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.
```
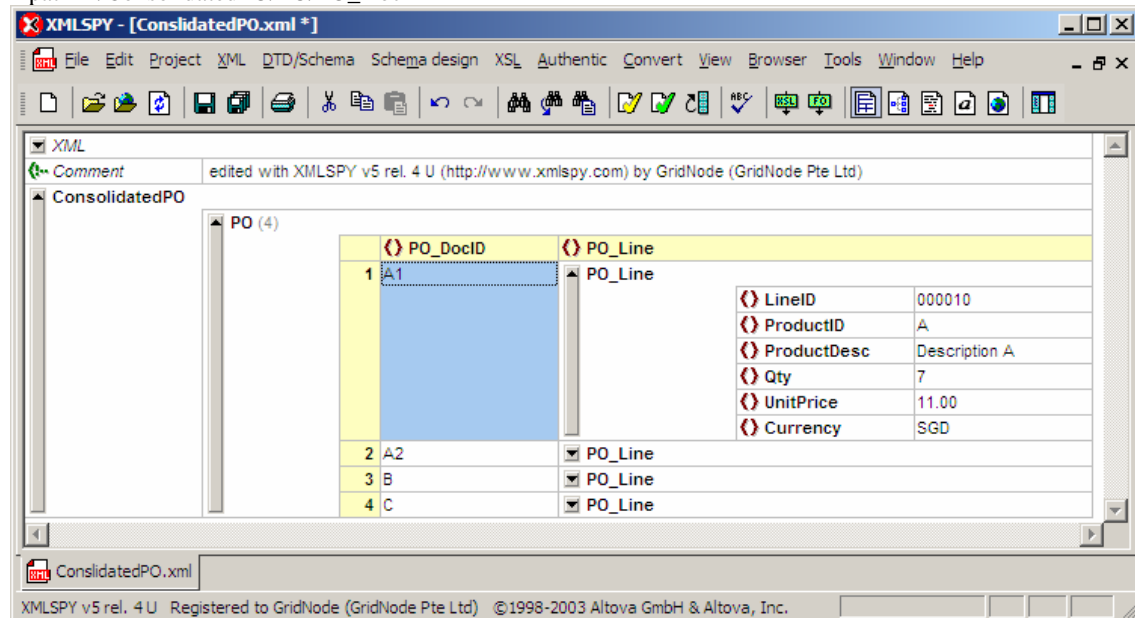
1.   Sample File before Splitting

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
<?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"/>  ➔   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.

    <xsl:template match="/">
        <xsl:for-each select="/ConsolidatedPO/PO"> ➔   set looping to grab value
                                                        from multiple PO messages

            <xsl:if test="string(PO_DocID)=$ONE"> ➔ in each of the loop, check that
                                                     the value "PO_DocID" is the same as
                                                     value specified in the parameter

            <PO>
                <xsl:copy-of select="*"/> ➔ if the "PO_DocID=$ONE" this statement will
                                             perform a copy, and bring over all the
                                             elements within the PO element.
            </PO>
          </xsl:if>
      </xsl:for-each>
  </xsl:template>
</xsl:stylesheet>
```

3. Create XSL for splitting

4. Create Mapping Rule for Splitting

Extract data from this xpath.

- 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