  
    * @endif  
    */  
- RTC::ReturnCode_t ExecutionContextWorker::rateChanged(void)  
+ RTC::ReturnCode_t ExecutionContextWorker::rateChanged()  
  {  
    RTC_TRACE(("rateChanged()"));  
    // invoke on_shutdown for each comps.  
@@ -367,12 +367,15 @@  
    RTC_ERROR(("no RTC found in this context."));  
    return RTC::BAD_PARAMETER;  
  }  
- Guard removeGuard(m_removedMutex);  
- m_removedComps.push_back(rtobj);  
-  
+ {  
+   Guard removeGuard(m_removedMutex);
```

```
+     m_removedComps.push_back(rtobj);
+ }
+ // if EC is stopping, update component list immediately.
- Guard guard(m_mutex);
- if (!m_running) { updateComponentList(); }
+ {
+     Guard guard(m_mutex);
+     if (!m_running) { updateComponentList(); }
+ }

return RTC::RTC_OK;
}
```

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#2 - 11/01/2016 06:21 PM - n-miyamoto

- Status changed from □□ to □□
- % Done changed from 90 to 100

PeriodicExecutionContextTests□test_removeComponent□□□□□□□□□□□□□□□□

#3 - 08/30/2017 12:17 PM - n-ando

- Status changed from □□ to □□