JBossESBMessageFilter

JBossESB - JBossESBEIP - Message Filter

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Pattern Description

A Message Filter inspects the content of a message and based on it's findings it can route the message to zero or

more destinations. If none of the rules fires (no destinations found) then this means that this message filtered.

Implementation

The Message Filter is based on the Content-Based Router, but it allows the filtering of

messages. By default the Message Filter uses JBossRules.

Configuration

We have a standard action called: org.jboss.soa.esb.actions.MessageFilter. The configuration of the action looks like:

```
...
<action class="org.jboss.soa.esb.actions.MessageFilter" name="MessageFilter">
   <property name="ruleSet" value="MyESBRules-XPath.drl"></property>
   <property name="ruleLanguage" value="XPathLanguage.dsl"></property>
   <property name="ruleReload" value="true"></property>
   <property name="destinations">
      <route-to destination-name="express" service-category="ExpressShipping" service-name="ExpressShippingService"></route-t
      <route-to destination-name="normal" service-category="NormalShipping" service-name="NormalShippingService"></route-to>
   </property>
</action>
...
```

Attribute	Required	Description
ruleSet	yes	Reference to the rule set that will be used
ruleLanguage	no	Reference to the Domain Specific Languange, can be XPathLanguage.dsl or your own custom language
ruleReload	no	false by default, if set to true it will hot-deploy updated rules.
destinations	yes	The name should be referenced in the ruleSet, while the service-category and service-name are used to lookup the right EPR in the registry.

More information

- Content-Based Router config guide
- eip.com