

Robotics Service Bus - Bug #2008

Clean up and exit properly when receiving SIG{INT,TERM}

09/17/2014 01:30 PM - J. Moringen

Status:	Resolved	Start date:	09/17/2014
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	C++ Tools	Estimated time:	0.00 hour
Target version:	rsb-0.11		
Description			
Affected tools			
- logger-cpp			
- timesync-cpp			
- buffer-cpp			
Related issues:			
Blocked by Robotics Systems Commons - Feature # 2007: Provide a mechanism for...		Resolved	09/16/2014

Associated revisions

Revision 0350b1bb - 09/19/2014 01:04 PM - J. Moringen

Use termination signal waiting in tool main functions

fixes #2008

- src/logger/rsb/tools/logger/main.cpp: updated copyright
(include signal.h): removed; no longer needed
(include rsc/misc/SignalWaiter.h): new include; replacement
(doTerminate): removed; no longer needed
(terminateMutex): likewise
(terminateCondition): likewise
(handleSIGINT): likewise
(main): call initSignalWaiter and waitForSignal instead of setting up a signal handler to notify the condition variable
- src/timesync/rsb/tools/timesync/rsbtimesync.cpp (include signal.h): removed; no longer needed
(include unistd.h): likewise
(include rsc/misc/SignalWaiter.h): new include; replacement
(doTerminate): removed; no longer needed
(onStopSignal): likewise
(main): call initSignalWaiter and waitForSignal instead of setting up a signal handlers to toggle doTerminate
- src/simplebuffer/rsb/tools/simplebuffer/simple_runner.cpp
(include rsc/misc/SignalWaiter.h): new include
(main): call initSignalWaiter and waitForSignal instead of waiting forever

Revision 366d8d95 - 09/19/2014 03:03 PM - J. Moringen

Use rsc::misc::{waitForSignal,hasSignalArrived} in examples/**/*_cpp

refs #2008

- examples/buffer/delayed_requester.cpp (main): use
rsc::mmisc::waitForSignal
- examples/timesync/rsbts_display.cpp (main): use
rsc::misc::hasSignalArrived

History

#1 - 09/17/2014 01:30 PM - J. Moringen

- *Blocked by Feature #2007: Provide a mechanism for waiting until a termination request (e.g. SIGINT) arrives added*

#2 - 09/17/2014 01:31 PM - J. Moringen

- *% Done changed from 0 to 70*

#3 - 09/19/2014 03:00 PM - J. Moringen

- *Status changed from In Progress to Resolved*
- *% Done changed from 70 to 100*

Applied in changeset commit:rsb-tools-cpp|0350b1bb187aff176e788078f4b13ddb0fbd27bc.