

Juhend:

<http://courses.cs.ut.ee/2008/esi/Main/Practicals>

XSL Stylesheet asemel tuleb luua XSLT Service.

Troubleshooting

1. XSLT disainivaates on veateade
 - Transformation.xml failis on viga. Veenduge, et sealne atribuut source vastab WSDL-s olevale lähtedokumendile.
2. XSLT disainivaates on puudu lähtedokumendi puu
 - WSDL-s või transformation.xml-s on viga. Eemaldage transformation.xml-s <service> element ja tehke WSDL ja XSLT uuesti.
3. Testimise väljundisse ei tule sisendfaili väärtused
 - Veenduge, et parameeter on vahemikust 1 kuni 8
 - Veenduge, et sisend- ja väljundidõnumite nimeruumid on õiged (xmlns atribuut)
 - Kontrollige, et teisenduses kasutatakse õigeid nimeruumiprefikseid (NetBeans kipub eksima). Eriti tähelepanelik tasub olla elementidega (xmlns:ns1="http://www.sws-challenge.org/schemas/rnet/coreElements" xmlns:ns2="http://www.sws-challenge.org/schemas/rnet/POR"):
 - /ns2:Pip3A4PurchaseOrderRequest/ns1:thisDocumentIdentifier
 - /ns2:Pip3A4PurchaseOrderRequest/ns2:PurchaseOrder/ns2:ProductLineItem[(position() = \$itemnumber)]/ns1:ProductIdentification
 - /ns2:Pip3A4PurchaseOrderRequest/ns2:PurchaseOrder/ns2:ProductLineItem[(position() = \$itemnumber)]/ns2:OrderQuantity/ns1:requestedQuantity
- Silumiseks sobib väga hästi Visual Studio 2008 (Menüüst XML valida Debug).

Oodatav tulemus:

- XML fail kui parameetri väärtuseks on 1 (trepitult):

```
<?xml version="1.0" encoding="utf-8"?>
<ns:LineItem xmlns:ns="mooncompany" xmlns:ns1="http://www.sws-
challenge.org/schemas/rnet/coreElements" xmlns:ns2="http://www.sws-
challenge.org/schemas/rnet/POR">
  <ns:authToken>Auth</ns:authToken>
  <ns:orderId>1001</ns:orderId>
  <ns:item>
    <ns:articleId>00614141000012</ns:articleId>
    <ns:quantity>1</ns:quantity>
  </ns:item>
</ns:LineItem>
```
- NetBeans loodud (ja parandatud) XSLT:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
version="1.0" xmlns:ns="mooncompany" xmlns:ns1="http://www.sws-
challenge.org/schemas/rnet/coreElements" xmlns:ns2="http://www.sws-
challenge.org/schemas/rnet/POR">
  <xsl:param name="itemnumber" select="1" />
  <xsl:template match="/">
    <xsl:element name="ns:LineItem">
      <xsl:element name="ns:authToken">
        <xsl:value-of select="&apos;Auth&apos;" />
      </xsl:element>
      <xsl:element name="ns:orderId">
        <xsl:value-of
```

```

        select="/ns2:Pip3A4PurchaseOrderRequest/ns1:thisDocumentIdentifier/ns1:ProprietaryDocumentIdentifier"/>
    </xsl:element>
    <xsl:element name="ns:item">
        <xsl:element name="ns:articleId">
            <xsl:value-of
                select="/ns2:Pip3A4PurchaseOrderRequest/ns2:PurchaseOrder/ns2:ProductLineItem[ ( position() =
                    $itemnumber ) ]/ns1:ProductIdentification/ns1:GlobalProductIdentifier"/>
        </xsl:element>
        <xsl:element name="ns:quantity">
            <xsl:value-of
                select="/ns2:Pip3A4PurchaseOrderRequest/ns2:PurchaseOrder/ns2:ProductLineItem[ ( position() =
                    $itemnumber ) ]/ns2:OrderQuantity/ns1:requestedQuantity/ns1:ProductQuantity"/>
        </xsl:element>
    </xsl:element>
</xsl:template>
</xsl:stylesheet>

```

- Käsitsi loodud XSLT:

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
    version="1.0" xmlns:ns="mooncompany" xmlns:ns1="http://www.sws-challenge.org/schemas/rnet/coreElements" xmlns:ns2="http://www.sws-challenge.org/schemas/rnet/POR">
    <xsl:param name="itemnumber" select="1" />
    <xsl:template match="/">
        <ns:LineItem>
            <ns:authToken>
                <xsl:text>Auth</xsl:text>
            </ns:authToken>
            <ns:orderId>
                <xsl:value-of
                    select="/ns2:Pip3A4PurchaseOrderRequest/ns1:thisDocumentIdentifier/ns1:ProprietaryDocumentIdentifier"/>
            </ns:orderId>
            <xsl:for-each
                select="/ns2:Pip3A4PurchaseOrderRequest/ns2:PurchaseOrder/ns2:ProductLineItem[ ( position() = $itemnumber ) ]">
                <ns:item>
                    <ns:articleId>
                        <xsl:value-of
                            select="./ns1:ProductIdentification/ns1:GlobalProductIdentifier"/>
                    </ns:articleId>
                    <ns:quantity>
                        <xsl:value-of
                            select="./ns2:OrderQuantity/ns1:requestedQuantity/ns1:ProductQuantity"/>
                    </ns:quantity>
                </ns:item>
            </xsl:for-each>
        </ns:LineItem>
    </xsl:template>
</xsl:stylesheet>

```