

## Infrastructure - Task #8111

Bug # 8106 (Testing): Difficulty Distinguishing Between Different Kinds of Failed Sync "Not Found" Error Messages

### D1ResourceHandler.serializeException should not log all exceptions returned as errors.

2017-06-07 18:42 - Rob Nahf

<b>Status:</b>	Closed	<b>Start date:</b>	2017-06-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	100%
<b>Category:</b>	Metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.3.7	<b>Story Points:</b>	
<b>Milestone:</b>	None		
<b>Product Version:</b>	*		

#### Description

Every DataONE exception is logged as a metacat ERROR, which is too high of a log level, and is distracting from log analysis when folks are searching for real system errors.

```
protected void serializeException(BaseException e, OutputStream out) {  
    // TODO: Use content negotiation to determine which return format to use  
    response.setContentType("text/xml");  
    response.setStatus(e.getCode());
```

```
        logMetacat.error("D1ResourceHandler: Serializing exception with code " + e.getCode() + ": " +  
e.getMessage(), e);
```

the last line should be logMetacat.info(...), or warn, if we always want to be logging exceptions.

#### History

##### #1 - 2017-06-07 18:43 - Rob Nahf

- Tracker changed from Bug to Task

##### #2 - 2017-06-07 18:56 - Chris Jones

My vote would be to use WARN if it's making the logs difficult to read. However, doing so might also mask true errors at the REST level.

##### #3 - 2017-06-27 16:36 - Dave Vieglais

- Target version set to CCI-2.3.6

##### #4 - 2017-10-30 19:08 - Jing Tao

- Target version changed from CCI-2.3.6 to CCI-2.3.7

##### #5 - 2017-12-13 21:08 - Rob Nahf

from maintenance meeting, the suggestion was to differentiate log levels by type of BaseException received, so for example, a NotFound might be an INFO or WARN (and not include a stacktrace) while a ServiceFailure which is really an unknown failure, might be better logged as an ERROR, including the stacktrace.

##### #6 - 2017-12-14 23:14 - Jing Tao

- % Done changed from 0 to 100

- Status changed from New to Closed

Changed the code as the above comment from Rob.

**#7 - 2017-12-26 18:19 - Dave Vieglais**

- *Sprint set to CCI-2.3.7*