

Compliant Control Architecture - Bug #1250

Cannot use BaseComponents inprocess only

11/21/2012 07:09 PM - C. Emmerich

Status:	New	Start date:	11/21/2012
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	1.00 hour
Target version:	cca0.3		

Description

BaseComponents are per default **constructed** with a remote state-input-port and remote state-output-port etc. This forbids to create BaseComponents within a "inprocess"-only rsb-configuration, since at construction time a remote port is tried to created and then the following exception occurs:

```
terminate called after throwing an instance of 'std::invalid_argument'  
what(): Remote transport requested, but no remote transport is enabled in RSB configuration.
```

Backtrace:

```
#0 0xb7fe2424 in __kernel_vsyscall ()  
#1 0xb689b651 in * __GI_raise (sig=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:64  
#2 0xb689ea82 in * __GI_abort () at abort.c:92  
#3 0xb6acf52f in __gnu_cxx::__verbose_terminate_handler() () from /usr/lib/libstdc++.so.6  
#4 0xb6acd465 in ?? () from /usr/lib/libstdc++.so.6  
#5 0xb6acd4a2 in std::terminate() () from /usr/lib/libstdc++.so.6  
#6 0xb6acd5e1 in __cxa_throw () from /usr/lib/libstdc++.so.6  
#7 0xb78f9ad0 in cca::PortConfiguration::PortConfiguration(std::string const&, bool, bool, unsigned int, bool) () from  
/vol/flexirob/releases/trunk/lib/libcca.so.0.3  
#8 0xb78f8ed2 in cca::PortConfiguration::REMOTE(std::string const&, unsigned int, bool) () from  
/vol/flexirob/releases/trunk/lib/libcca.so.0.3  
#9 0xb78e4873 in cca::BaseComponent::createStateInputPort() () from /vol/flexirob/releases/trunk/lib/libcca.so.0.3  
#10 0xb78e1ee9 in cca::BaseComponent::BaseComponent(std::string const&) () from  
/vol/flexirob/releases/trunk/lib/libcca.so.0.3  
#11 0xb7f46fd4 in Kinect2RobotCalibration (this=0x80a7d60, cname=...) at ...  
#12 0xb7f46e5d in flexirob::Kinect2RobotCalibration::create (cname=...) at ...  
#13 0x08055b9b in main (ac=1, av=0xbffff0e4) at ...
```

History

#1 - 11/22/2012 02:57 PM - Anonymous

- Estimated time set to 1.00

Already handled / fixed in trunk (0.4). Will try to backport a ABI/API stable fix to 0.3.

#2 - 08/12/2013 02:19 PM - Anonymous

- Target version set to cca0.3

