Lab 9. Instruction to ESQL

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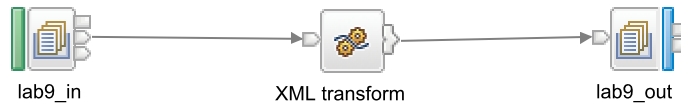
Table of contents

1 Message Flow   "lab9 - v1.0"

/secondApp/lab9.msgflow

1.1 Overview

1.1.1 Short Description

Lab 9. Introduction to ESQL

1.1.2 Long Description

During this lab you will get in touch with ESQL and learn how-to transform one XML message into another without defining shemas. We will use ESQL Compute node for this task.
As an additional task, we will prepare flow for documentation generation process. To do that we will need to fill a lot of forms.

1.2 lab9_inNode - "lab9_in"

Short Description	Start of the message flow
Long Description	This node will start our message flow. It will monitor MQ queue lab8_in for any messages and will launch flow if message will be received

1.3 lab9_outNode - "lab9_out"

Short Description	MQ Endpoint
Long Description	This node will put the message into MQ queue lab9_out

1.4 XML transformNode - "XML transform"

Short Description	This is ESQl compute node
Long Description	We will use this node to transform one XML format into another. Main trick is to show how to do that without XML schema declaration.
ESQL File	lab9_Compute.esql

2 ESQL "lab9_Compute"

/secondApp/lab9_Compute.esql

Source Code

```
CREATE COMPUTE MODULE lab9_Compute
        CREATE FUNCTION Main() RETURNS BOOLEAN
        BEGIN
                SET OutputRoot.XMLNSC.outformat.id = InputRoot.XMLNSC.informat.code;
                SET OutputRoot.XMLNSC.outformat.desc = InputRoot.XMLNSC.informat.text;

                RETURN TRUE;
        END;


END MODULE;
```

3 Cross Reference

The tables in this section show how resources are related to one another.

References list

Resource	References
\secondApp\lab9.msgflow	\secondApp\lab9_Compute.esql

Referenced by list

Resource	Referenced by
\secondApp\lab9_Compute.esql	\secondApp\lab9.msgflow

4 Documentation generation settings

General settings

Title:	Lab 9. Instruction to ESQL
Author:	nhaitanov
Date:	Feb 25, 2020
TOC nesting level:	7

Utilized documentation units

Source	Documentation unit	Documentation type
lab9.msgflow	Message Flow Documentation Unit	detailed
lab9_Compute.esql	ESQL Documentation Unit	detailed