cet-is - Bug #16260

Bug # 16251 (Accepted): problems encountered when building on minsky.fnal.gov

problem building TRACE on minsky

04/20/2017 04:43 PM - Lynn Garren

Status:	Accepted	**Start date:**	04/20/2017
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	80%
Category:		**Estimated time:**	0.00 hour
Target version:		**Spent time:**	1.00 hour
Scope:	Internal	**SSI Package:**	
Experiment:	-	**Co-Assignees:**	

Description

The build of TRACE fails with this message:

```
In file included from /home/garren/products/TRACE/v3_07_02/build-Linuxppc64le64bit+3.10-2.17/src_m
odule/trace_.c:21:0:
include/asm-generic/uaccess.h:12:25: fatal error: asm/segment.h: No such file or directory
 #include <asm/segment.h>
```

cmake reports: KVERS is 3.10.0-514.10.2.el7.ppc64le

uaccess.h and asm/segment.h are kernel headers provided by kernel-devel, which is installed on minsky.

On woof:
/usr/src/kernels/3.10.0-514.6.1.el7.x86_64/arch/x86/include/asm/segment.h

On minsky:
/usr/src/kernels/3.10.0-514.10.2.el7.ppc64le/arch/powerpc/include/asm
This does NOT contain segment.h

For now, we skip building TRACE and artdaq_core.

History

#1 - 04/21/2017 05:00 PM - Ron Rechenmacher

- % Done changed from 0 to 80

The trace_.c source file should be including asm/uaccess.h instead of asm-generic/uaccess.h.
I've committed a change to the TRACE source code repository.

#2 - 04/21/2017 07:37 PM - Lynn Garren

I made the change locally on minsky.fnal.gov. The build completes successfully.

#3 - 04/26/2017 11:34 AM - Lynn Garren

- Status changed from New to Accepted