art - Feature #4355

Document and verify the signal handling within art [ds50daq-related]

07/17/2013 09:33 AM - Kurt Biery

Status:	Closed		**Start date:**	07/17/2013
Priority:	High		**Due date:**	07/31/2013
Assignee:	Christopher Green		**% Done:**	100%
Category:	Application		**Estimated time:**	0.00 hour
Target version:	1.08.00		**Spent time:**	4.00 hours
Scope:			**SSI Package:**	
Experiment:				

Description

From Chris' email:

- Document signal handling within art, and ensure via tests that response to signals within art executables is consistent and as desired.

This is connected to Issue #4353 in the ds50daq project.

Related issues:

Related to ds50daq - Feature #4353: Ensure that disk files always get closed ...	**New**	07/17/2013	07/31/2013
Related to art - Bug #4458: art::shutdown_flag should be atomic	**Closed**	10/10/2013	10/10/2013
Related to art - Necessary Maintenance #4459: Signal handling should be revie...	**Accepted**		09/30/2013
Related to art - Feature #4356: Document the pattern that artdaq applications...	**Closed**	07/17/2013	07/31/2013
Related to artdaq - Bug #4083: Need to verify signal masking in multi-thread ...	**Closed**	06/12/2013	

Associated revisions

Revision c2a218b4 - 07/17/2013 05:16 PM - Christopher Green

Work for issue #4355.

Note that getting art to exit with a "standard" error code upon catching a signal is now a one-line change.

History

#1 - 07/17/2013 05:23 PM - Christopher Green

- Category set to Application

- Status changed from New to Resolved

- % Done changed from 0 to 100

Behavior documented at Signal handling in art.

Tests and minor tweaks implemented in ecd0835 and 1e5aa42.

#2 - 07/31/2013 03:07 PM - Christopher Green

- Target version set to 1.08.00

#3 - 08/09/2013 11:42 AM - Christopher Green

- Status changed from Resolved to Closed