

IF Data Handling Client Tools (ifdhc) - Bug #9328

ifdh ls no such file behavior

06/29/2015 03:12 PM - Dominick Rocco

Status:	Closed	Start date:	06/29/2015
Priority:	Normal	Due date:	
Assignee:	Marc Mengel	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	v1_8_5	Spent time:	0.00 hour
Description			
It seems like the ifdh ls behavior is somewhat undefined when the file or directory does not exist. I've seen it throw a RuntimeError, I've seen it return a list with zero entries, and recently I've seen it throw an IO error after doing a "find" command. Does this seem like total crazy talk? Or can those things really all happen?			

History

#1 - 08/21/2015 01:59 PM - Marc Mengel

- Status changed from New to Closed
- Assignee set to Marc Mengel
- Target version set to v1_8_5

This has indeed been an issue; there were differences between the listing output between different protocols (srm: vs gsiftp: vs local) and in different releases, and there were some attempts to fix it in v1_8_x by having it raise an exception if things weren't there.

It should now behave as the old srm: code (which was the default in v1_6 and v1_7):

- listing an empty directory should give you a 1-line/list element result, of the directory name with a trailing slash
- listing a nonexistent directory/file should give you a 0 line result/list element result
- listing a directory with contents should give you a single line for the directory, with a trailing slash, and entries for the items in the directory.
- the exit code from the ifdh executable when giving a 0 line result should be non-zero.

see [af47ff0a](#)