Java Compute Node

Agenda

- What is Java Compute Node
- Purpose of Java Compute Node
- Terminals
- Sample Flow
- Conclusion

Java Compute Node

The JavaCompute node is a general purpose programming node, similar in concept to the Compute node, but with Java as its language rather than ESQL

Java Compute Node Icon :

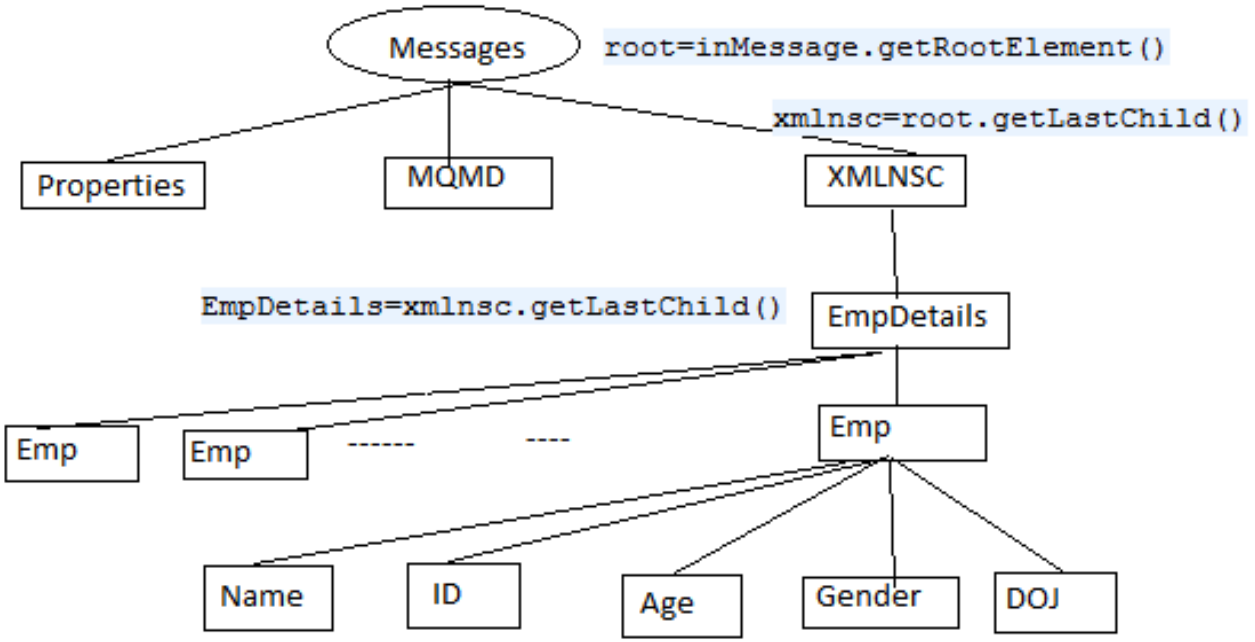
Purpose Of Java Compute Node

You can use the Java Compute node to perform the following tasks:

- Examine an incoming message and, depending on its content, propagate it unchanged to one of the two output terminals for the node
- Change part of an incoming message and propagate the changed message to one of the output terminals.
- Create and build a new output message that is totally independent of the input message.

Sample structure

```
MbMessage inMessage = inAssembly.getMessage();
```

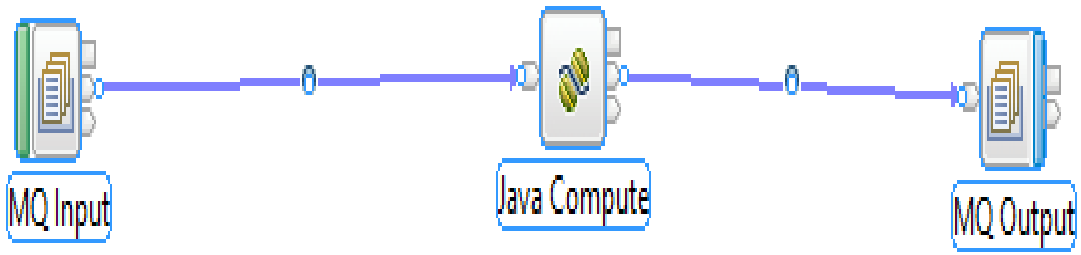


MIRACLE MSS SOFTWARE SYSTEMS, INC.

Terminals

Terminal	Description
In	The input terminal that accepts a message for processing by the node.
Failure	The output terminal to which the input message is routed if a failure is detected during the computation. (Even if the *Validate* property is set, messages that are propagated to the Failure terminal of the node are not validated.)
Out	The output terminal to which the transformed message is routed.
Alternate	An alternative output terminal to which the transformed message can be routed, instead of to the Out terminal.

Message Flow



Conclusion

So my conclusion is use the Java Compute Node mainly...

- Use Java to examine an incoming message and depending on its content, propagate it unchanged to one of the two output terminals of the node.
- Use Java to change part of an incoming message
- Use Java to create and build a new output message
- Use Java to create a map in a global cache, and to add and retrieve data

Any Queries

MIRACLE MSS
SOFTWARE SYSTEMS, INC.

Thank you...

MIRACLE MSS
SOFTWARE SYSTEMS, INC.