This is a summary of differences between a dataless seed downloaded from the engine room and one created by the converter from XML.

In Station Header Blockette 50, Field 9 _Owner Code Lookup: 1 _
ORIG: Alaska Regional Seismic Network
CONV: AK

Blockette 50, Field 14 _Ending date_
ORIG: (null)
CONV: 2599,365,23:59:59.0000
Should we create one if it isn't there, or leave it as null?

Channel Blockette 52, Field 7 _Comment_
ORIG: 488 3129
CONV: (null)
Notice, this comment isn't a comment block, but just apparently a simple text field.

Blockette 52, field 9 _Calibration units lookup: 2_
ORIG: V - emf in volts
CONV: V - (null)

Blockette 52 Field 23 _End Date:_
ORIG: (null)
CONV: 2599,365,23:59:59.0000

Blockette 53, Field 7 _Response out units lookup:
ORIG: V - emf in volts
CONV: V - (null)

Blockette 54, Field 5 _Response in units lookup:
ORIG: V - emf in volts
CONV: V - (null)

Channel Comments (Blockette 59) Only exists in the converted SEED; it doesn't exist in the original one.

History

#1 - 01/14/2013 04:06 PM - Celso Reyes
- File B_xs.txt added

#2 - 01/15/2013 01:17 PM - Yazan Suleiman
Can you recheck all the test here, I think most if not all are resolved. Please confirm

#3 - 01/16/2013 08:41 AM - Celso Reyes
- Assignee set to Yazan Suleiman
- Status changed from New to In Progress
Celso Reyes wrote:

This a summary of differences between a dataless seed downloaded from the engine room and one created by the converter from XML.

A

This one is still an issue, it looks like the CODE is duplicated into field 9 from field 16, but field 9 should have the full text

In Station Header Blockette 50, Field 9  _Owner Code Lookup: 1  _
ORIG: Alaska Regional Seismic Network
CONV: AK

B

This is still true, but this behavior might remain unchanged

Blockette 50, Field 14  Ending date
ORIG: (null)
CONV: 2599.365.23:59:59.0000
Should we create one if it isn't there, or leave it as null?

C

This is still true, but the comment is moved to a comment block as planned. however, each copy from XML to seed looses a character. see bug #126

Channel Blockette 52, Field 7 Comment
ORIG: 488 3129
CONV: (null)
Notice, this comment isn't a comment block, but just apparently a simple text field.

D

Still an issue.

Blockette 52, field 9 Calibration units lookup: 2
ORIG: V - emf in volts
CONV: V - (null)

E

Not surprising, same behavior as described B above.

Blockette 52 Field 23  End Date:
ORIG: (null)
CONV: 2599.365.23:59:59.0000

F

Blockette 53, Field 7  Response out units lookup:
ORIG: V - emf in volts
CONV: V - (null)
same behavior as D above

Blockette 54, Field 5  Response in units lookup:
ORIG: V - emf in volts
CONV: V - (null)

Channel Comments (Blockette 59) Only exists in the converted SEED; it doesn't exist in the original one.

#4 - 01/17/2013 02:59 PM - Celso Reyes

Differences that may matter

- (A) This one is still an issue. It looks like the CODE is duplicated into field 9 from field 16, but field 9 should have the full text. In other words, it should probably get the value from
  
  <Network><Description> Alaska Regional Network </description> (if it exists)
  instead of the
  <Network code= "AK" >

  In Station Header Blockette 50, Field 9 _Owner Code Lookup: 1_
  ORIG: Alaska Regional Seismic Network
  CONV: AK

It isn't exactly the same, because I see the original (from the Engine room) SEED contains the abbreviation description Alaska Regional Seismic Network.

Differences that don't likely matter

- Comments moved to comment blocks
- End dates set to 2599,365,23:59:59.0000 instead of NULL

#5 - 01/17/2013 03:39 PM - Celso Reyes

- Resolution set to Fixed
- Status changed from In Progress to Closed
Now it works. However, the fdsn station service might not be providing `<Network><Description>`.

### Files

<table>
<thead>
<tr>
<th>Filename</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>ak_atka_bhe.txt</td>
<td>14.6 KB</td>
<td>01/15/2013</td>
<td>Celso Reyes</td>
</tr>
<tr>
<td>B_xs.txt</td>
<td>14.4 KB</td>
<td>01/15/2013</td>
<td>Celso Reyes</td>
</tr>
</tbody>
</table>