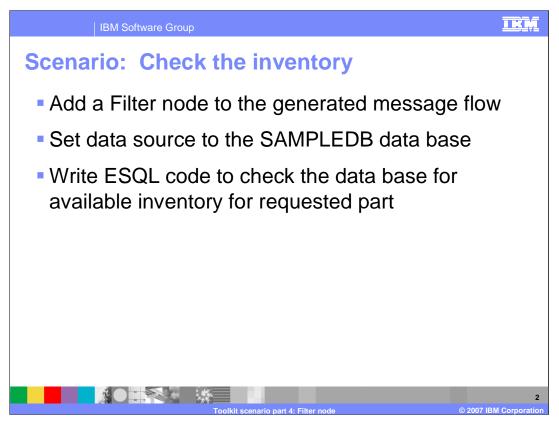


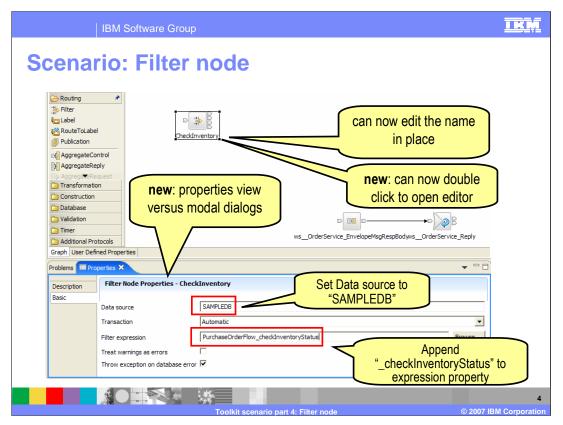
This fourth module of the scenario continues the solution by adding a Filter node to the message flow.



The first node to be added to the generated PurchaseOrderFlow message flow is a Filter node that will access the connected SAMPLEDB data base. The ESQL code will check the data base for available inventory for the part requested in the input message.

IBM Software Group	IKM
Scenario: Examine Node Palette	
Il "PurchaseCriteritow.mspfow X       Image: Connection image:	
Toolkit scenario part 4: Filter node © 2007	3 IBM Corporation

Look for a filter node on the node palette that can route the message appropriately depending on inventory status. The Palette in V6.0.2 has been organized into node categories. There is also a text box associated with each node that briefly explains the usage of that node.



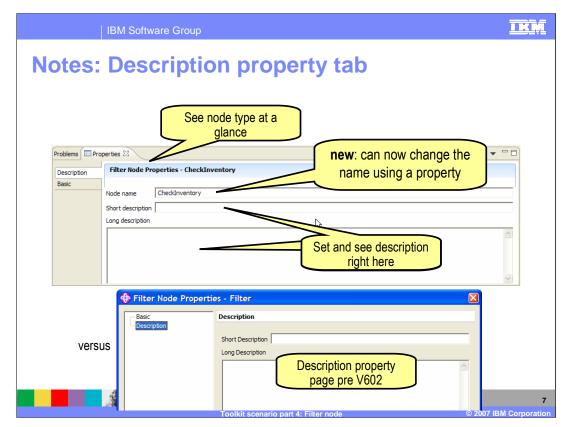
Drag and drop a Filter node to the Purchase Order message flow previously generated and name the node in place. In the Properties view specify the database, SAMPLEDB, as the Data source and set the Filter expression to checkInventoryStatus.

	IBM Software G	roup	IKM
Note	es: Proper	ties view	
Problems P	roperties ×	▼ □ □	
Description	Filter Node Properties - Check	Inventory	
Basic			
	Data source	SAMPLEDB	
	Transaction	Automatic	
	Filter expression	PurchaseOrderFlow_checkInventoryStatus Browse	
	Treat warnings as errors		
	Throw exception on database error	new: modeless property view in 602	
ver	sus	Basic         Data Source         Transaction         Automatic         Filter Expression         MyMessageFlow_Filter         Browse         Treat Warnings as Errors         Throw Exception on Database Error	
		Toolkit scenario part 4: Filter node © 2007	IBM Corporati

In WebSphere Message Broker Toolkit V6.0.2, the Property view for a node is displayed below the Message flow editor by default. In V6.0.0, the property categories for a node are displayed by selecting Properties from a menu produced by a right-click on the node.

IBM Software	Group				IKI
Notes: Launc	hing prop	oertie	s viev	N	
Iransformation      A Mapping     Construction     Database     Validation     Graph User Defined Properties     Problems 3 Properties     Description     Description	Create Connection  Open ESQL  Ct Cut	Ctrl+Z Ctrl+Y Ctrl+X Ctrl+C Delete	Transformati  Transformati  Transformati  Transformati  Transformati  Transformati  Transformati  Transformati Transforma	m	
	Toolkit scena	io part 4: Filter r	ode		© 2007 IBM Corpora

In V6.0.2 using the right-click of the node and selecting Properties action just gives Properties view focus.



The node type is displayed at the top of the Properties view, and the name of a node can be changed in the Description property tab.

IBM Software Group		<u>TRM</u>
Notes: Restoring	g properties dialog	
⊕ Ant     ⊕ Broker Administration     ⊕ Broker Development     Message Broker Debug		
	OK Cancel	Apply 8

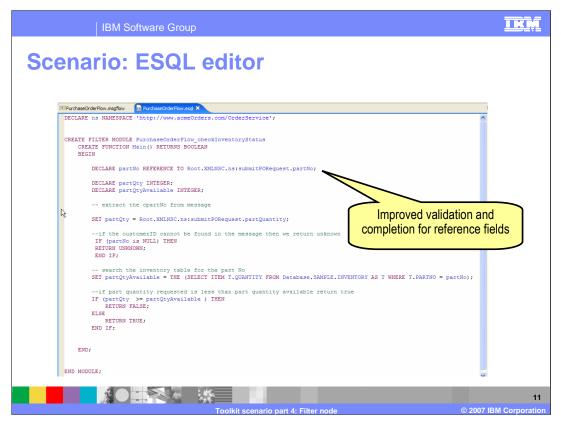
You can change default behavior to launch the Properties dialog if you prefer.

	BM Software Grou	qu				
Notes:	Properti	es enha	ancements 1			
Problems Properties X Description Basic Input Message Parsing		erties - ws_OrderService	Disable fields when not applicable			
Parser Options Error Handling Validation	Message set	Problems Properties ×	HTTP Input Node Properties - ws_OrderService			
Problems Properties ×		Basic Input Message Parsing • Parser Options Error Handling Validation	Message domain MRM : For binary, text or XML messages (namespace aware, validation, low v Message set v Message type v			
Description	HTTP Input Node Prope		Message format			
Basic Input Message Parsing · Parser Options Error Handling Validation	MRM : For Message set Message type Message format Message format BLOB : For IDOC : For	For XML messages (namespa binary, text or XML message For XML messages (namespa or XML messages (namespa or XML messages (namespac or XML messages) (namespaces) MIME wrappered data includ messages with an unspecifie SAP DIOS from the Webspin XML messages (for Version 2 (	es (namespace aware, validation, low d tice aware, low memory use) es ware) ges (ML) ding multipart ed format here MQ Link for R3			
	9 Toolkit scenario part 4: Filter node © 2007 IBM Corporation					

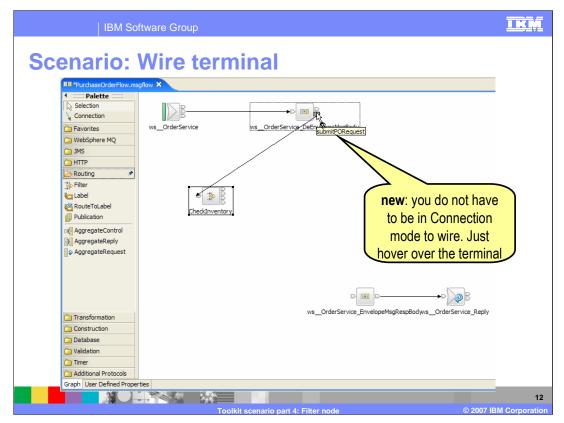
Ease-of-use enhancements have been made to some properties. The "Default" tab has been renamed to "Input Message Parsing" on input nodes. Drop downs are available for selection in the parsing properties, fields that are not applicable to the selected domain are disabled.

IE	M Software Grou	qu	IKM
Notes: F	Properti	es enhancements 2	
	Proble	ems E Properties X	▼ □ □
	Basi Adv. Req	cription MQOutput Node Properties - MQOutput ic I anced Request  keply-to queue manager dation Reply-to queue	
Problems Properties		▼ □ □	
Description Stylesheet · Advanced	Stylesheet directory		
Output Character Set Detail Trace	Stylesheet cache level	Stylesheet Search Path Order	
	Runtime override priority	XML Embedded Stylesheet       Message Environment       Broker Node Attribute	
		Toolkit scenario part 4: Filter node @ 20	10 07 IBM Corporation

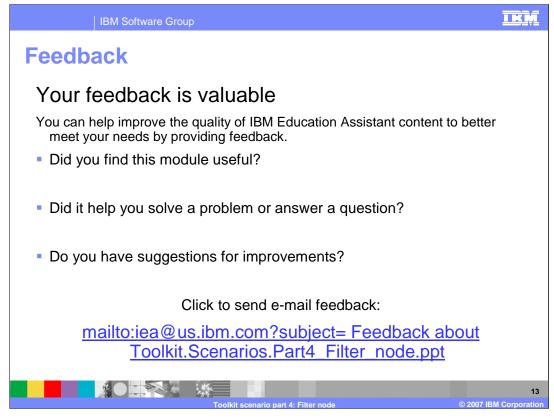
Properties for the HTTPInput, HTTPRequest, JMSOutput, and XMLTransformation nodes have been re-organized and improved.



Double-click on Filter node to open the ESQL editor. Write ESQL logic to check the inventory database for the requested part, as in previous broker versions.



Wire the submit terminal (submit for request) of the Subflow node to the input of the added Filter node named CheckInventory. New in V6.0.2, you do not have to be in Connection mode to wire, just hover over the terminal. This concludes part 4 of the WebSphere Message Broker V6.0.2 Toolkit scenario.



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