



About Starting from Scratch

Some foils to explain in extreme detail how to start making a UML project and to start populating this project with UML stuff

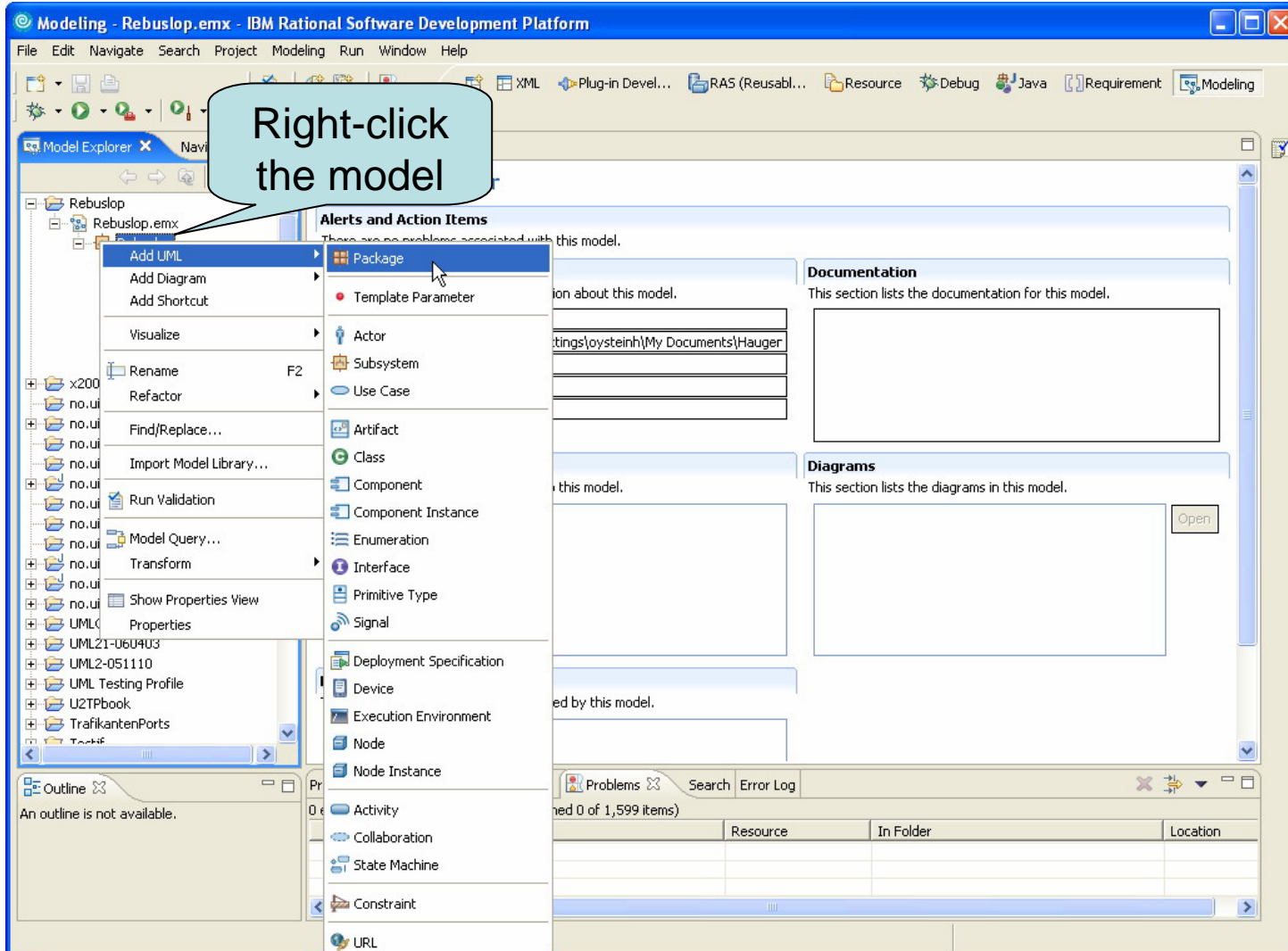
A new UML modeling project

The screenshot shows the IBM Rational Software Development Platform interface. The 'New' menu is open, showing options like 'Project...', 'UML Model', 'Pluglet', 'Folder', 'File', 'Example...', and 'Other...'. The 'New Project' wizard is also visible, showing a tree of project types with 'UML Project' selected. The background shows a project browser with a list of files and folders.

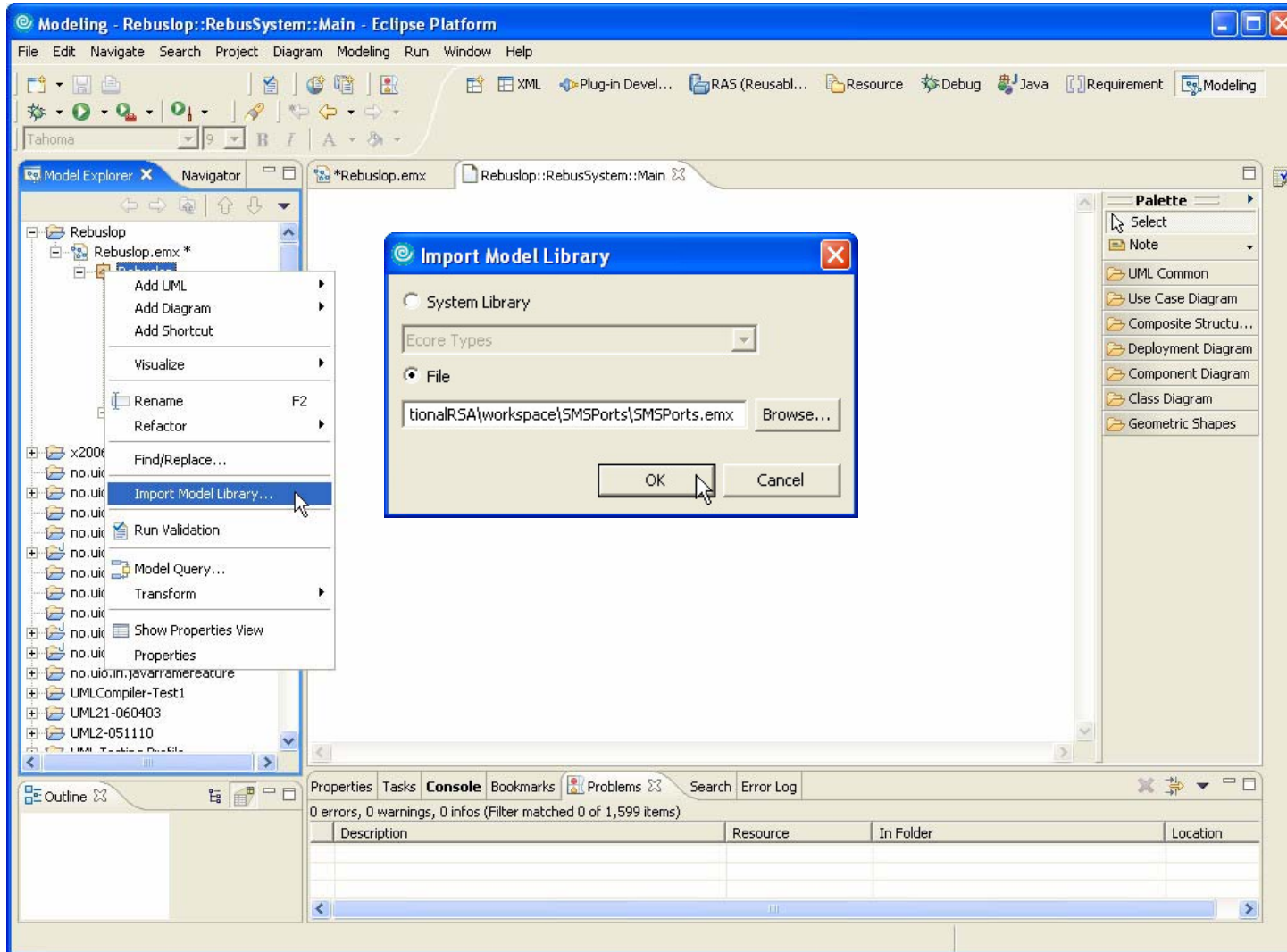
The 'UML Modeling Project' wizard dialog is shown. It has a title bar with a close button. The main area is titled 'Create UML Model' and contains a 'File types' list with 'UML Modeling' selected. The 'Templates' list includes 'Analysis Model', 'Blank Model', 'Enterprise IT Design Model', and 'Use Case Model'. The 'Description' field contains 'Create a blank UML model.'. The 'File name' field contains 'Rebuslop'. The 'Destination folder' field contains 'Rebuslop' with a 'Browse...' button. The 'Default diagram' section has a checkbox for 'Create a default diagram in the new model.' and a dropdown for 'Default diagram type' set to 'Freeform Diagram'. At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

INF 5150

A new Package



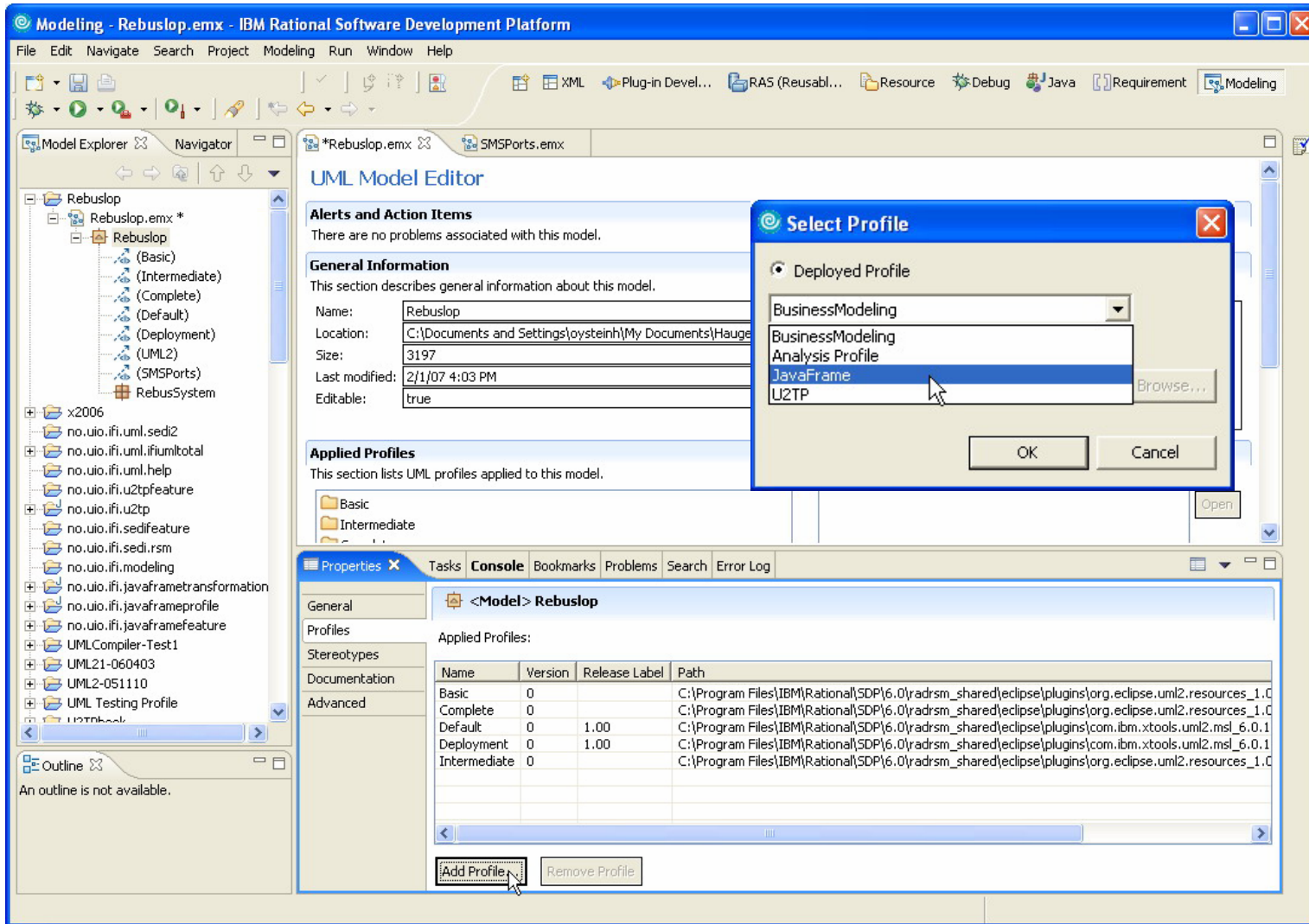
Connecting to the SMSPorts.emx



This is how it looks now

The screenshot shows the UML Model Editor interface. On the left, a tree view shows a project named 'Rebuslop' containing a 'Rebuslop.emx' model file. The main editor area displays the 'UML Model Editor' for 'Rebuslop.emx'. It includes sections for 'Alerts and Action Items', 'General Information' (with fields for Name and Location), 'Applied Profiles' (listing Basic, Intermediate, Complete, Default, and Deployment), and 'Referenced Models' (listing 'C:\Documents and Settings\oystein\My Documents\Haugen\RationalRSA\workspace\SMSPorts\SMSPorts.emx'). Callouts point to the project, model file, model, package, and external referenced model.

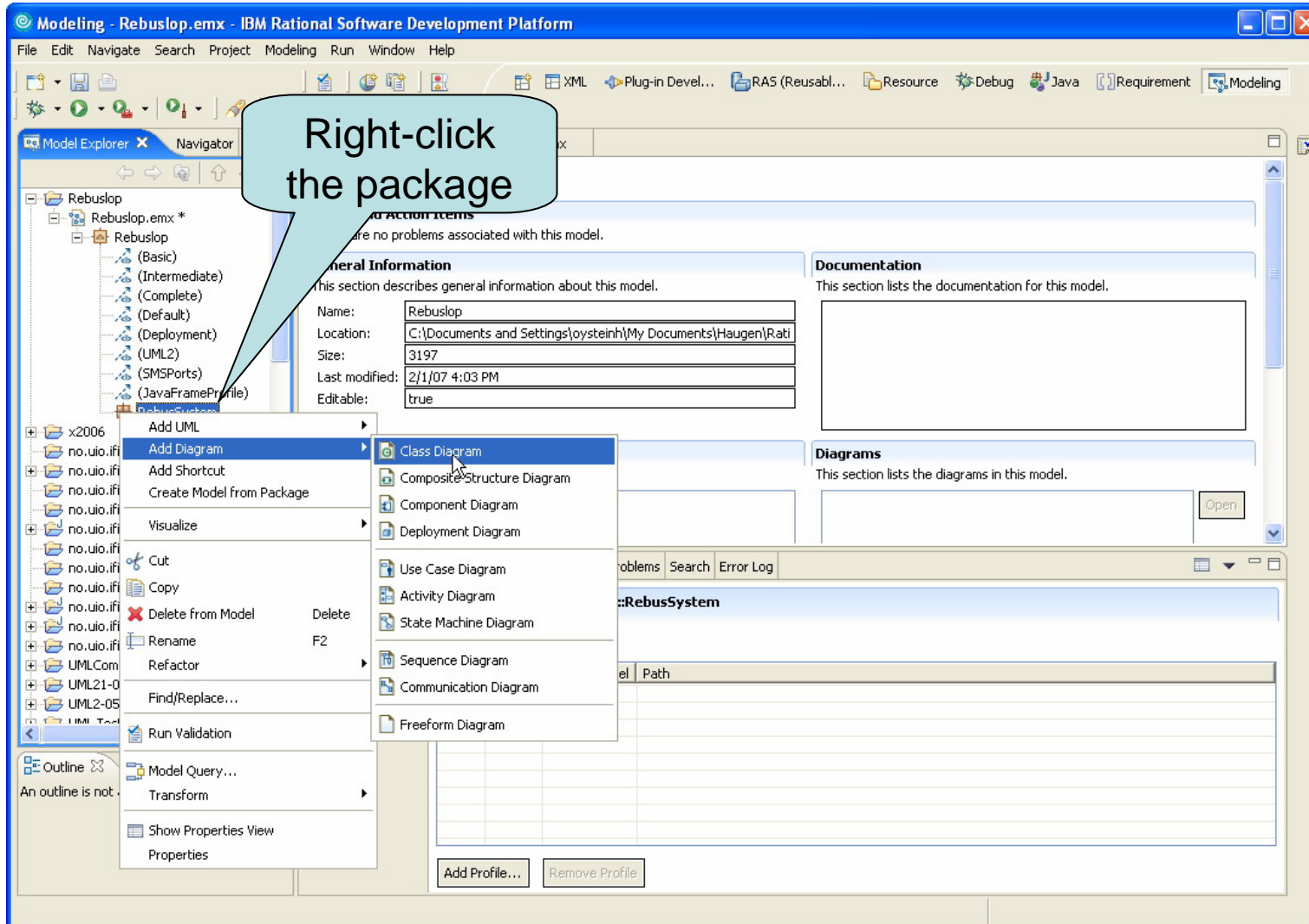
Adding the JavaFrame Profile



The screenshot shows the IBM Rational Software Development Platform interface. The main window is titled 'Modeling - Rebuslop.emx'. The 'UML Model Editor' is open, displaying the 'Rebuslop' model. A 'Select Profile' dialog box is overlaid on the editor, showing a list of profiles under the 'Deployed Profile' section. The 'JavaFrame' profile is selected. The 'General Information' section shows the model name as 'Rebuslop' and its location as 'C:\Documents and Settings\oystein\My Documents\Hauge'. The 'Applied Profiles' section shows a table of applied profiles.

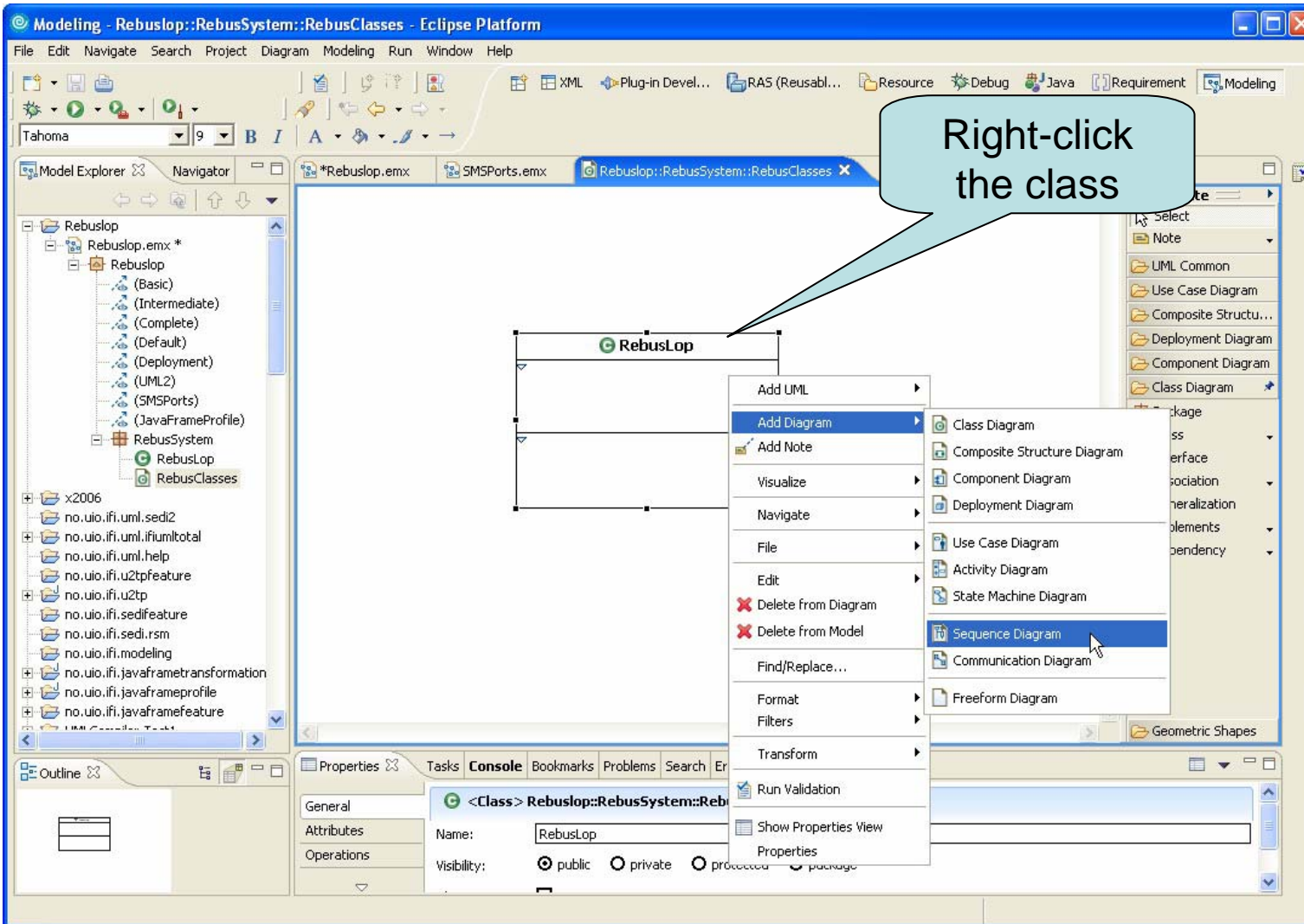
Name	Version	Release Label	Path
Basic	0		C:\Program Files\IBM\Rational\SDP\6.0\radrsm_shared\eclipse\plugins\org.eclipse.uml2.resources_1.0
Complete	0		C:\Program Files\IBM\Rational\SDP\6.0\radrsm_shared\eclipse\plugins\org.eclipse.uml2.resources_1.0
Default	0	1.00	C:\Program Files\IBM\Rational\SDP\6.0\radrsm_shared\eclipse\plugins\com.ibm.xtools.uml2.msl_6.0.1
Deployment	0	1.00	C:\Program Files\IBM\Rational\SDP\6.0\radrsm_shared\eclipse\plugins\com.ibm.xtools.uml2.msl_6.0.1
Intermediate	0		C:\Program Files\IBM\Rational\SDP\6.0\radrsm_shared\eclipse\plugins\org.eclipse.uml2.resources_1.0

Adding Diagrams



The screenshot shows the IBM Rational Software Development Platform interface. The 'Model Explorer' on the left displays a project structure with a package named 'Rebuslop'. A right-click context menu is open over this package, with the 'Add Diagram' option selected. A callout box with the text 'Right-click the package' points to the package in the Model Explorer. The 'Add Diagram' submenu is also open, showing various diagram types: Class Diagram, Composite Structure Diagram, Component Diagram, Deployment Diagram, Use Case Diagram, Activity Diagram, State Machine Diagram, Sequence Diagram, Communication Diagram, and Freeform Diagram. The 'Class Diagram' option is highlighted. The main workspace shows the 'General Information' and 'Documentation' tabs for the selected package, with fields for Name, Location, Size, Last modified, and Editable. The 'Diagrams' tab is also visible, showing a list of diagrams in the model.

Adding an Interaction / Sequence Diagram



The screenshot shows the Eclipse Platform interface with the 'Modeling' perspective. The 'Model Explorer' on the left shows a project named 'Rebuslop' with a package 'RebusSystem' containing a class 'RebusClasses'. The main editor displays a class diagram for 'RebusLop'. A context menu is open over the class, and the 'Add Diagram' option is selected, showing a sub-menu with 'Sequence Diagram' highlighted. A speech bubble points to the class with the text 'Right-click the class'. The 'Properties' view at the bottom shows the class name 'RebusLop' and its visibility set to 'public'.

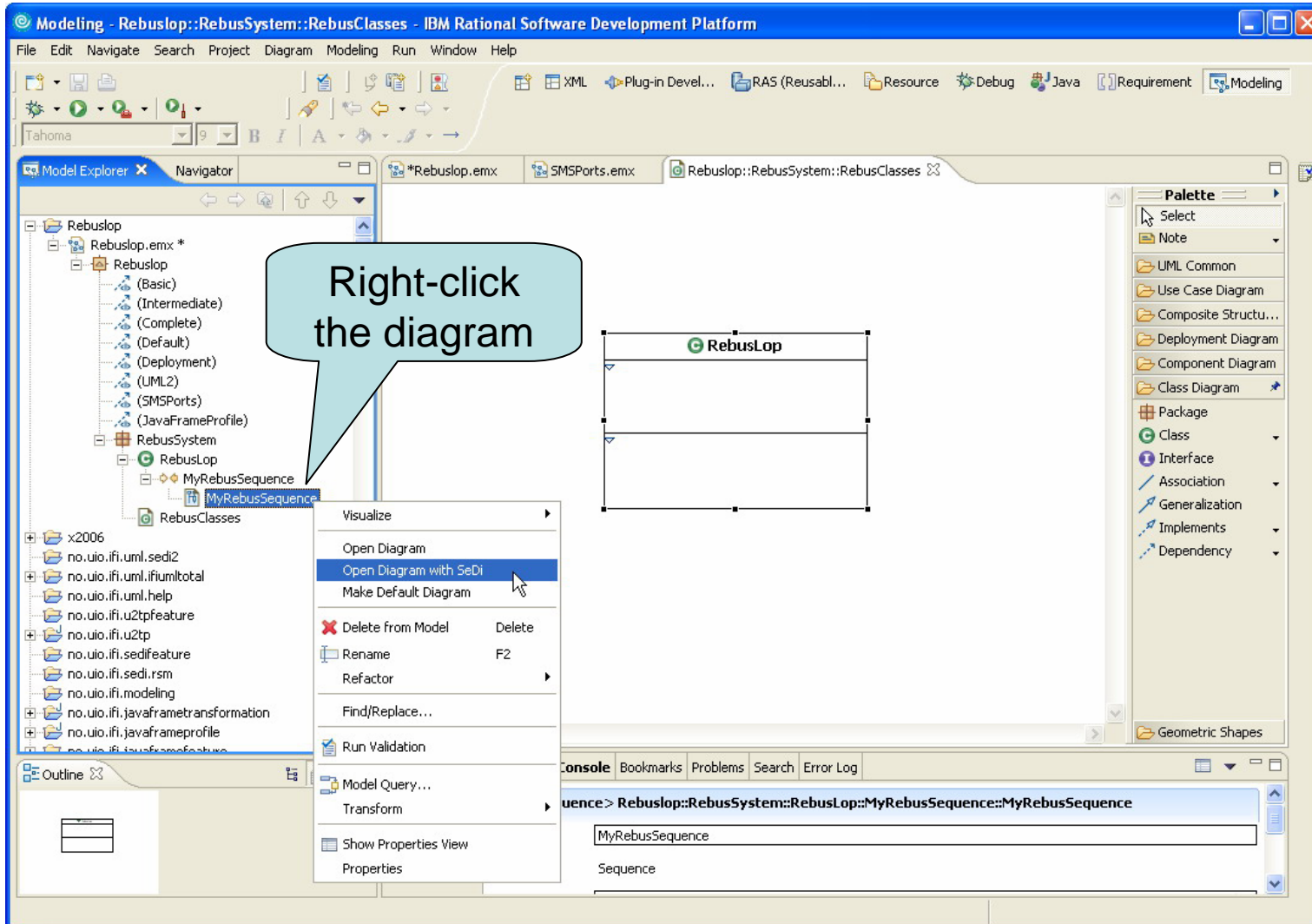
Right-click the class

Change the names by F2 or double click

The screenshot shows the Eclipse IDE interface. The Model Explorer on the left displays a project structure with a sequence diagram named 'MyRebusSequence'. The Properties view at the bottom shows the diagram's name and type. A callout bubble points to the 'Close' button in the Palette.

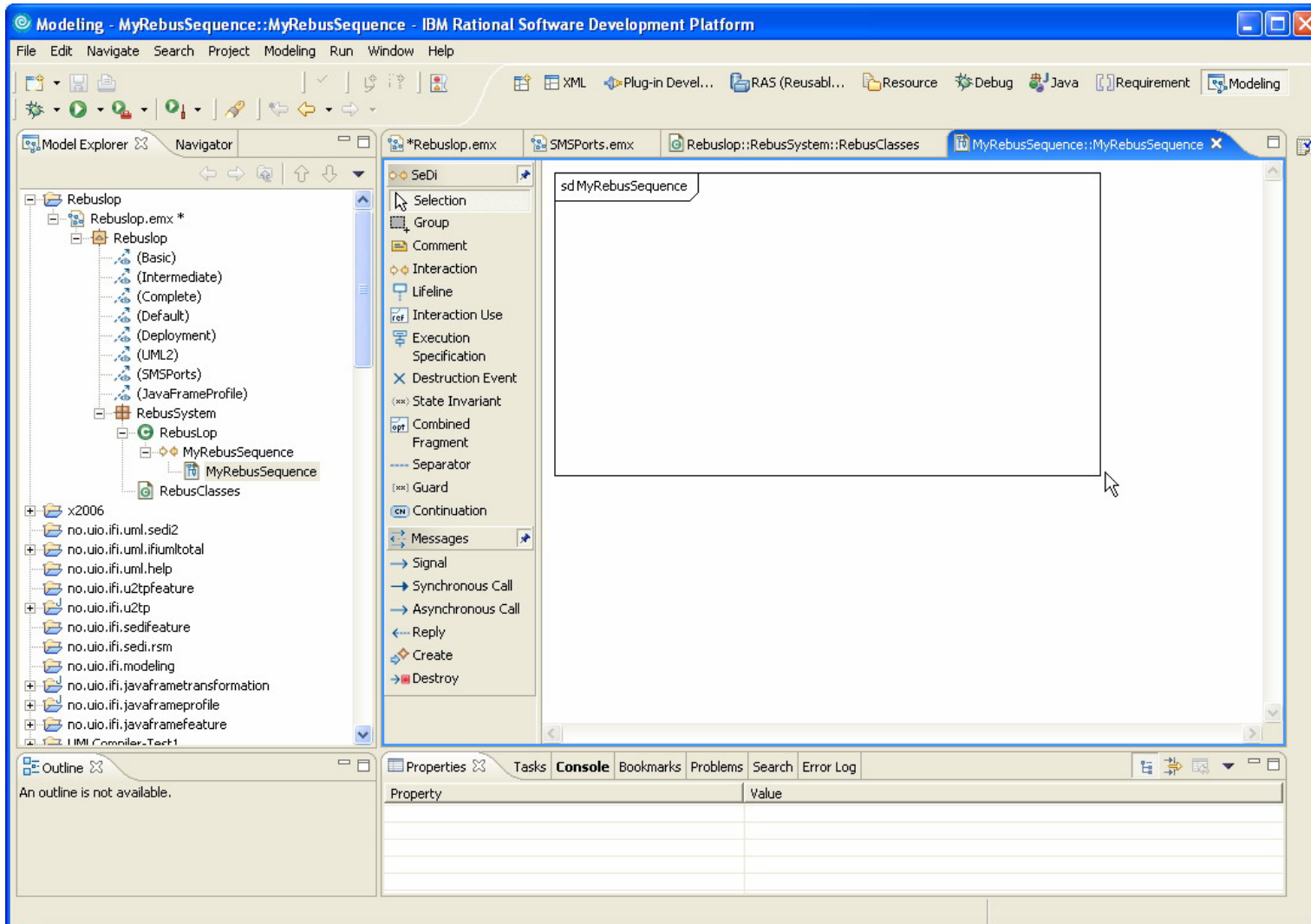
close RSM
seq. diag

Re-open with Open With SeDi



The screenshot shows the IBM Rational Software Development Platform interface. The main window displays a UML class diagram for 'RebusLop'. A right-click context menu is open over the diagram, with the option 'Open Diagram with SeDi' highlighted. A callout box with the text 'Right-click the diagram' points to the diagram. The left sidebar shows the Model Explorer with a tree view of the project structure. The right sidebar shows the Palette with various UML diagram types. The bottom console shows the current selection: 'RebusLop::RebusSystem::RebusLop::MyRebusSequence::MyRebusSequence'.

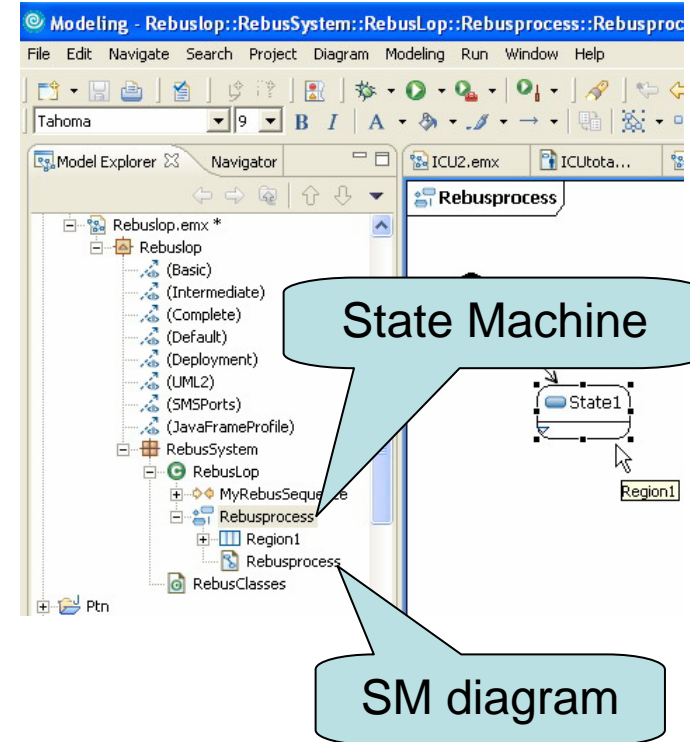
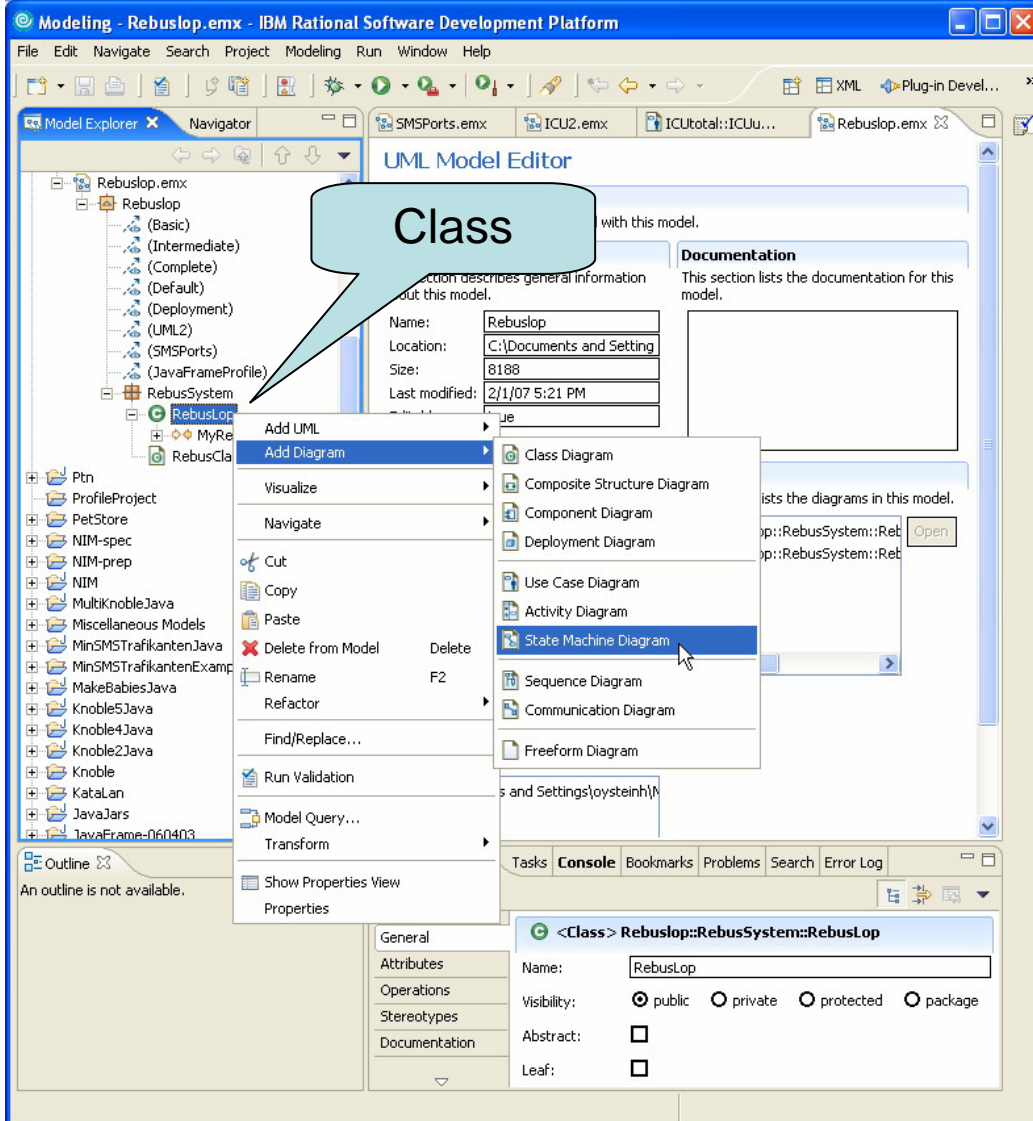
SeDi is activated



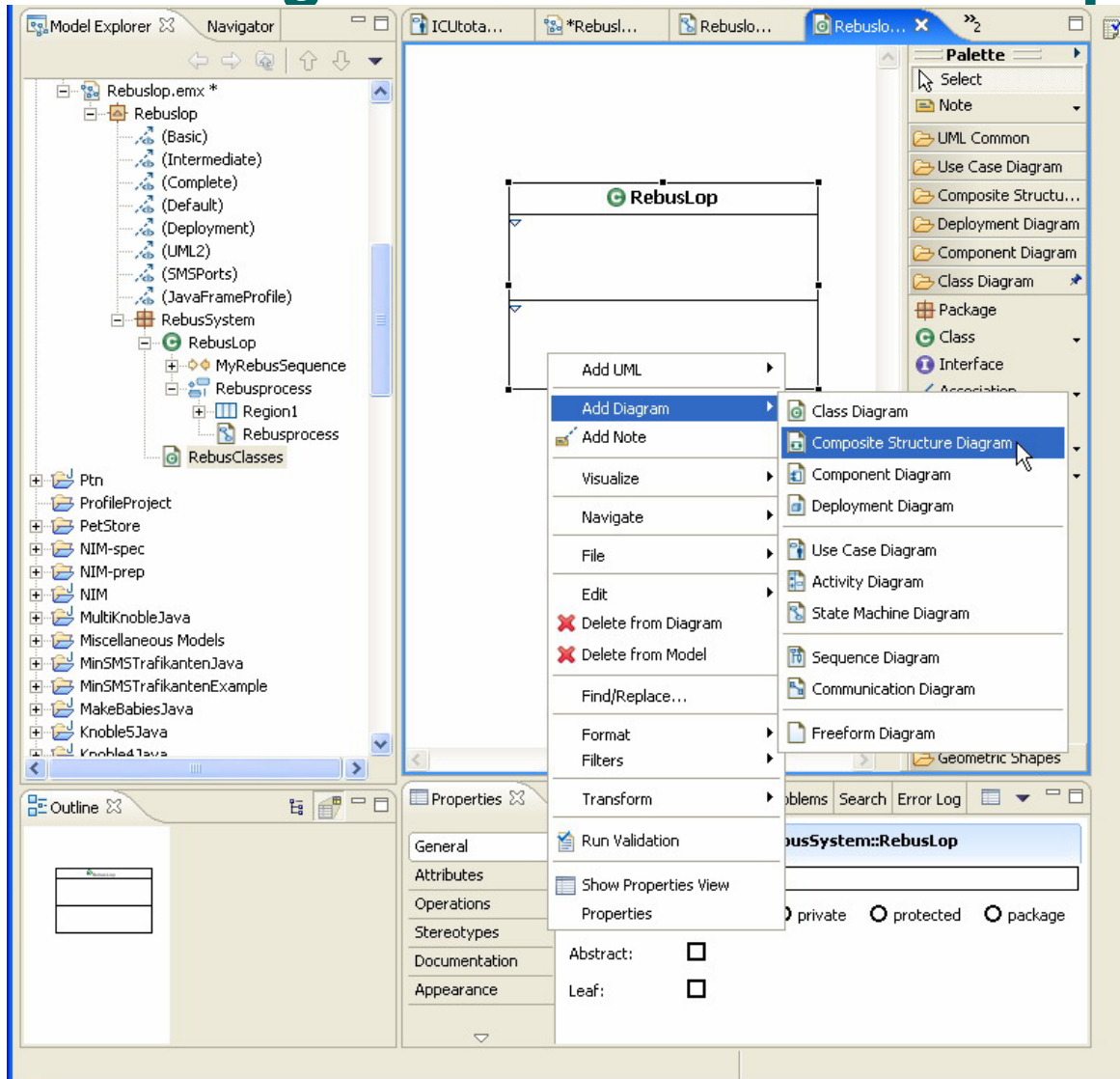
Where are we so far?

The screenshot displays the IBM Rational Software Development Platform interface. The main window is titled "UML Model Editor" and shows a project named "Rebuslop". The left-hand side features a "Model Explorer" tree view with a "Navigator" pane. A callout bubble labeled "class" points to the "Rebuslop" package. Another callout labeled "Interaction" points to the "MyRebusSequence" package. A third callout labeled "Seq. diag." points to the "MyRebusSequence" package. A fourth callout labeled "Profile" points to the "JavaFrameProfile" package. A fifth callout labeled "class diag." points to the "RebusClasses" package. The main editor area shows the "UML Model Editor" with several panes: "Alerts and Action Items", "Documentation", "Applied Profiles", "Referenced Models", and "Diagrams". The "Diagrams" pane lists the "Rebuslop::RebusSystem::RebusClasses" and "Rebuslop::RebusSystem::RebusLop::MyRebusSequence" diagrams. The bottom of the interface shows the "Properties", "Tasks", "Console", "Bookmarks", "Problems", "Search", and "Error Log" panes.

Adding the leaf State Machine



Adding state machine to composite structure



The screenshot shows the Eclipse IDE interface. On the left, the Model Explorer displays a project structure with a package named 'RebusLop'. The main workspace shows a UML Class Diagram for 'RebusLop'. A context menu is open over the diagram, with 'Add Diagram' selected, leading to a sub-menu where 'Composite Structure Diagram' is highlighted. The Palette on the right lists various UML diagram types, with 'Composite Structure Diagram' also visible. The Properties view at the bottom shows the 'General' tab for the selected diagram.

Dragging the state machine into the composite

