

## OpenRTM-aist (C++) - バグ #3708

### SimpleIOサンプルのConnectorComp.cppにおける初期化処理の修正

2016/11/15 18:26 - n.kawauchi

ステータス:	解決	開始日:	2016/11/15
優先度:	通常	期日:	
担当者:	n.kawauchi	進捗率:	100%
カテゴリ:		予定工数:	0.00時間
対象バージョン:			

#### 説明

下記投稿への対応

[openrtm-users 03328] Ubuntu 14.04 , OpenRTM C++ 1.1.xでSimpleIO ConnectorCompを実行するとinvalid pointerコアダンプが発生する

#### 環境 :

Ubuntu 14.04.5 LTS Linux 4.4.0-36-generic gcc 4.8.4 omniORB 4.1.6-2

OpenRTM-aist C++版 ソースコード OpenRTM-aist-1.1.2.tar.gz

をベースに記述いたします .

初回コンパイルを終えると ,

examples/SimpleIO/以下で./run.shを実行するとサンプルプログラムが実行されるかと思えます .

このときConnectorCompの実行時に , Name Server: localhost:9876

Subscription Type: flush push policy: skip count: connect: ConsoleIn ->

ConsoleOut \*\*\* Error in `(略)/examples/SimpleIO/.libs/lt-ConnectorComp':

free(): invalid pointer: 0x00000000040864b \*\*\* のようにinvalid

pointerエラーが発生します .

具体的には , ConnectorComp.cppの275行目 , ReturnCode\_t ret; if

(connect\_origin == "in") { ret = pin[(CORBA::ULong)0]->connect(prof); }

のconnect時にエラーが発生しています .

表面的な原因を調査しましたところ , OpenRTM-aist

1.0.2でSimpleIOを実行した際にはエラーは発生せず ,

同226行目 prof.connector\_id = (char\*)""; の部分が , OpenRTM-aist

1.0.xでは , prof.connector\_id = "" ; となっていました .

1.1.0や1.1.2でも同じく(char\*)を削除するとエラーなく実行できました .

#### 関係しているリビジョン

リビジョン 2800 - 2016/11/15 18:37 - kawauchi

Initialization of connector\_id was corrected. refs #3708

リビジョン 2800 - 2016/11/15 18:37 - kawauchi

[compat,bugfix,->RELENG\_1\_2] Initialization of connector\_id was corrected. refs #3708

リビジョン 2800 - 2016/11/15 18:37 - kawauchi

[compat,bugfix,->RELENG\_1\_2] Initialization of connector\_id was corrected. refs #3708

リビジョン 3097 - 2017/12/10 08:48 - n-ando

merged changes from trunk/OpenRTM-aist r2795-2805 during 2016-11

[incompat,bugfix,EC,->RELENG\_1\_2] EC activation bug for multiple RTCs when they activated from participants RTCs. refs #3697

[incompat,bugfix,EC,->RELENG\_1\_2] Return code was added. refs #3697

[incompat,bugfix,EC,->RELENG\_1\_2] Modified for ExtTrigExecutionContext. #3697

[compat,bugfix,->RELENG\_1\_2] refs #3703

[compat,bugfix,->RELENG\_1\_2] Initialization of connector\_id was corrected. refs #3708

[compat,->RELENG\_1\_2] ExtTrigger sample has been added in windows source package. refs #3709

[compat,1.2,->RELENG\_1\_2] Version number updated.

[incompat,->RELENG\_1\_2] CPU affinity setting has been added. refs #3711

[incompat,->RELENG\_1\_2] CPU affinity setting for ExecutionContext (only PeriodicEC) has been added. refs #3711

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## 履歴

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#1 - 2016/11/15 18:55 - n.kawauchi

- 進捗率を0から100に変更

connector\_idは、構造体 RTC::ConnectorProfile の UniqueIdentifier型のメンバ変数で、下記定義よりstring型のため、CORBA::string\_dupを使って初期化した。

```
typedef SDOPackage::UniqueIdentifier RTC::UniqueIdentifier  
typedef string SDOPackage::UniqueIdentifier
```

#2 - 2019/06/10 11:07 - n.kawauchi

- ステータスを新規から解決に変更