

00 - 00 #3653

[FSM4RTC] HRTM

10/07/2016 02:34 PM - n-ando

Status:	00	Start date:	10/07/2016
Priority:	00	Due date:	
Assignee:	n-ando	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	RELENG_2_0		
Description			
HRTM libHRTM libRTC			

Associated revisions

Revision 2763 - 10/07/2016 10:32 AM - n-ando

[FSM4RTC,2.0] Some dummy headers have been added for HRTM porting. refs #3653

Revision 2765 - 10/07/2016 02:42 PM - n-ando

[FSM4RTC,2.0] libRTC wrapper lib for libHRTM has been implemented. It still has some bugs. refs #3653

Revision 2770 - 10/07/2016 04:31 PM - n-ando

[FSM4RTC,2.0,win32] libHRTM source and build proj file prepared for win32. refs #3653

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Revision 2772 - 10/07/2016 04:34 PM - n-ando

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Revision 2772 - 10/07/2016 04:34 PM - n-ando

[FSM4RTC,2.0,win32] libHRTM source and build proj file prepared for win32. refs #3653

Revision 2783 - 10/14/2016 09:40 AM - n-ando

[FSM4RTC,bugfix] Manager/ComponentManager initialization bug has been fixed. refs #3653

Revision 2783 - 10/14/2016 09:40 AM - n-ando

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Revision 3113 - 12/11/2017 06:02 AM - n-ando

merged changes from branches/FSM4RTC/OpenRTM-aist r2763-2769:
[FSM4RTC,HRTM,->RELENG_2_0] Some dummy headers have been added for HRTM porting. refs #3653
[FSM4RTC,HRTM,->RELENG_2_0] Fsm example code from hrtm has been added for HRTM porting. refs #3655
[FSM4RTC,HRTM,->RELENG_2_0] libRTC wrapper lib for libHRTM has been implemented. It still has some bugs. refs #3653
[FSM4RTC,HRTM,->RELENG_2_0] Fsm component build complete, but it still has some bugs. refs #3655
[FSM4RTC,compat,->RELENG_2_0] Ignore Makefile and Makefile.in
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Revision 3114 - 12/11/2017 06:16 AM - n-ando

merged changes from branches/FSM4RTC/OpenRTM-aist r2770-2772, Makefile.ams confliction resolved:
[FSM4RTC,win32,->RELENG_2_0] libHRTM source and build proj file prepared for win32. refs #3653
[FSM4RTC,win32,->RELENG_2_0] Fsm example win32 proj file prepared. refs #3655
[FSM4RTC,win32,->RELENG_2_0] libHRTM source and build proj file prepared for win32. refs #3653

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[FSM4RTC,win32,->RELENG_2_0] libHRTM source and build proj file prepared for win32. refs #3653

Revision 3115 - 12/11/2017 06:18 AM - n-ando

merged changes from branches/FSM4RTC/OpenRTM-aist r2773-2806, no confliction:
[FSM4RTC,compat,->RELENG_2_0] Some Makefile.am bugs are fixed.
[FSM4RTC,HRTM,bugfix,->RELENG_2_0] Manager/ComponentManager initialization bug has been fixed. refs #3653
[FSM4RTC,->RELENG_2_0] FSM action listener added. refs #3680
[FSM4RTC,incompat,->RELENG_2_0] renamed FsmStructureAction->FsmStructure, FsmProfileListener added. refs #3680
[FSM4RTC,incompat,->RELENG_2_0] FSM listeners add/remove operations are added to RTOject. refs #3681
[FSM4RTC,ext,example,->RELENG_2_0] Now component observer is connected to the FSM state change operation. refs #3591
[FSM4RTC,HRTM,->RELENG_2_0] updateFsmStatus now calls RTOject::onFsmStateChanged(). refs #3681
[compat,formatting,->RELENG_1_2,->RELENG_2_0] Braces added.
[incompat,->RELENG_1_2,->RELENG_2_0] std::ostream operations have been added to NVUtil.

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History

#1 - 10/07/2016 04:31 PM - n-ando

- % Done changed from 0 to 30

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- component_manager.h
- data_flow_component.h
- defs.h
- in_port.h
- logger.h
- out_port.h
- properties.h
- statechart.h
- utils.h
- version.h
- component_manager.cpp
- data_flow_component.cpp
- logger.cpp
- properties.cpp
- statechart.cpp

#2 - 10/07/2016 05:22 PM - n-ando

Fsm□□□□□□→2□□□□□□□□□□□□

```
Oct 06 22:20:07.539 TRACE: manager: Manager::initORB()
Oct 06 22:20:07.543 TRACE: manager: Manager::initNaming()
Oct 06 22:20:07.557 TRACE: manager: Manager::initFactories()
Oct 06 22:20:07.559 TRACE: manager: Manager::registerFactory(PeriodicECSharedComposite)
Oct 06 22:20:07.559 TRACE: manager: Manager::initExecContext()
Oct 06 22:20:07.559 TRACE: manager: Manager::initComposite()
Oct 06 22:20:07.559 TRACE: manager: Manager::initManagerServant()
2□□
Oct 06 22:20:07.564 TRACE: manager: Manager::initORB()
Oct 06 22:20:07.564 TRACE: manager: Manager::initNaming()
Oct 06 22:20:07.568 TRACE: manager: Manager::initFactories()
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Oct 06 22:20:07.568 TRACE: manager: Manager::initExecContext()
Oct 06 22:20:07.568 TRACE: manager: Manager::initComposite()
Oct 06 22:20:07.568 TRACE: manager: Manager::initManagerServant()
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Oct 06 22:20:07.569 TRACE: manager: Manager::initLocalService()
Oct 06 22:20:07.569 TRACE: manager: Manager::activateManager()
Oct 06 22:20:07.569 TRACE: manager: Manager::registerFactory(Fsm)
```

#3 - 10/14/2016 09:39 AM - n-ando

- Status changed from 00 to 00

- % Done changed from 30 to 60

ComponentManager

ComponentManager ComponentManager instance() static RTC::Manager::manager ComponentManager singleton
RTC::Manager FsmComp

```
--- hrtm/component_manager.cpp (2768)
+++ hrtm/component_manager.cpp ( )
@@ -56,6 +56,7 @@
 }
 ComponentManager& ComponentManager::instance(int argc, char** argv)
 {
+
+ // DCL for singleton
+ if (!manager)
+ {
@@ -63,6 +64,8 @@
+     if (!manager)
+     {
+         manager = new ComponentManager();
+         RTC::Manager::manager = manager;
+         printf("init ComponentManager: %x\n", manager);
+         manager->initManager(argc, argv);
+         manager->initLogger();
+         manager->initORB();
+     }
+ }
```

h.2

FsmComp ConsoleOutComp

diff
Manager

```
--- consout_clean.log 2016-10-13 22:14:44.358732000 +0900
+++ fsm_clean.log 2016-10-13 22:14:57.642732000 +0900
@@ -15,7 +15,7 @@
- instance_name: manager
- name: manager
- naming_formats: %h.host_cxt/%n.mgr
- pid: 27892
+ pid: 27776
- refstring_path: /var/log/rtcmanager.ref
- modules
- load_path: ./
@@ -56,7 +56,7 @@
- hostname: ubuntu1404
- logger
- enable: YES
- file_name: ./rtc27892.log
+ file_name: fsm.log
- date_format: %b %d %H:%M:%S.%Q
- log_level: PARANOID
- stream_lock: NO
@@ -68,7 +68,7 @@
- naming
- enable: YES
- type: corba
- formats: %h.host_cxt/%n.rtc
+ formats: %n.rtc
- update
- enable: YES
- interval: 10.0
@@ -86,7 +86,7 @@
- exec_cxt
- periodic
- type: PeriodicExecutionContext
- rate: 1000
```

```

+   - rate: 1.0
+   - sync_transition: YES
+   - transition_timeout: 0.5
- sdo
@@ -95,13 +95,12 @@
+   - enabled_service: ALL
+   - consumer
+   - enabled_service: ALL
-- example
- - ConsoleOut
-   - config_file: consout.conf
- - ConsoleIn
-   - config_file: consin.conf
- - ConfigSample
-   - config_file: configsample.conf
+- logging
+ - loggers
+   - root
+     - level: trace
+   - HRTM
+     - level: trace
- config_file: ./rtc.conf

ESC[0mESC[32mOct 13 DEBUG: manager: ESC[0mcorba.endpoint:
@@ -142,11 +141,11 @@
ESC[0mESC[32mOct 13 DEBUG: manager: ESC[0m- enabled_services: ALL
- modules:

-ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::registerFactory(ConsoleOut)
-ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::createComponent(ConsoleOut)
+ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::registerFactory(Fsm)
+ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::createComponent(Fsm)
ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mRTC basic propfile vendor:
ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mRTC basic propfile category:
-ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mRTC basic propfile implementation_id: ConsoleOut
+ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mRTC basic propfile implementation_id: Fsm
ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mRTC basic propfile version:
ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::getORB()
ESC[0mESC[36mOct 13 TRACE: manager: ESC[0mManager::getPOA()

```

#4 - 10/14/2016 09:44 AM - n-ando

FsmComp activate/deactivate RTSystemEditor
FsmComp activate/deactivate

#5 - 10/14/2016 10:05 AM - n-ando

- File 02.png added
- Status changed from to
- % Done changed from 60 to 100

FsmComp EC 1.0 RTSystemEditor
RT Name Service View 2000ms
FsmComp

%E3%82%AF%E3%83%AA%E3%83%83%E3%83%97%E3%83%9C%E3%83%BC%E3%83%8902.png

#6 - 10/14/2016 10:05 AM - n-ando

- File deleted (02.png)

#7 - 10/14/2016 10:06 AM - n-ando

- File 02.png added

#8 - 02/12/2017 09:16 AM - n-ando

- Status changed from to

Files

02.png	20.1 KB	10/14/2016	n-ando
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