

art - Bug #10628

BOOST_LIB not properly defined in boost v1_57_0a

10/24/2015 09:57 AM - Rob Kutschke

Status:	Closed	Start date:	10/24/2015
Priority:	Normal	Due date:	
Assignee:	Lynn Garren	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	1.50 hour
Occurs In:		Experiment:	Mu2e
Scope:	Internal	SSI Package:	

Description

I did a pull products for art suite v1_17_02, for the mu distribution. Then I did

```
setup boost v1_57_0a -qe9:prof
```

After this

```
BOOST_LIB=/home/kutschke/products/boost/v1_57_0a/lib
```

```
BOOST_FQ_DIR=/home/kutschke/products/boost/v1_57_0a/Linux64bit+2.6-2.12-e9-prof
```

Note that the definition of BOOST_LIB is missing the FQ part. Note too that the env variable

BOOST_FQ is NOT defined.

The last version of art that Mu2e used was v1_15_00. For the record, in that version these variables are defined as:

```
BOOST_LIB=/cvmfs/mu2e.opensciencegrid.org/artexternals/boost/v1_57_0/Linux64bit+2.6-2.12-e7-prof/lib
```

```
BOOST_FQ_DIR=/cvmfs/mu2e.opensciencegrid.org/artexternals/boost/v1_57_0/Linux64bit+2.6-2.12-e7-prof
```

```
BOOST_FQ=Linux64bit+2.6-2.12-e7-prof
```

Mu2e has an easy workaround.

Please let us know if this is a bug or if it is a change in policy to which we need to adapt.

History

#1 - 10/24/2015 11:34 AM - Lynn Garren

- Subject changed from *BOOST_LIB not properly define in art v1_17_02* to *BOOST_LIB not properly define boost v1_57_0a*

- Status changed from *New* to *Assigned*

- Assignee set to *Lynn Garren*

- % Done changed from *0* to *40*

The problem is specific to boost v1_57_0a, not to any art release. The table file in the source code tarball is now fixed. cetbuildtools also uses BOOST_LIB, so it's a bit unclear why this problem was not seen earlier.

#2 - 10/24/2015 12:38 PM - Lynn Garren

- Subject changed from *BOOST_LIB not properly define boost v1_57_0a* to *BOOST_LIB not properly defined in boost v1_57_0a*

- Status changed from *Assigned* to *Resolved*

The boost v1_57_0a tarballs have been rebuilt with the fixed table file.

We have been cleaning up the table files to remove the unnecessary _FQ variable. Only BOOST_FQ_DIR needs to be defined. BOOST_FQ was superfluous.

#3 - 12/01/2015 11:36 AM - Lynn Garren

- Status changed from *Resolved* to *Closed*

- % Done changed from *40* to *100*