

## LArSoft - Bug #11628

### Pedestal passed by mutable reference in raw.cxx

02/04/2016 08:42 AM - David Adams

<b>Status:</b>	Resolved	<b>Start date:</b>	02/04/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jonathan Insler	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Occurs In:</b>		<b>Co-Assignees:</b>	
<b>Experiment:</b>	-		

#### Description

In lardata/RawData/raw.h, the pedestal type is int& but the ADC type is short and the pedestal should not be modified during compression/ZS or its inverse.

Can we change the type int& --> short or int (no reference). Or at least make it const&.

If I have somehow misunderstood, could we add a comment explaining why the pedestal is changed?

Thank you.

da

#### History

##### #1 - 02/04/2016 04:20 PM - Thomas Junk

- Assignee changed from Gianluca Petrillo to Jonathan Insler

##### #2 - 02/04/2016 05:28 PM - Jonathan Insler

David Adams wrote:

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I have updated the type of the pedestals to int.

##### #3 - 02/04/2016 05:31 PM - Jonathan Insler

- % Done changed from 0 to 100

##### #4 - 02/08/2016 10:24 AM - Lynn Garren

- Status changed from New to Resolved