

art - Support #17752

art 2.8.3 generating a bus error under GDB (SLF6)

09/20/2017 02:03 PM - Gianluca Petrillo

Status:	Closed	Start date:	09/20/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Third Party	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Scope:	Internal	SSI Package:	art
Experiment:	-		

Description

The following set of commands to debug art:

```
source /cvmfs/fermilab.opensciencegrid.org/products/larsoft/setup
setup art v2_08_03 -q debug:e14:nu
setup gdb v7_12
gdb art
```

and then issuing the command run causes a "bus error" with the following output:

```
GNU gdb (GDB) 7.12
Copyright (C) 2016 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law. Type "show copying"
and "show warranty" for details.
This GDB was configured as "x86_64-pc-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
<http://www.gnu.org/software/gdb/documentation/>.
For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from art...done.
(gdb) run
Starting program: /cvmfs/fermilab.opensciencegrid.org/products/larsoft/art/v2_08_03/slf6.x86_64.e1
4.nu.debug/bin/art
Bus error
```

I have tried this on uboonegpvm06.fnal.gov, sbndgpvm02.fnal.gov (both SLF6), with the same effect, and woof.fnal.gov (SLF7?), where it worked fine.

Related issues:

Is duplicate of art - Support #17751: a problem with debugging art v2_07-base... **Closed** **09/20/2017**

History

#1 - 09/25/2017 11:25 AM - Kyle Knoepfel

- Status changed from New to Rejected

Rejected because this duplicates issue [#17751](#).

#2 - 09/25/2017 11:25 AM - Kyle Knoepfel

- Is duplicate of Support #17751: a problem with debugging art v2_07-based executables with gdb added

#3 - 09/26/2017 12:32 PM - Gianluca Petrillo

I confirm that using gdb v8_0_1 as distributed now for SLF6 solves the issue.

#4 - 10/02/2017 11:53 AM - Kyle Knoepfel

- Status changed from Rejected to Closed