



DEEP UNDERGROUND
NEUTRINO EXPERIMENT



The
University
Of
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Change to the External Trigger data product

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02/02/2016

What to change and why?

- ❖ The constructor of an ExternalTrigger takes an unsigned int for the second argument (trigtime).
- ❖ This is fine for MC, but 35 ton data writes out the times in NovaTicks (15.625 ns increments since 2010).
- ❖ Need something with 64 bits to store this, so use long long.
- ❖ Introduced a typedef “long long TriggerTimeStamp_t;” to replace wherever there was an unsigned int for trigtime.
- ❖ Changes are in develop and working as desired - I do not believe any changes to existing code are required.

Hasn't passed to doxygen yet...

Public Member Functions | Private Attributes

raw::ExternalTrigger Class Reference

```
#include "ExternalTrigger.h"
```

List of all members.

Public Member Functions

	ExternalTrigger ()
	ExternalTrigger (unsigned int trigid, unsigned int trigtime)
void	SetTrigID (unsigned int i)
void	SetTrigTime (unsigned int i)
unsigned int	GetTrigID () const
unsigned int	GetTrigTime () const

Private Attributes

unsigned int	fTrigID
unsigned int	fTrigTime

Detailed Description

Definition at line 18 of file [ExternalTrigger.h](#).

Constructor & Destructor Documentation

```
raw::ExternalTrigger::ExternalTrigger ( )
```

Definition at line 17 of file [ExternalTrigger.cxx](#).

```
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```