

Message Flow		
Nodes		
<div>Conditional Branch</div> <div><div>A branch node allows processing to proceed down exactly one of several possible paths.</div></div>	<div>Operational Branch</div> <div><div>An operational branch node determines what to follow based on specified operations.</div></div>	<div>Pipeline Pair</div> <div><div>A pipeline pair node consists of a request pipeline and a response pipeline.</div></div>
<div>Route</div> <div><div>Route node actions define the handling of messages as they flow through the route node.</div></div>	<div>Stage</div> <div><div>A stage node is a container of actions.</div></div>	<div>Error Handler</div> <div><div>An error handler provides the logic for resending errors in the message flow.</div></div>
Route Actions		
Communication		
<div>Dynamic Routing</div> <div><div>A dynamic routing action assigns a route for a message based on routing information available in an XQuery resource.</div></div>	<div>Routing</div> <div><div>A routing action identifies a target service for the message and configures how the message is routed to that service.</div></div>	<div>Routing Table</div> <div><div>A routing table action assigns a set of routes wrapped in a switch-style condition table. Different routes are selected based upon the results of a single XQuery expression.</div></div>
Stage Actions		
Communication		
<div>Routing Options</div> <div><div>A routing options action modifies any or all of the following properties in the outbound request: URI, Quality of Service, Mode, Retry parameters, Message Priority.</div></div>	<div>Service Callout</div> <div><div>A service callout action configures a synchronous (blocking) callout to an Oracle Service Bus-registered proxy or business service.</div></div>	<div>Transport Headers</div> <div><div>A transport header action sets the transport header values in messages.</div></div>
<div>Dynamic Publish</div> <div><div>A dynamic publish action publishes a message to a service identified by an XQuery expression.</div></div>	<div>Publish</div> <div><div>A publish action publishes a message to a statically specified service.</div></div>	<div>Publish Table</div> <div><div>A publish table action publishes a message to zero or more statically specified services. Switch-style condition logic is used to determine at run time which services will be used for the publish.</div></div>
Flow Control		
<div>For Each</div> <div><div>A for-each action iterates over a sequence of values and executes a block of actions.</div></div>	<div>If Then</div> <div><div>An if-then action performs an action or set of actions conditionally, based on the Boolean result of an XQuery expression.</div></div>	<div>Raise Error</div> <div><div>A raise-error action raises an exception with a specified error code (a string) and description.</div></div>
<div>Reply</div> <div><div>A reply action specifies that an immediate reply be sent to the invoker.</div></div>	<div>Skip</div> <div><div>A skip action specifies that at run time, the execution of the current stage is skipped and the processing proceeds to the next stage in the message flow.</div></div>	<div>Resume</div> <div><div>A resume action resumes message flow after an error is handled by an error handler.</div></div>
Message Processing		
<div>Assign</div> <div><div>An assign action assigns the result of an XQuery expression to a context variable.</div></div>	<div>Delete</div> <div><div>A delete action deletes a context variable or a set of nodes specified by an XPath expression.</div></div>	<div>Insert</div> <div><div>An insert action inserts the result of an XQuery expression at an identified place relative to nodes selected by an XPath expression.</div></div>
<div>Java Callout</div> <div><div>A Java callout action invokes a Java method from the pipeline.</div></div>	<div>MFL Transform</div> <div><div>A MFL transform action converts non-XML to XML or XML to non-XML in the pipeline.</div></div>	<div>Rename</div> <div><div>A rename action renames elements selected by an XPath expression without modifying the contents of the element.</div></div>
<div>Replace</div> <div><div>A replace action replaces a node or the contents of a node specified by an XPath expression.</div></div>	<div>Validate</div> <div><div>A validate action validates elements selected by an XPath expression against an XML schema element or a WSDL resource.</div></div>	
Reporting		
<div>Alert</div> <div><div>An alert action ends an alert notification based on pipeline message context.</div></div>	<div>Log</div> <div><div>A log action constructs a message to be logged.</div></div>	<div>Report</div> <div><div>A report action enables message reporting for a proxy service.</div></div>