

Arvados - Bug #5327

[SDK] CLI tools should catch socket errors like "Connection refused"

02/27/2015 03:57 PM - Peter Amstutz

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assigned To:		% Done:	0%
Category:	SDKs	Estimated time:	0.00 hour
Target version:	Arvados Future Sprints		
Description			
Common SDK errors like "connection refused" should be reported to the user in a friendly fashion instead of resulting in a crash and a stack trace.			

History

#1 - 02/27/2015 03:57 PM - Peter Amstutz

- Story points set to 0.5

#2 - 02/27/2015 03:58 PM - Peter Amstutz

- Description updated

#3 - 02/27/2015 08:16 PM - Brett Smith

- Target version changed from Bug Triage to Arvados Future Sprints

I feel like it would be helpful to define a bigger picture strategy for catching and reporting SDK exceptions in our CLI tools. There's a lot that can go wrong besides socket errors, and it seems like if we figure out our desired approach, we can apply that consistently across all kinds of handleable exceptions without much extra effort.

#4 - 02/27/2015 08:17 PM - Brett Smith

- Category set to SDKs

And this may be out of scope, but given that patterns are starting to emerge in our tools, it doesn't seem totally unreasonable to start abstracting out a CLIToolBase class or something like that, which other tools can derive from. Having a common source for our common tasks like command-line parsing and error handling is starting to feel worthwhile.