

## Python GMN - Task #6043

Story # 3944 (Closed): DataONE Python products

### Handle pyxb.UnrecognizedDOMRootNodeError exception

2014-08-14 18:27 - Roger Dahl

<b>Status:</b>	Rejected	<b>Start date:</b>	2014-08-14
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Roger Dahl	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Story Points:</b>			

#### Description

It is possible for an attempt to deserialize a DataONE type to cause a pyxb.UnrecognizedDOMRootNodeError exception. If that happens, the exception is not caught in d1\_common. Client code typically only catches the d1\_common.types.exceptions.DataONEException base exception or children and so will crash on pyxb.UnrecognizedDOMRootNodeError. So d1\_common should catch pyxb.UnrecognizedDOMRootNodeError and wrap it up as a DataONEException before sending it to the client.

#### History

##### #1 - 2014-08-21 20:51 - Roger Dahl

- Status changed from New to Rejected

- translation missing: en.field\_remaining\_hours set to 0.0

This exception is derived from PyXBException, which we're already catching. I investigated this and the cause was that I was using the PyXB CreateFromObject() method directly in my script while I should have been using the deserialize() method on your PyXB exceptions wrapper.