

Element name	Attribute name	Required	Default Value
EsbListenerController root node (1)			
any	command-queue-class	n	null (no command queue)
	commandConnFactoryClass	n	ConnectionFactory
	commandJndiType	n	jboss
	commandJndiURL	n	localhost
	commandIsTopic	n	false
	commandJndiName	n	null
	messageSelector	n	null
	parameterReloadSecs	n	180 seconds
	endTime	n	for ever
	Email configuration child element (0,1)		
EmailProperties			
	org.jboss.soa.esb.mail.smtp.host	n	localhost
	org.jboss.soa.esb.mail.smtp.user	n	null
	org.jboss.soa.esb.mail.smtp.password	n	null
	org.jboss.soa.esb.mail.smtp.port	n	25
	org.jboss.soa.esb.mail.smtp.from	n	null
	org.jboss.soa.esb.mail.smtp.auth	n	false
Controlled ESB aware listener classes (1,*)			
any (except EmailProperties)			
All ESB aware listener classes must contain (1,n) <action> child elements			

Sheet1

action		y	
	class	y	
	process	n	process
	okMethod	n	null
	exceptionMethod	n	null

Users must specify one or more <action> elements

Action classes must have a constructor taking a single ConfigTree argument

Default name for 'message processing' method specified by process tag name is (also) 'process'

User can (optionally) supply method names for callback functions that can be called for 'norr

If an exception is thrown at any point, the action processing pipeline aborts, logs the Exception, a

If user supplied action class needs more run time configuration attributes and/or elements, these must belong inside the action element (enclosed within the <action> </action> pair)

Action classes receive their own Element at constructor time, naturally including all child ele

JmsQueueListener configuration (ESB aware)

listenerClass	y
service-category	y
service-name	y

The following tags will be used to determine (and build) te EPR this listener will be picking up Mes

connection-factory	n	ConnectionFactory
jndi-type	n	jboss
jndi-URL	n	localhost
destination-name	y	
message-selector	n	null

What will actually happen with the incoming messages will be the result of what the chaining

CbrJmsQueueListener configuration (for further info, please see the 'Content Based Routing' document)

## Sheet1

This class extends JmsQueueListener, so service and EPR configuration is the :  
It does however need a specific child element that is described below

cbr		y
	ruleSet	y
	ruleLanguage	n

## Mnemonic

## Comments

JmsCommandQueue.COMMAND\_CONN\_FACTORY  
 JmsCommandQueue.COMMAND\_JNDI\_TYPE  
 JmsCommandQueue.COMMAND\_JNDI\_URL  
 JmsCommandQueue.COMMAND\_IS\_TOPIC  
 JmsCommandQueue.COMMAND\_JNDI\_NAME  
 JmsCommandQueue.COMMAND\_MSG\_SELECTOR

EsbListenerController.PARM\_RELOAD\_SECS  
 EsbListenerController.PARM\_END\_TIME

Environment.SMTP\_HOST  
 Environment.SMTP\_USERNAME  
 Environment.SMTP\_PASSWORD  
 Environment.SMTP\_PORT  
 Environment.SMTP\_FROM  
 Environment.SMTP\_AUTH

There must always be a root node even if none of its attributes are set

Use 'org.jboss.soa.internal.soa.esb.command..JmsCommandQueue' if you wish to send runtime asynchronous commands to your listener controller, via a JMS queue

If no command queue is specified, maximum run time and frequency of parameter reloading, can be specified using the following two attributes

yyyyMMdd hh:mm:ss

If present, must be an immediate child of the root node

Sheet1

ListenerTagNames.ACTION\_ELEMENT\_TAG  
ListenerTagNames.ACTION\_CLASS\_TAG  
ListenerTagNames.PROCESS\_METHOD\_TAG  
  
ListenerTagNames.NORMAL\_COMPLETION\_METHOD\_TAG  
ListenerTagNames.EXCEPTION\_METHOD\_TAG

a single method name, or a comma delimited list of method names  
signature for all of them must be: Message myMethod (Message)  
No method will be invoked on successful outcome if this attribute is not pre  
No method will be invoked when exceptions are thrown, if this attribute is n

nal completion' of step, or 'exception thrown'  
nd invokes the 'exceptionMethod' if one was defined

ments

EsbListenerController.PARM\_LISTENER\_CLASS  
ListenerTagNames.TARGET\_SERVICE\_CATEGORY\_TAG  
ListenerTagNames.TARGET\_SERVICE\_NAME\_TAG  
essages from  
JMSEpr.CONNECTION\_FACTORY\_TAG  
JMSEpr.JNDI\_TYPE\_TAG  
JMSEpr.JNDI\_URL\_TAG  
JMSEpr.DESTINATION\_NAME\_TAG  
JMSEpr.MESSAGE\_SELECTOR\_TAG

In this case, it's org.jboss.soa.esb.listener.message.JmsQueueListener  
Will register as servicing the JMS EPR, under this service-category  
and service-name

| of all 'process' methods does with them

same as the JmsQueueListener

ListenerTagNames.CBR\_TAG

Sheet1

sent  
ot present



Sheet1