

GridTalk 4.0.1, ensure that the below patch is implemented.

4 - GNDB00027615 (10 Aug 2006)

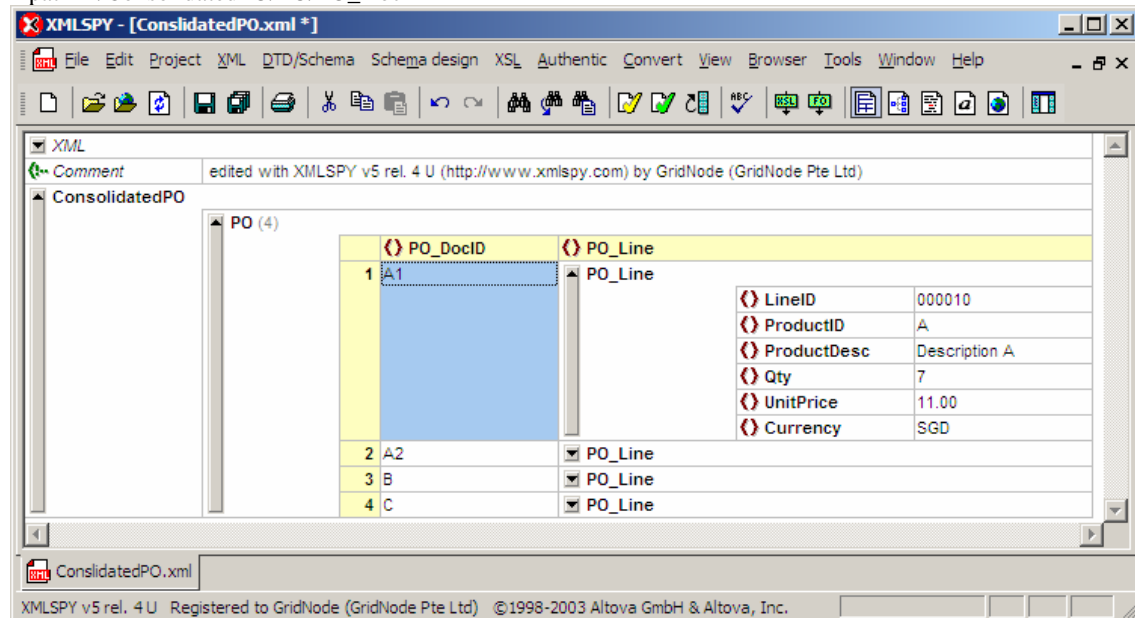
This fixes the problem of XML splitting not performing as expected when the required xpath contains multiple occurrences in the parent level elements.

1. Sample File before Splitting

The diagram below shows a sample of a data which contain multiple PO documents. If there should be any business process specification that dictates that per PO message can only contain 1 PO, it is necessary to split the consolidated file.

It is necessary to ensure that the xpath value for splitting is unique.

Xpath = /ConsolidatedPO/PO/PO_DocID



2. XSL for splitting

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:output method="xml" indent="yes"/>
  <xsl:param name="ONE"/>
  <xsl:template match="/">
    <xsl:for-each select="/ConsolidatedPO/PO">
      <xsl:if test="string(PO_DocID)=$ONE">
        <PO>
          <xsl:copy-of select="*" />
        </PO>
      </xsl:if>
    </xsl:for-each>
  </xsl:template>
</xsl:stylesheet>
```

the parameter "ONE" will store all the unique values from an xpath specified in GridTalk. From the above sample, GridTalk will store 4 unique values into the parameter.

set looping to grab value from multiple PO messages

in each of the loop, check that the value "PO_DocID" is the same as value specified in the parameter

if the "PO_DocID=\$ONE" this statement will perform a copy, and bring over all the elements within the PO element.

3. Create XSL for splitting

The screenshot shows a web browser window titled "GridTalk Application Server - Microsoft Internet Explorer". The main content area has a light blue background and contains the following fields:

- Name:** SPLIT04
- Description:** SPLIT04
- Type:** XSL (selected from a dropdown menu)
- Filename:** ☐ SPLIT_04.xsl
- [Add/Remove File\(s\)](#)

At the bottom of the form, there are three buttons: [Save Mapping File](#), [Help](#), and [Cancel](#). The browser's status bar at the bottom shows "Local intranet".

4. Create Mapping Rule for Splitting

The screenshot shows a web browser window titled "GridTalk Application Server - Microsoft Internet Explorer". The main content area has a light blue background and contains the following fields:

- Name:** SPLIT
- Description:** SPLIT
- Type:** Split (selected from a dropdown menu)
- Header Transformation:** ☐
- Source Doc Type:** SPLIT (selected from a dropdown menu)
- Target Doc Type:** SPLIT (selected from a dropdown menu)
- Source Doc File Type:** xml (selected from a dropdown menu)
- Target Doc File Type:** xml (selected from a dropdown menu)
- Mapping File:** SPLIT04 (selected from a dropdown menu)
- XPath:** /ConsolidatedPO/PO/PO_DocID
- Param Name:** ONE
- Keep Original:** ☐

At the bottom of the form, there are two buttons: [Save Mapping Rule](#) and [Help](#). The browser's status bar at the bottom shows "Done" and "Local intranet".

Two yellow callout boxes provide additional information:




- A box pointing to the XPath field contains the text: "Extract data from this xpath."
- A box pointing to the Param Name field contains the following text:
 - Only unique values extracted would be store into the parameter.
 - The "Param Name" must be the same as `<xsl:param name="ONE"/>` stated in the xsl file.




5. Sample Partner Function Configuration for Splitting

GridTalk Application Server - Microsoft Internet Explorer

Id : SPLIT
Description : SPLIT
Trigger On : Import

Workflow Activities

Description	Activity Type
 SPLIT	Mapping Rule
 Exit to system folder Export	Exit to export
 Exit to port 'TEST'	Exit To Port
 Exit workflow	Exit workflow

 [Edit Partner Function](#)  [Help](#)  [Cancel](#)

Done Local intranet