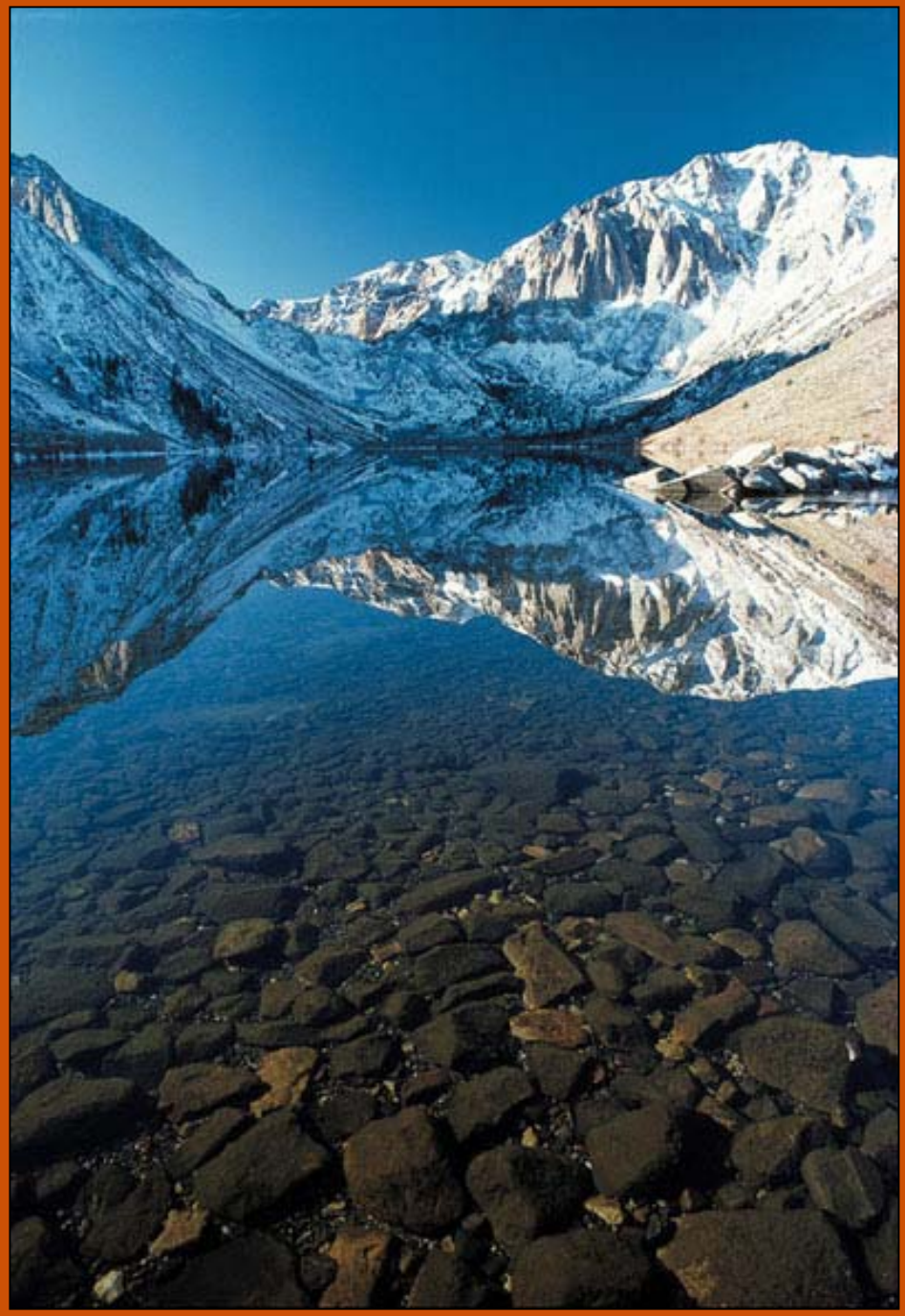
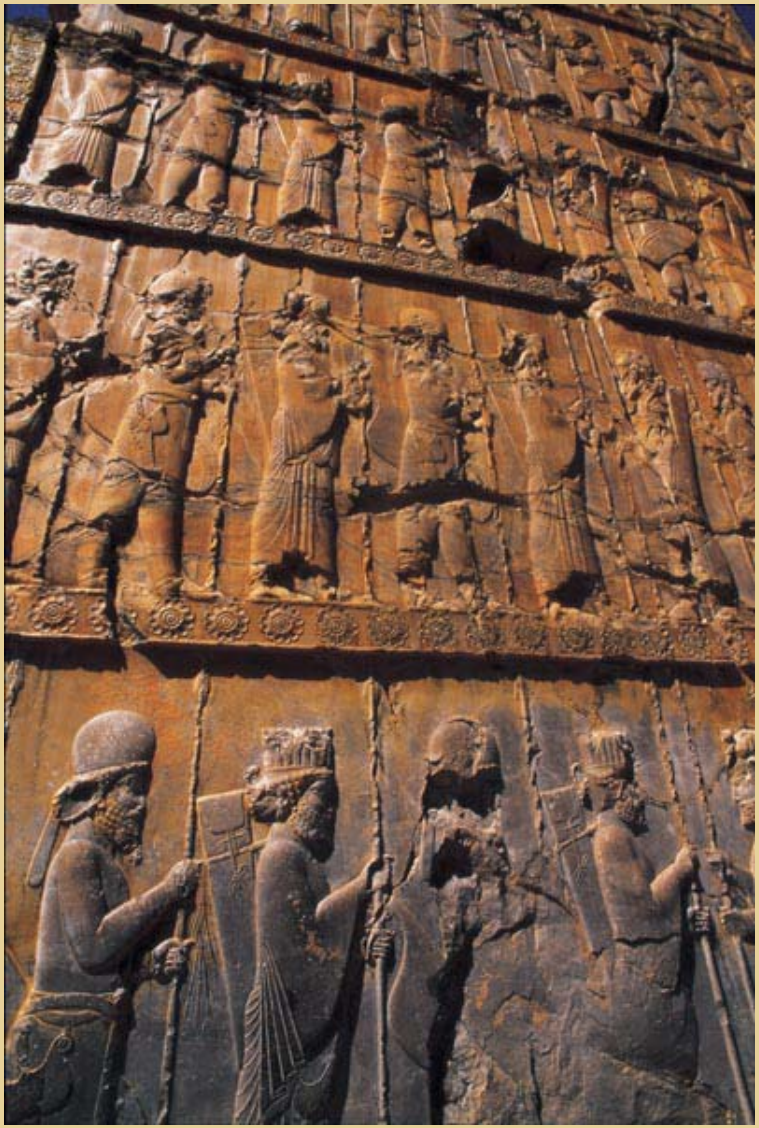


Rational Rose 2001

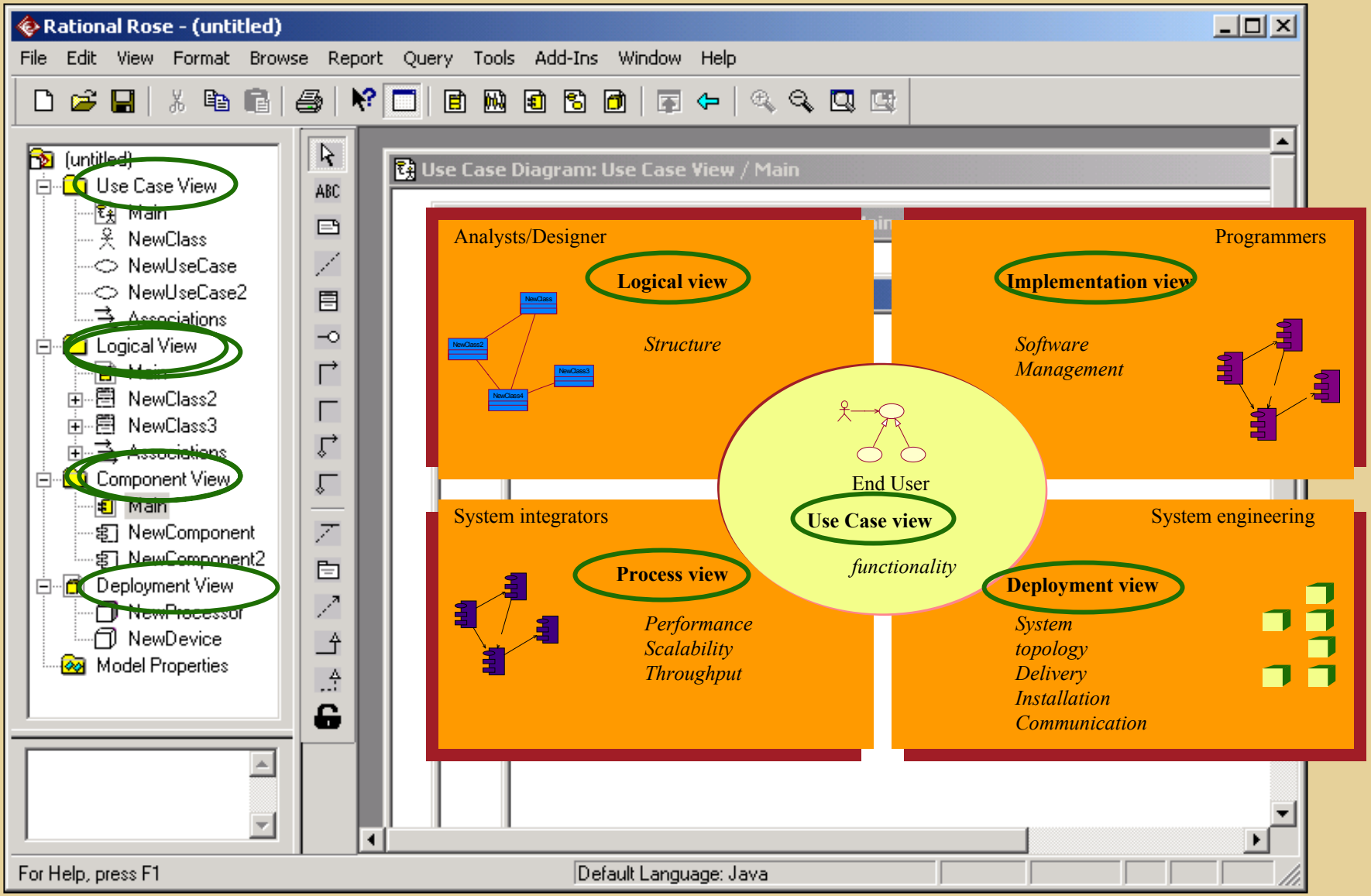
*The leading tool to design with **UML***

Agenda

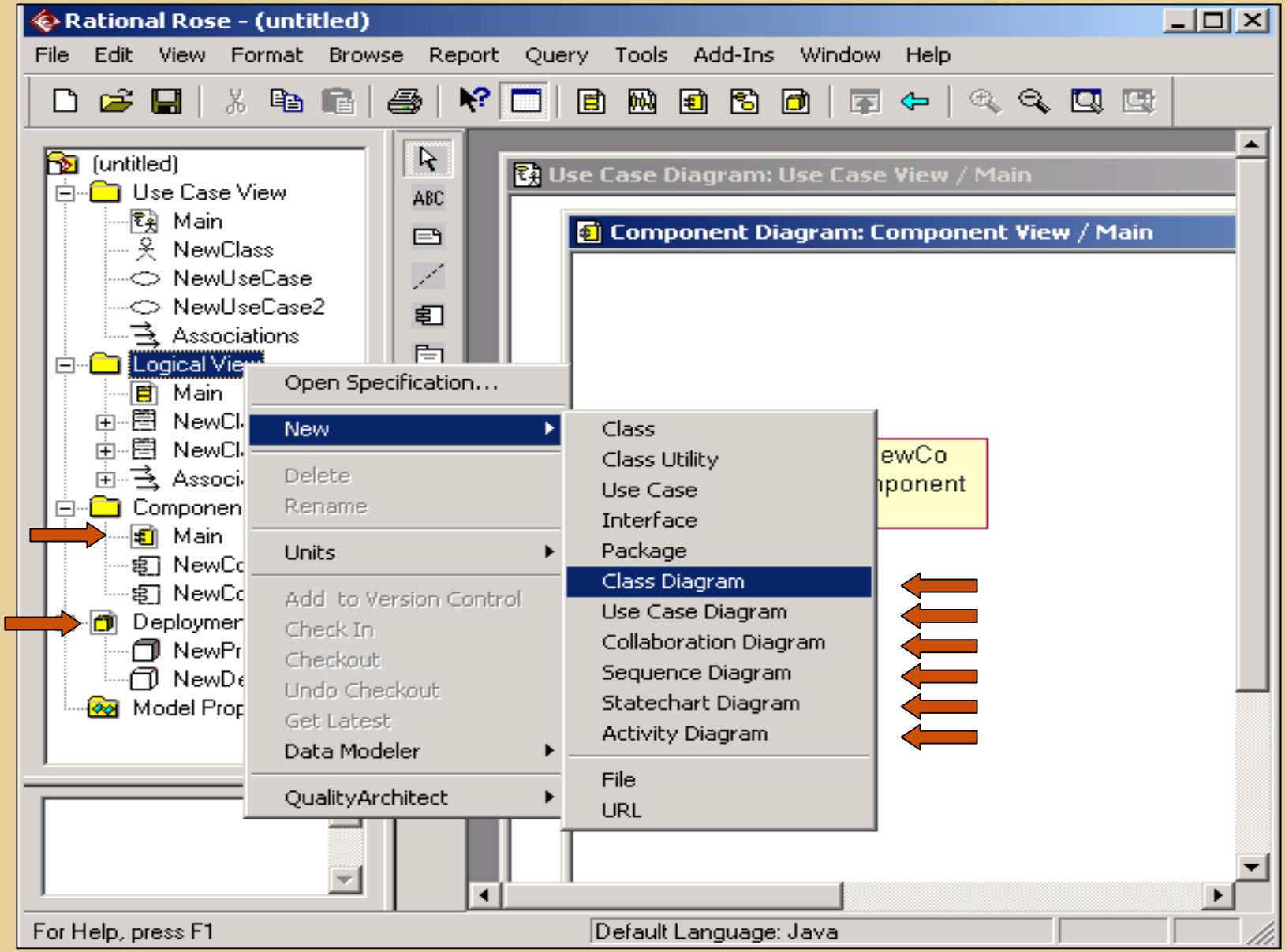


- Rational Rose 2001
  - Rational Architecture
  - UML diagrams
  - Extending the language
  - Web publishing
  - Working with team
  - Foreword reverse eng. with Oracle
  - Foreword reverse eng. with Java
  - Integration with Jdeveloper
- Rational SoDA 2001
  - Generation Word document
- Rational Unified Process
  - Overview

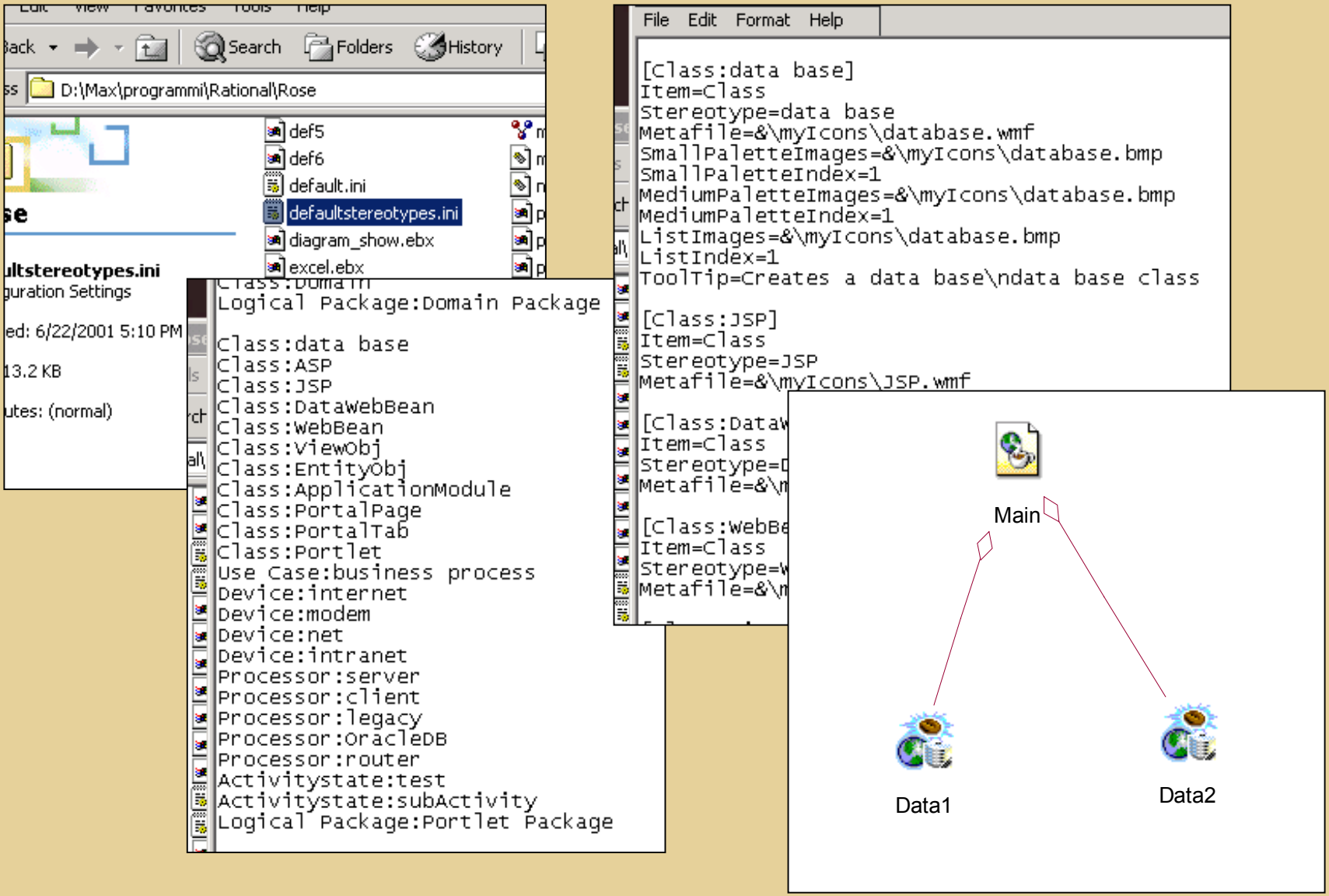
UML architecture



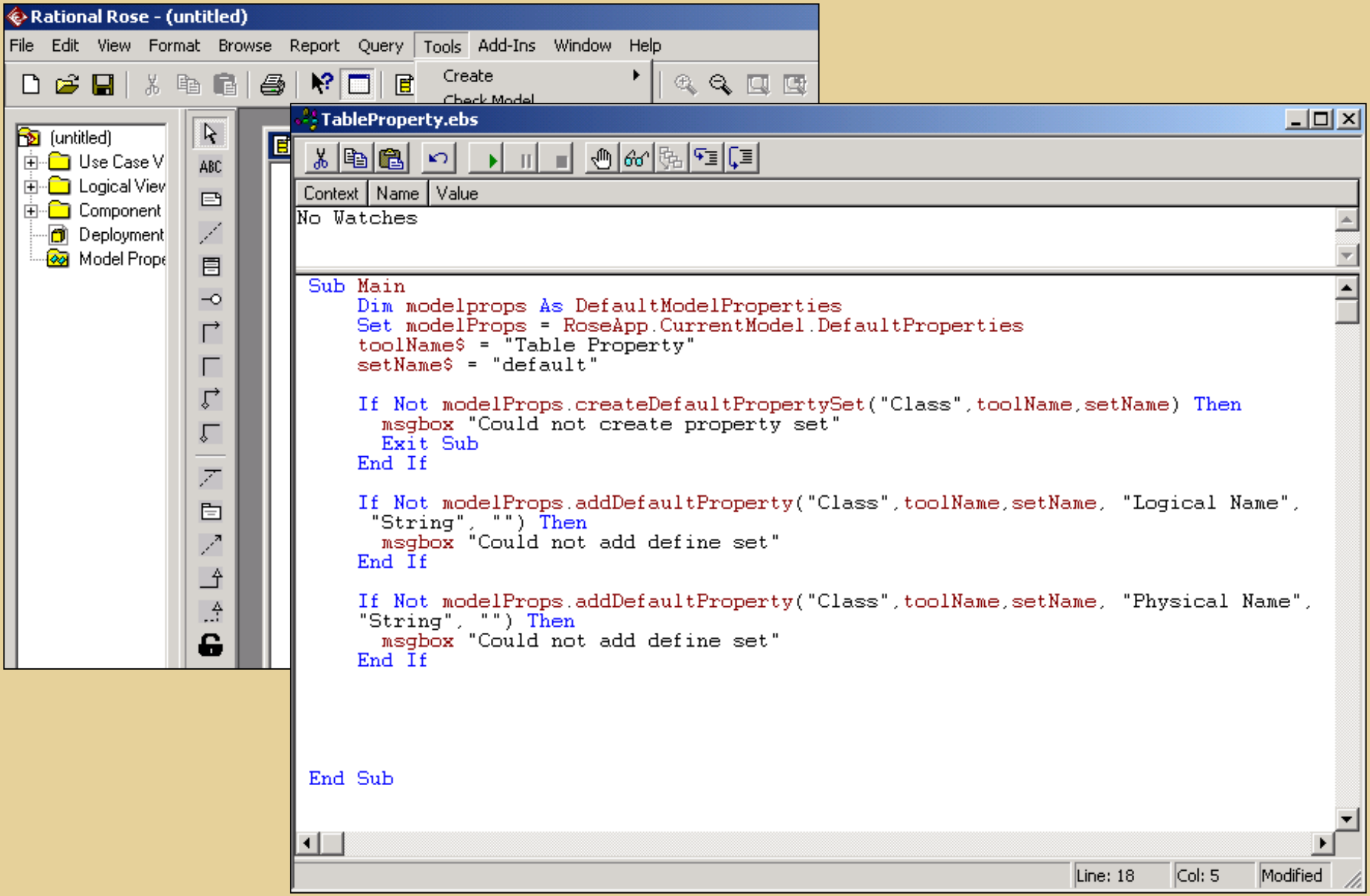
UML diagrams



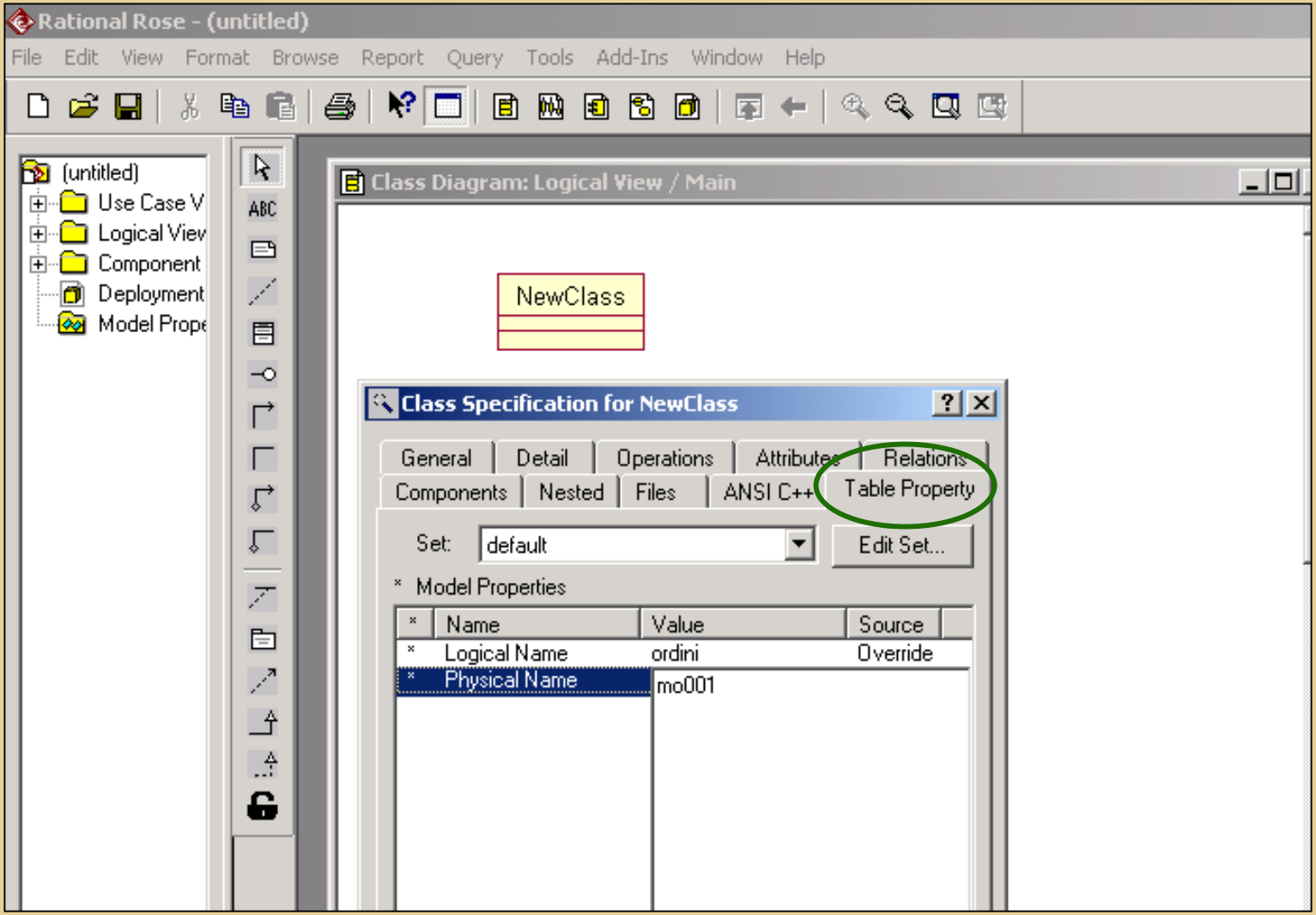
Extending the language: Stereotypes



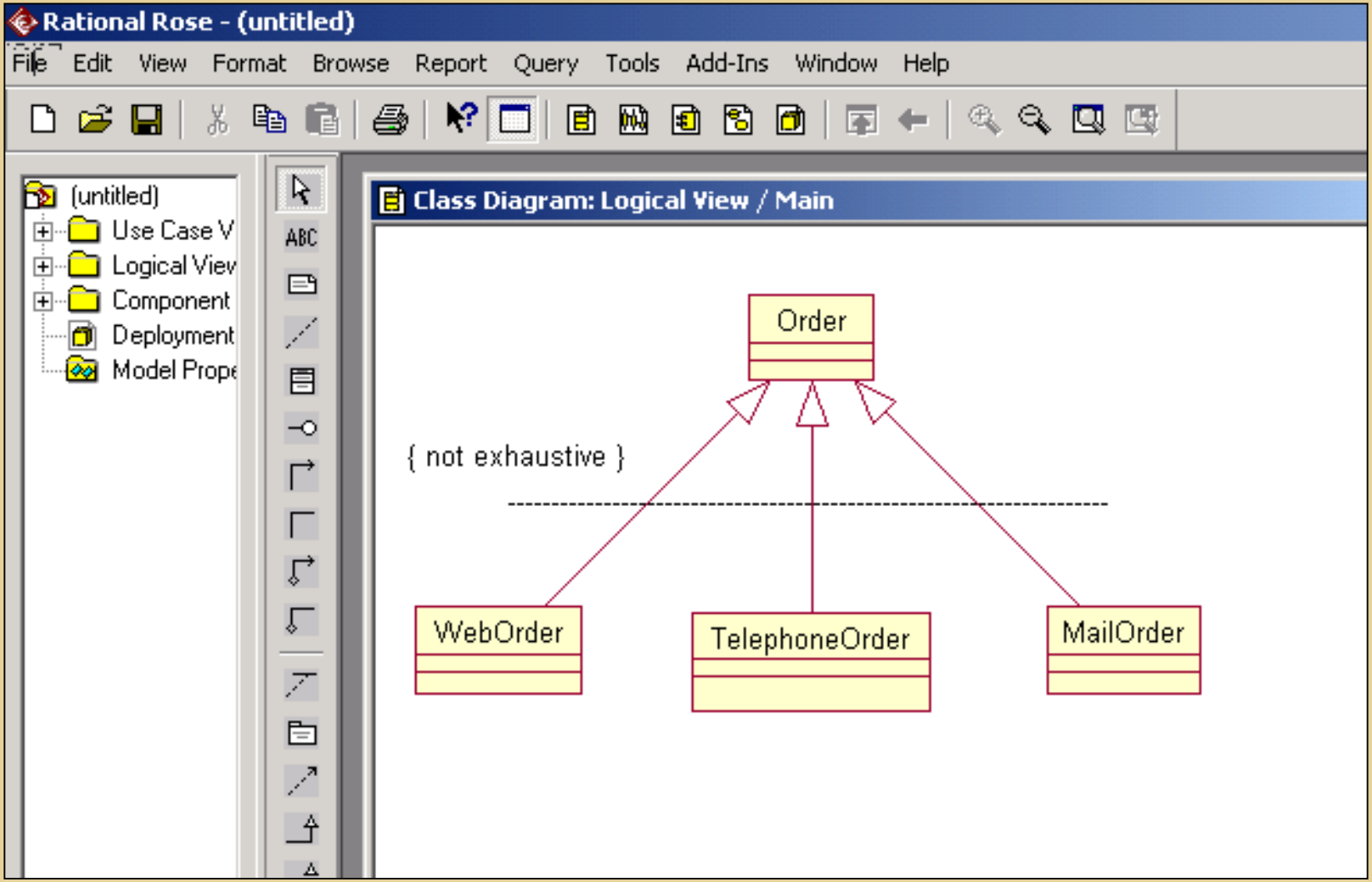
Extending the language: tagged value



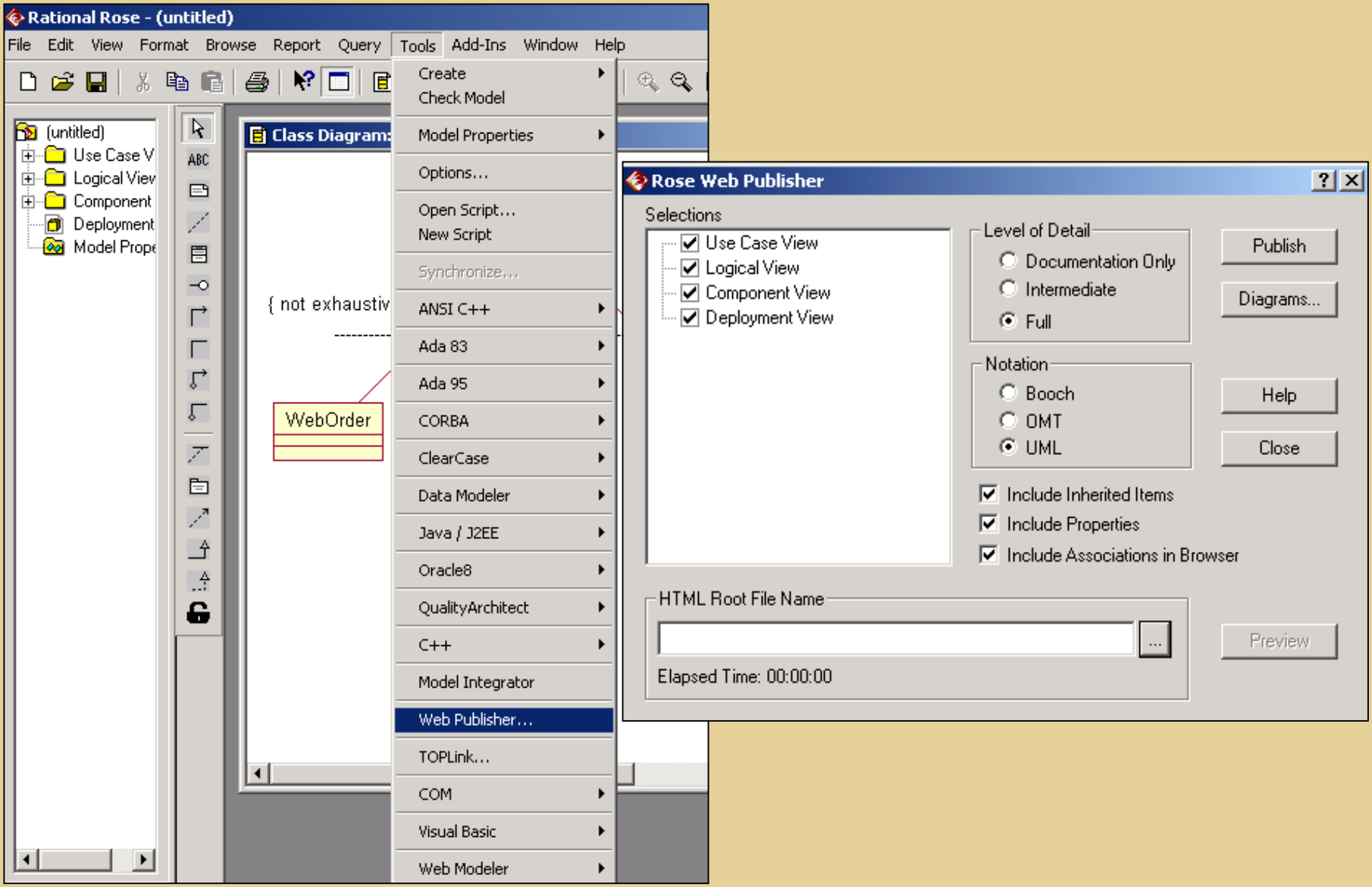
Extending the language: tagged value



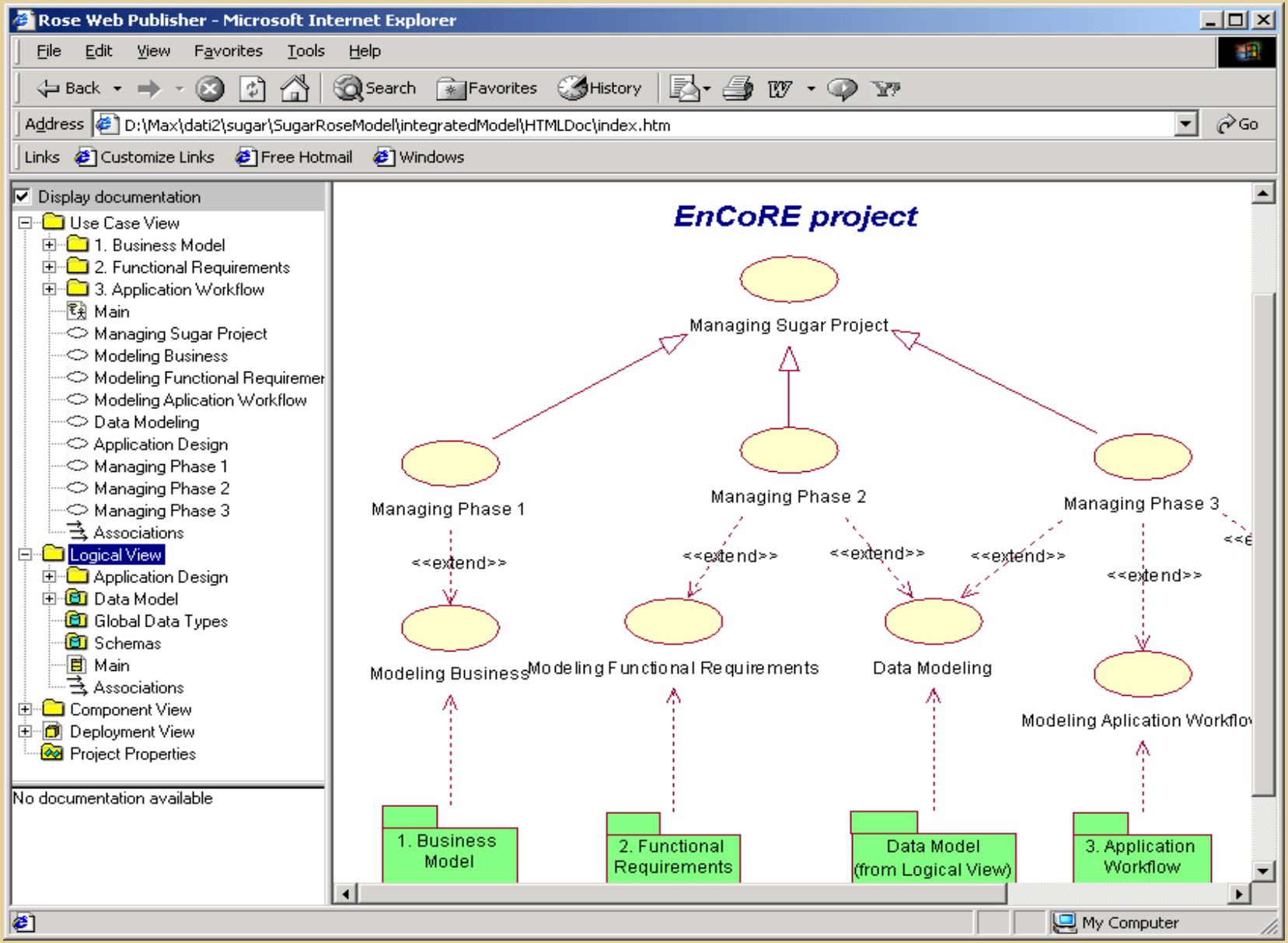
Extending the language: OCL



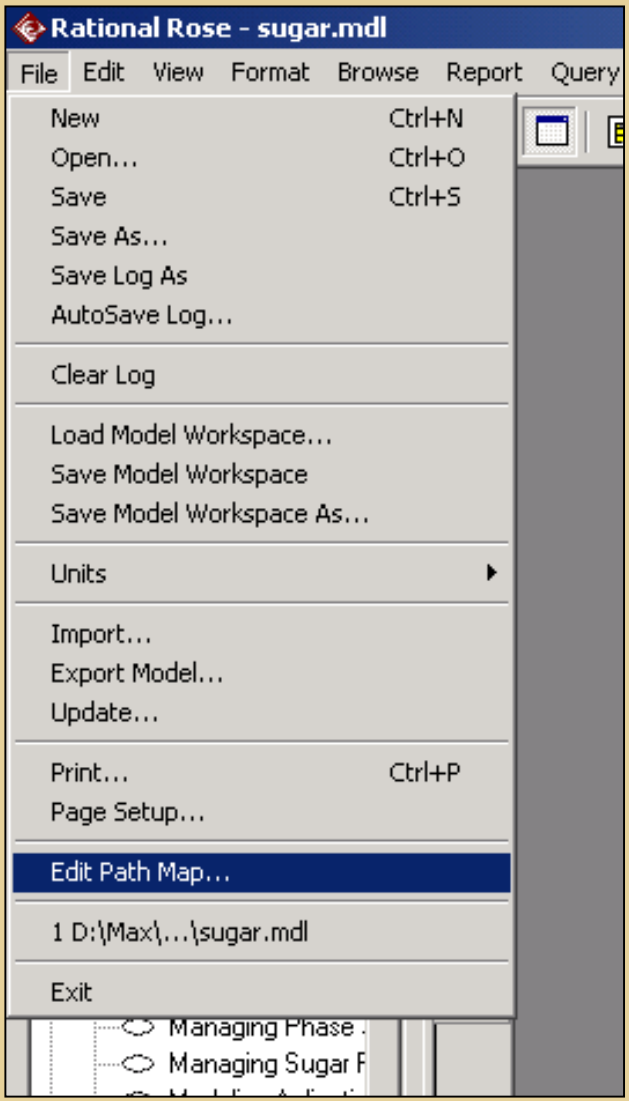
Web Publishing

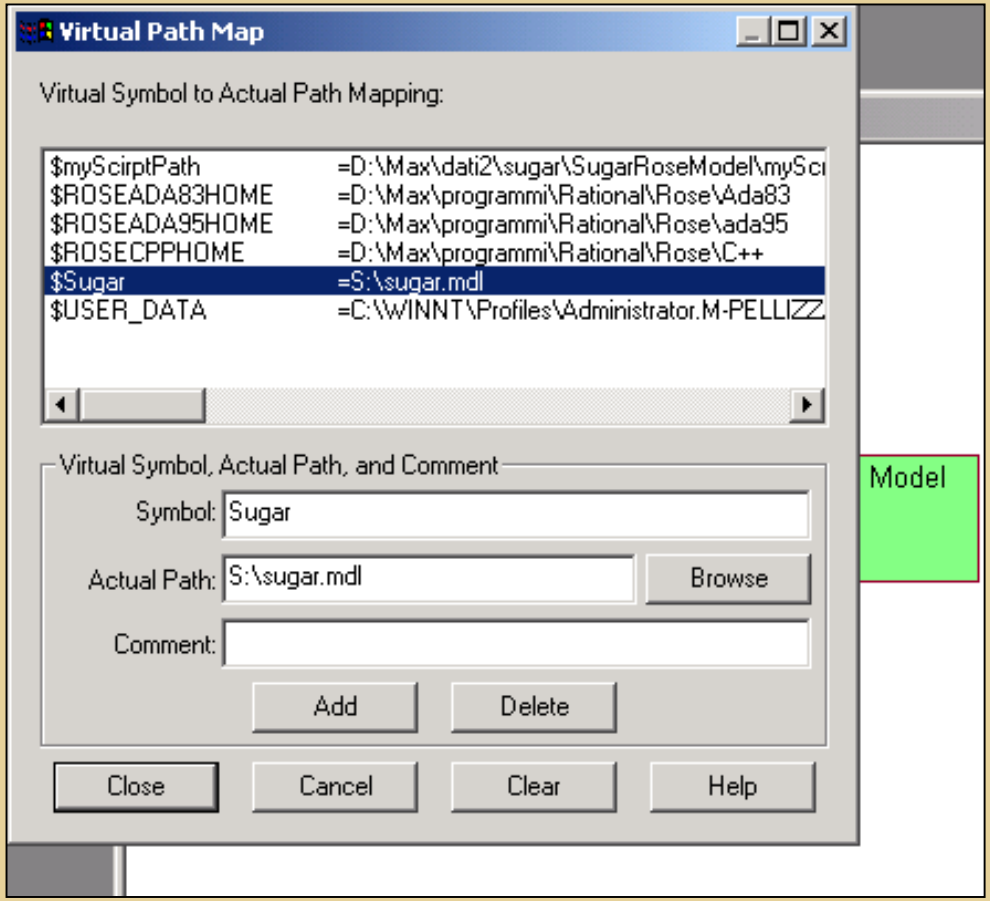


Web Publishing

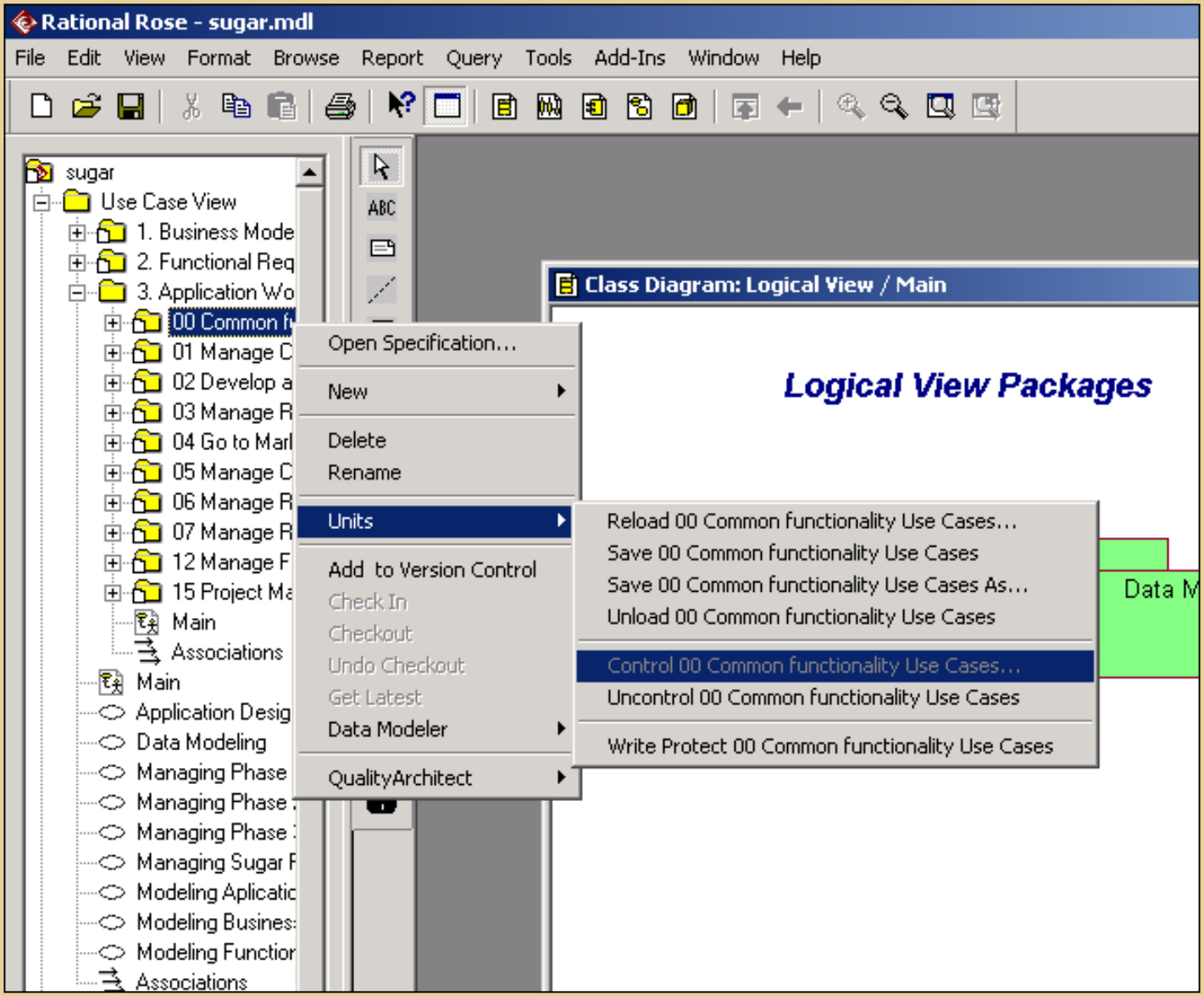


Working with team



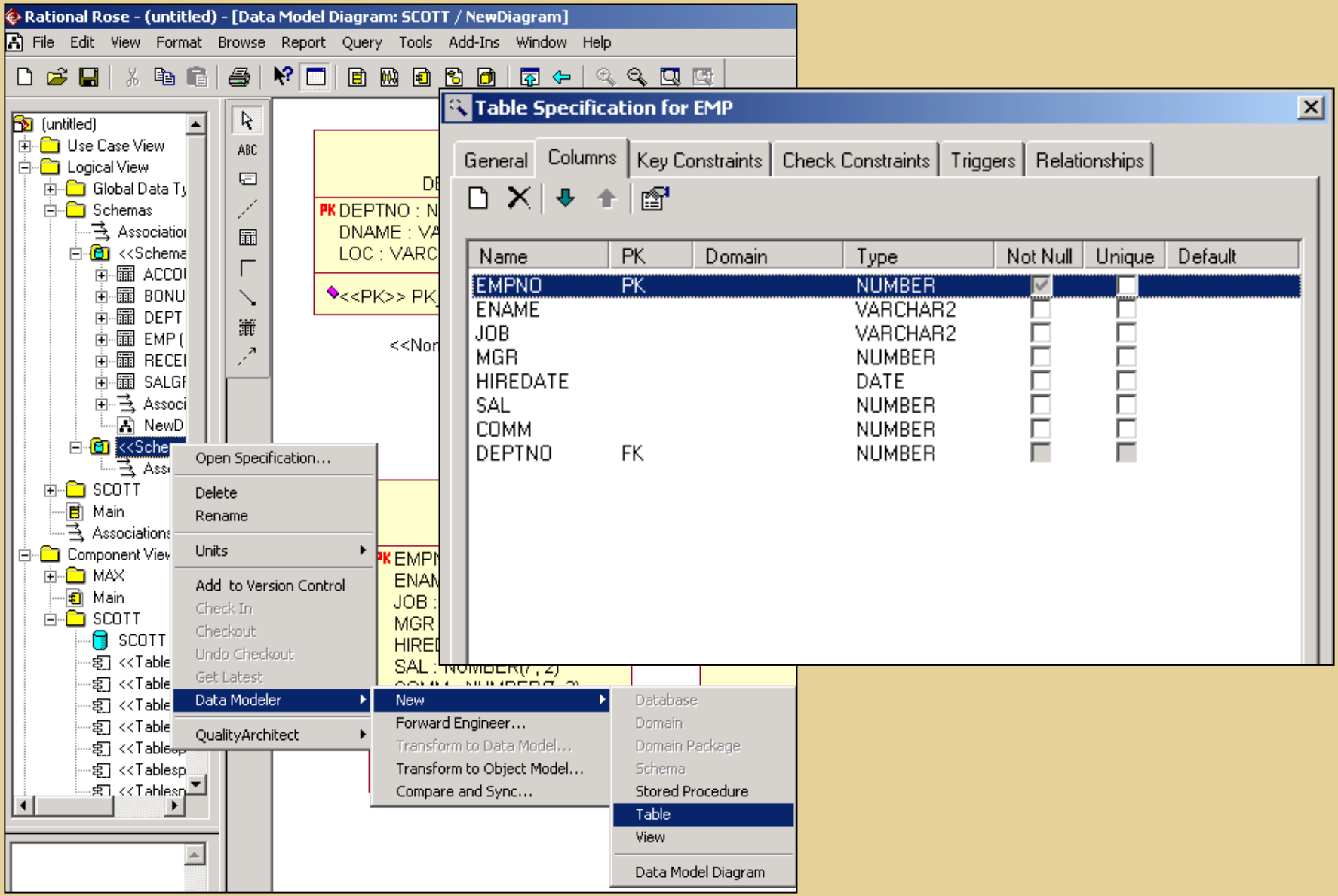


Defining Units

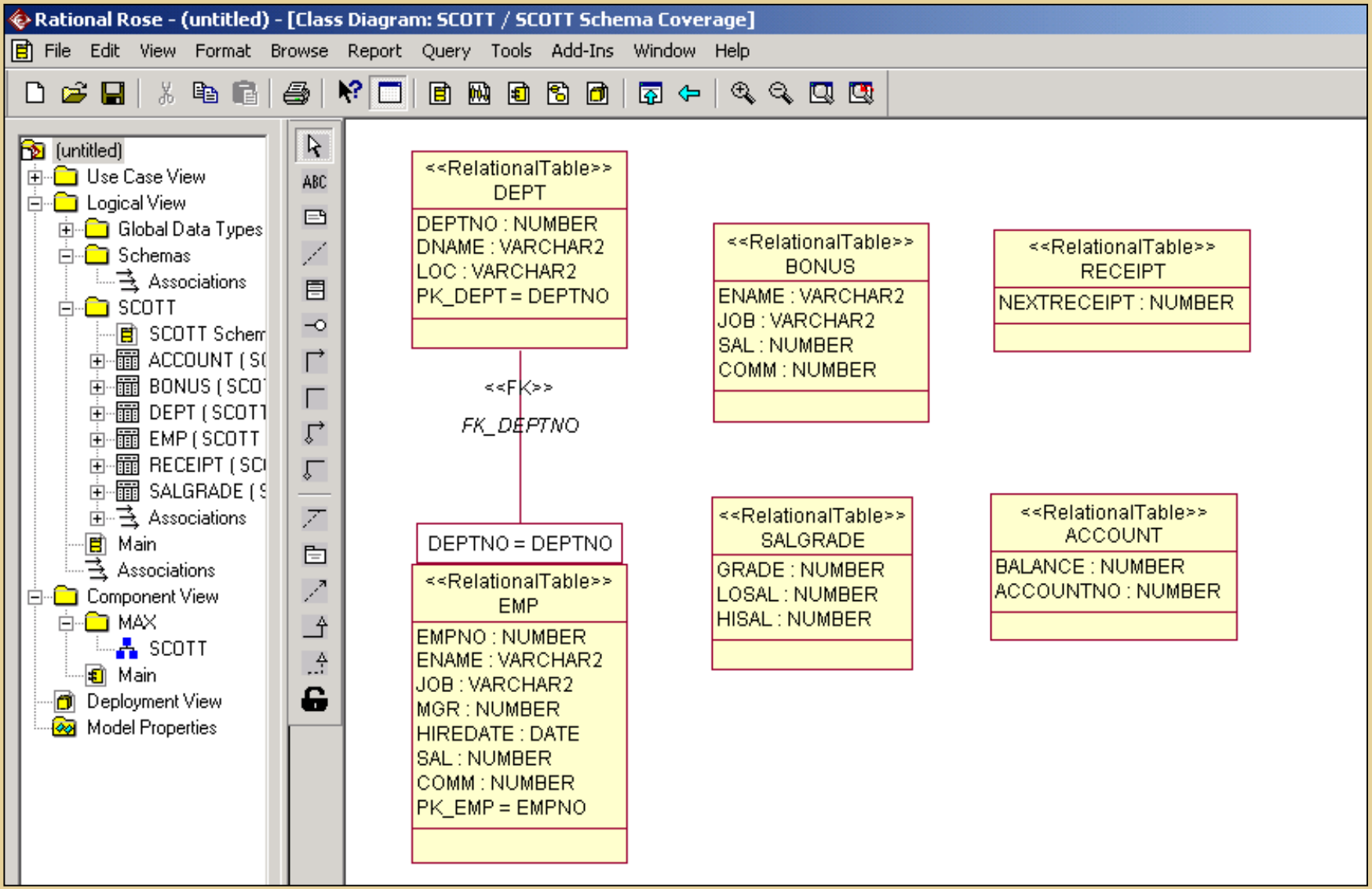


Oracle Data Base

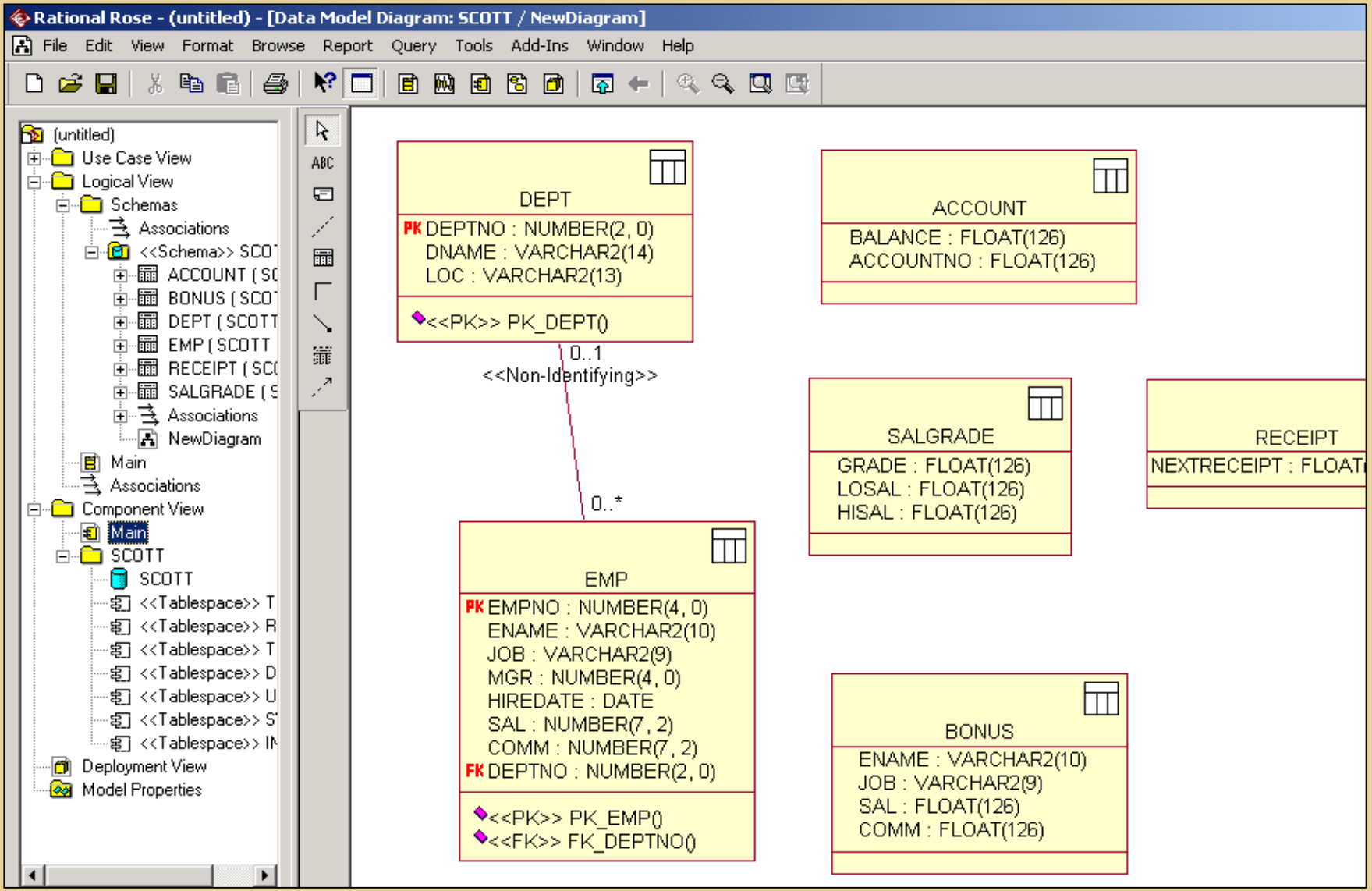
Data Model


Rational Rose - (untitled) - [Data Model Diagram: SCOTT / NewDiagram]
File Edit View Format Browse Report Query Tools Add-Ins Window Help
(untitled)
Use Case View
Logical View
Global Data Ty
Schemas
Open Specification...
Delete
Rename
Units
Add to Version Control
Check In
Checkout
Undo Checkout
Get Latest
Data Modeler
QualityArchitect
New
Forward Engineer...
Transform to Data Model...
Transform to Object Model...
Compare and Sync...
Database
Domain
Domain Package
Schema
Stored Procedure
Table
View
Data Model Diagram
Table Specification for EMP
General
Columns
Key Constraints
Check Constraints
Triggers
Relationships
Name PK Domain Type Not Null Unique Default
EMPNO PK NUMBER
ENAME VARCHAR2
JOB VARCHAR2
MGR NUMBER
HIREDATE DATE
SAL NUMBER
COMM NUMBER
DEPTNO FK NUMBER

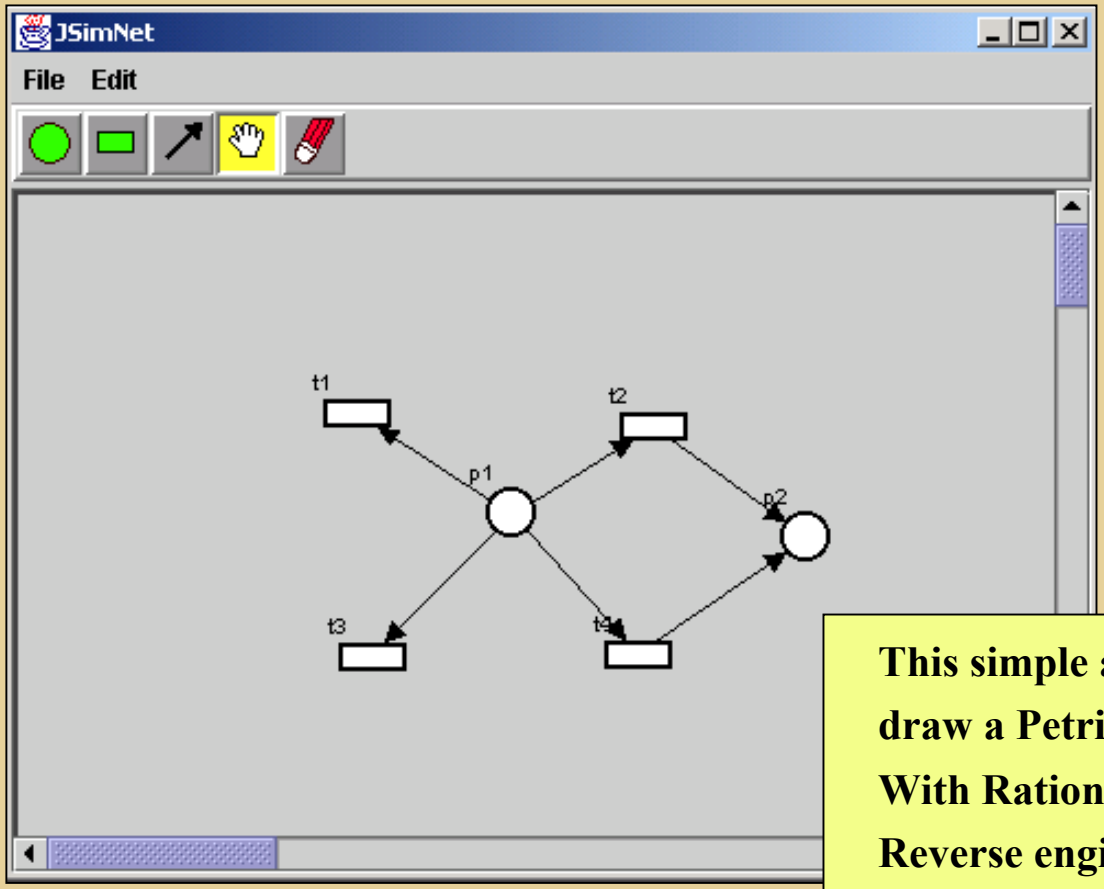
Scott Tiger schema: Oracle reverse



Scott Tiger schema: DM reverse



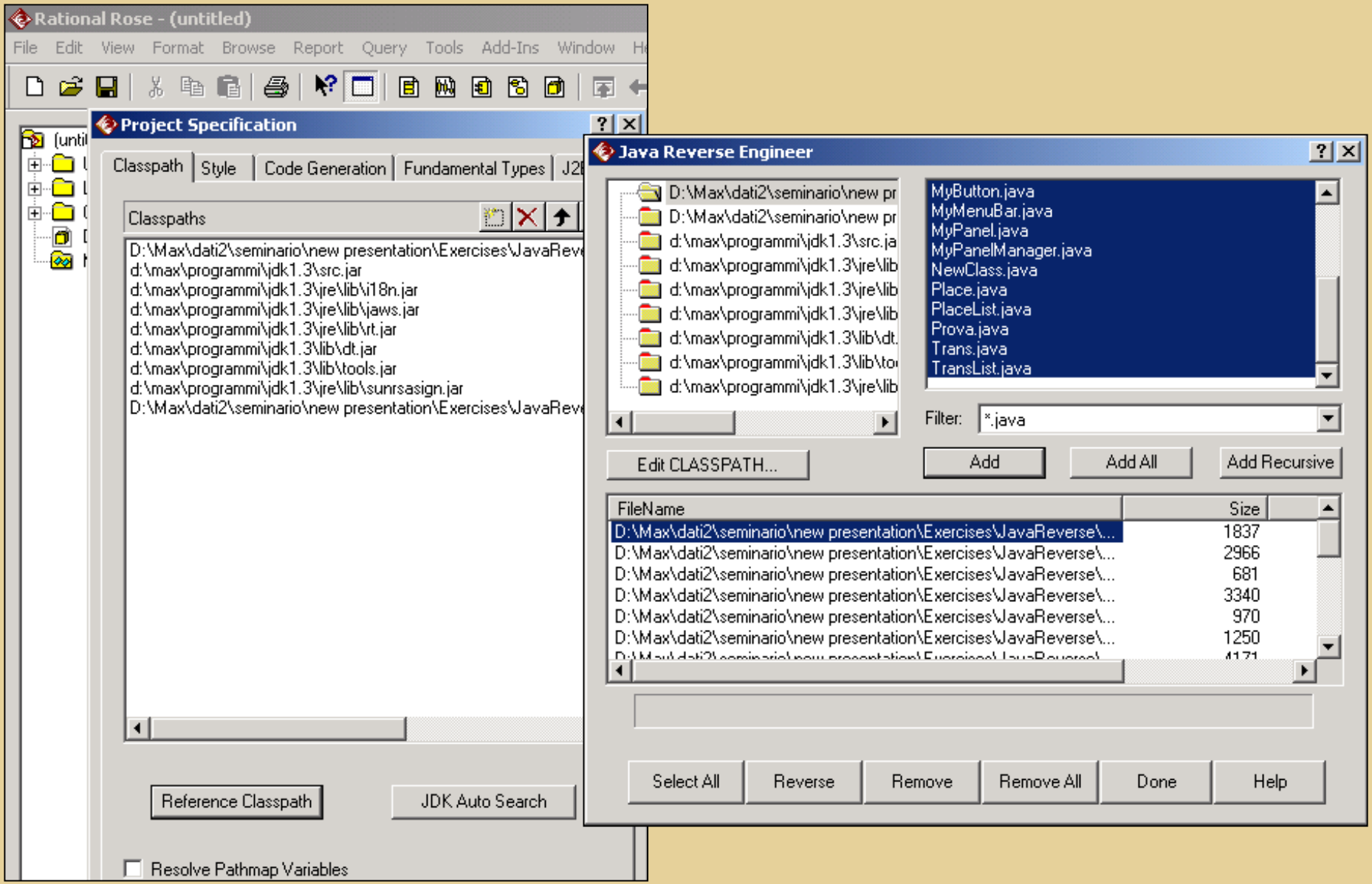
A Java application



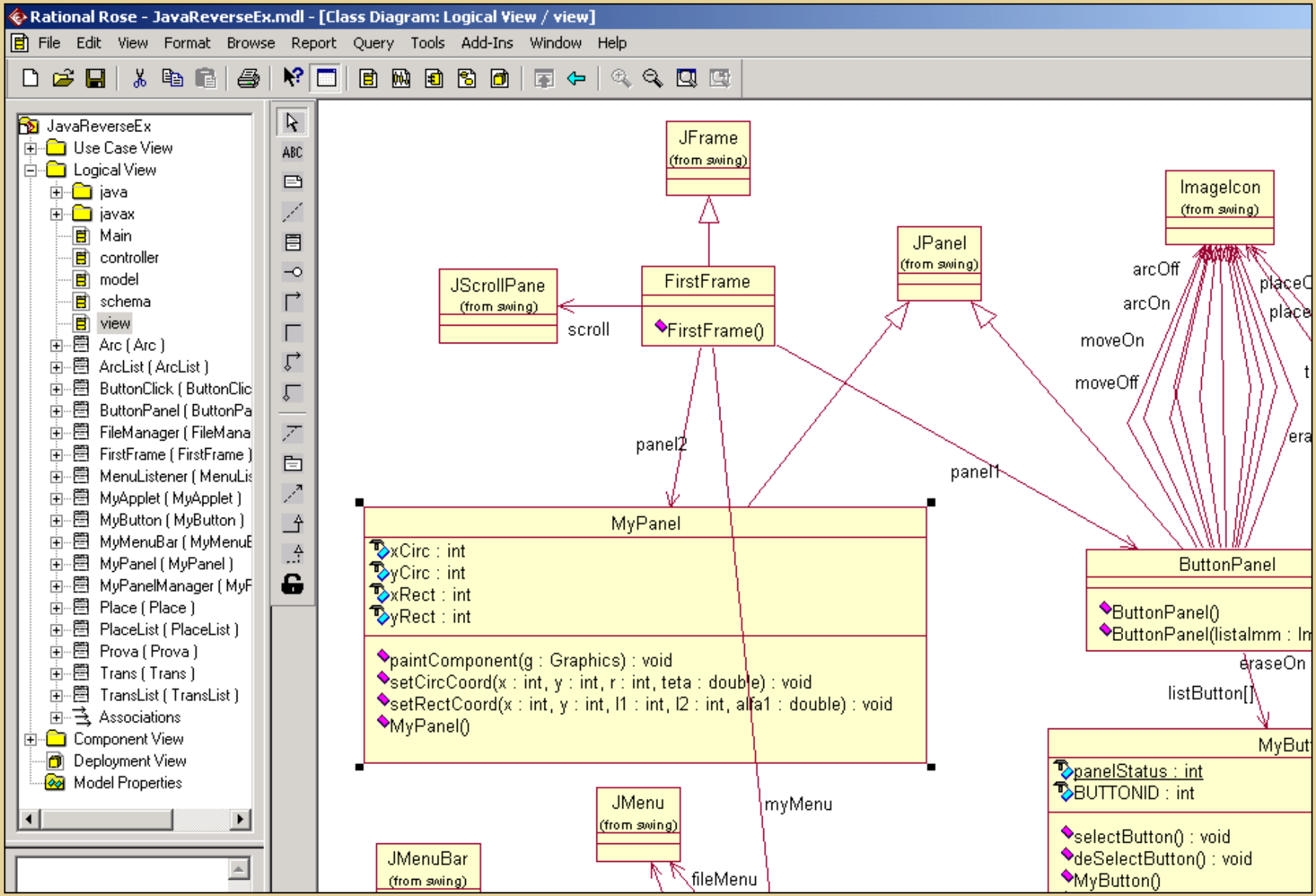
This simple application enables you to draw a Petri Net.

With Rational Rose it will be possible to Reverse engineering the entire application and brows throughout the Java code.

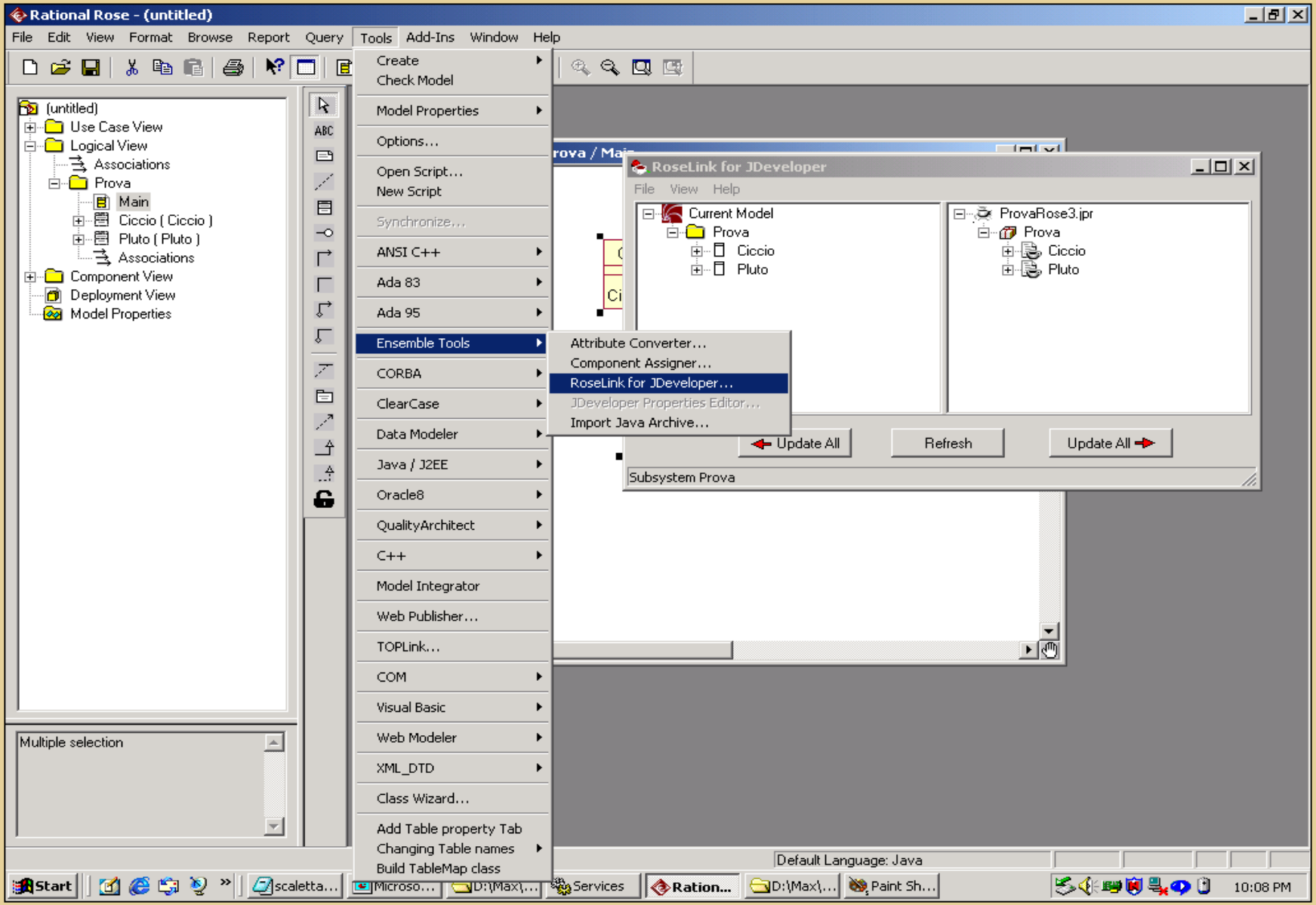
Reverse engineering Java code



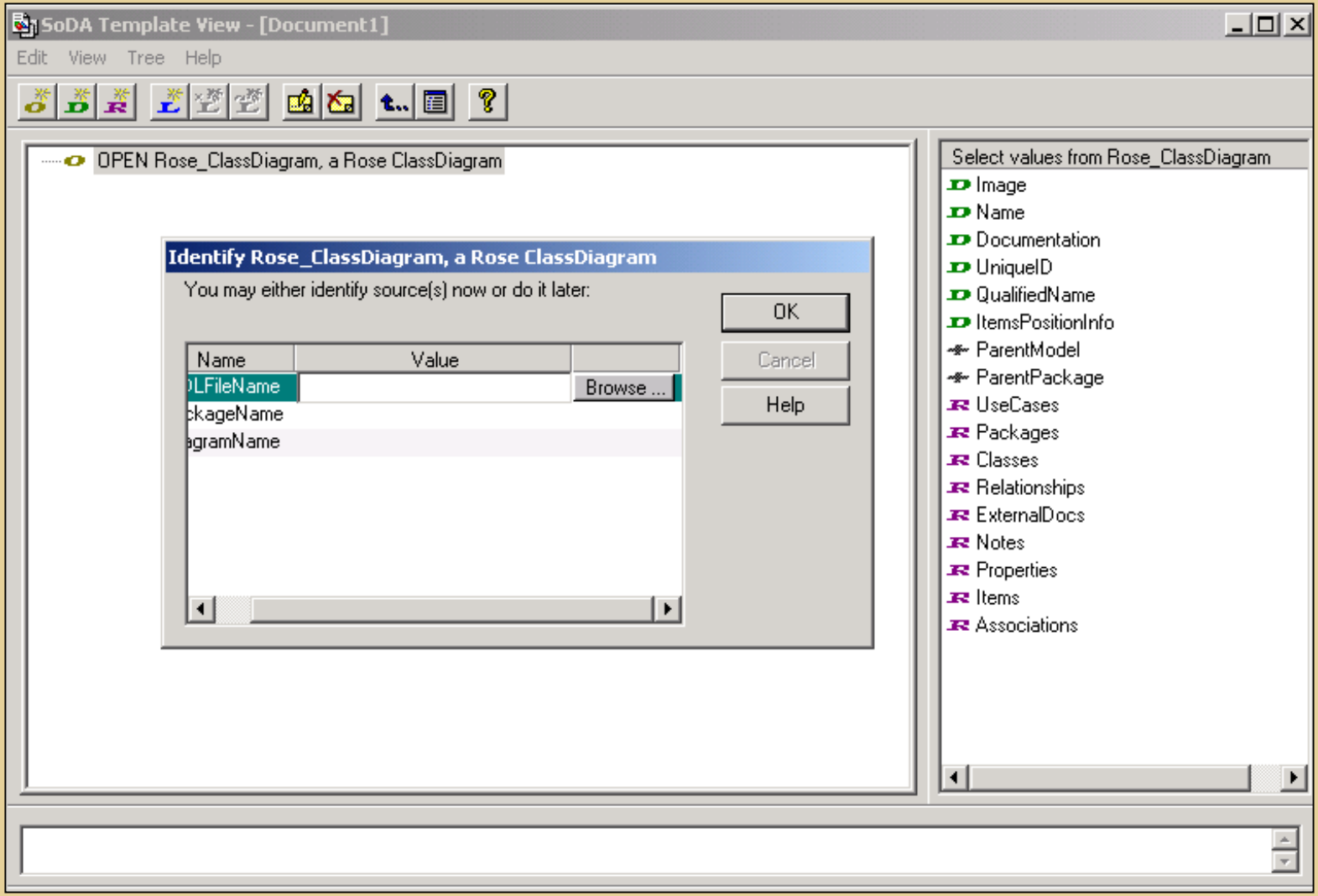
The class diagrams



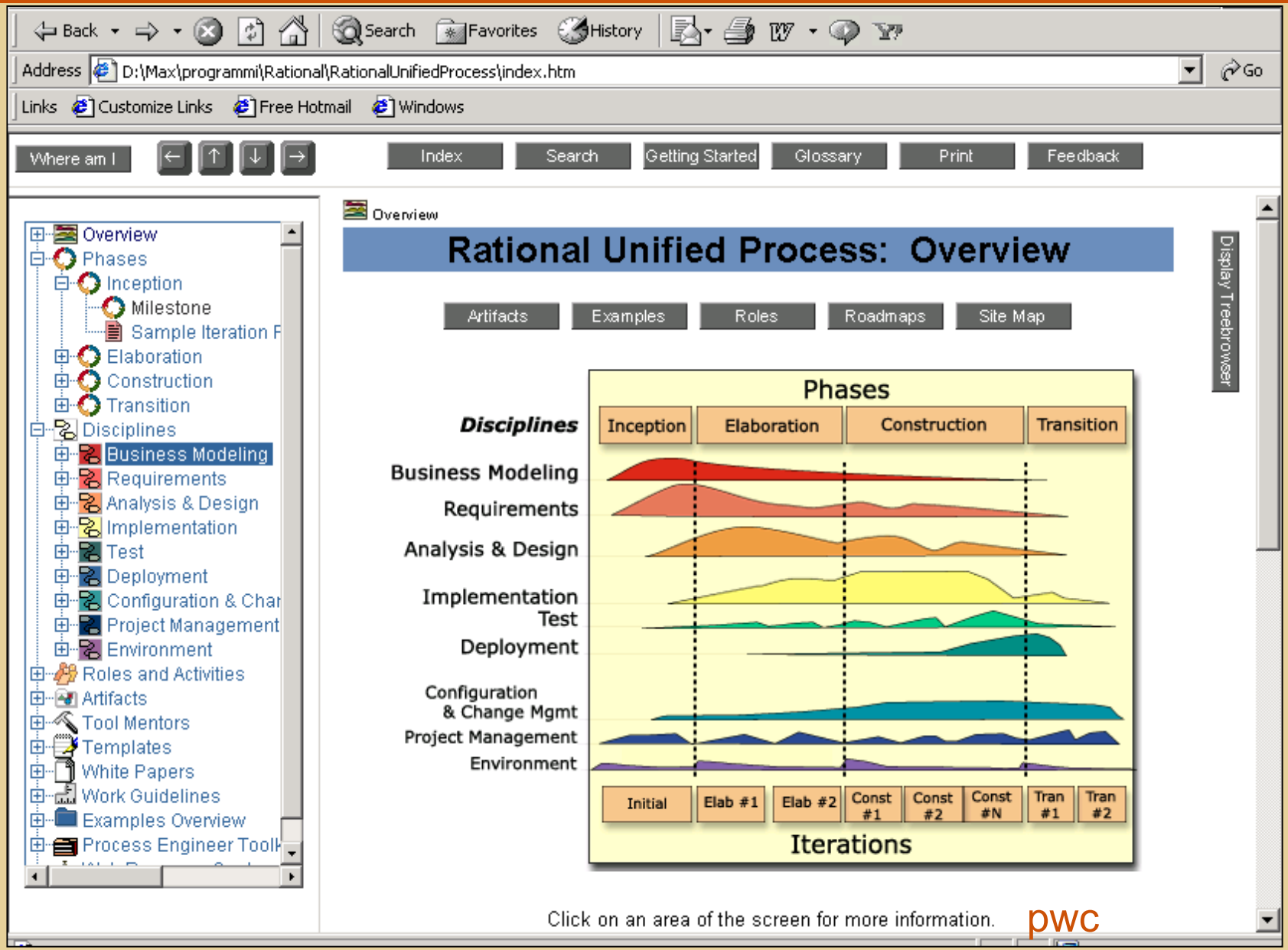
Integration with JDeveloper



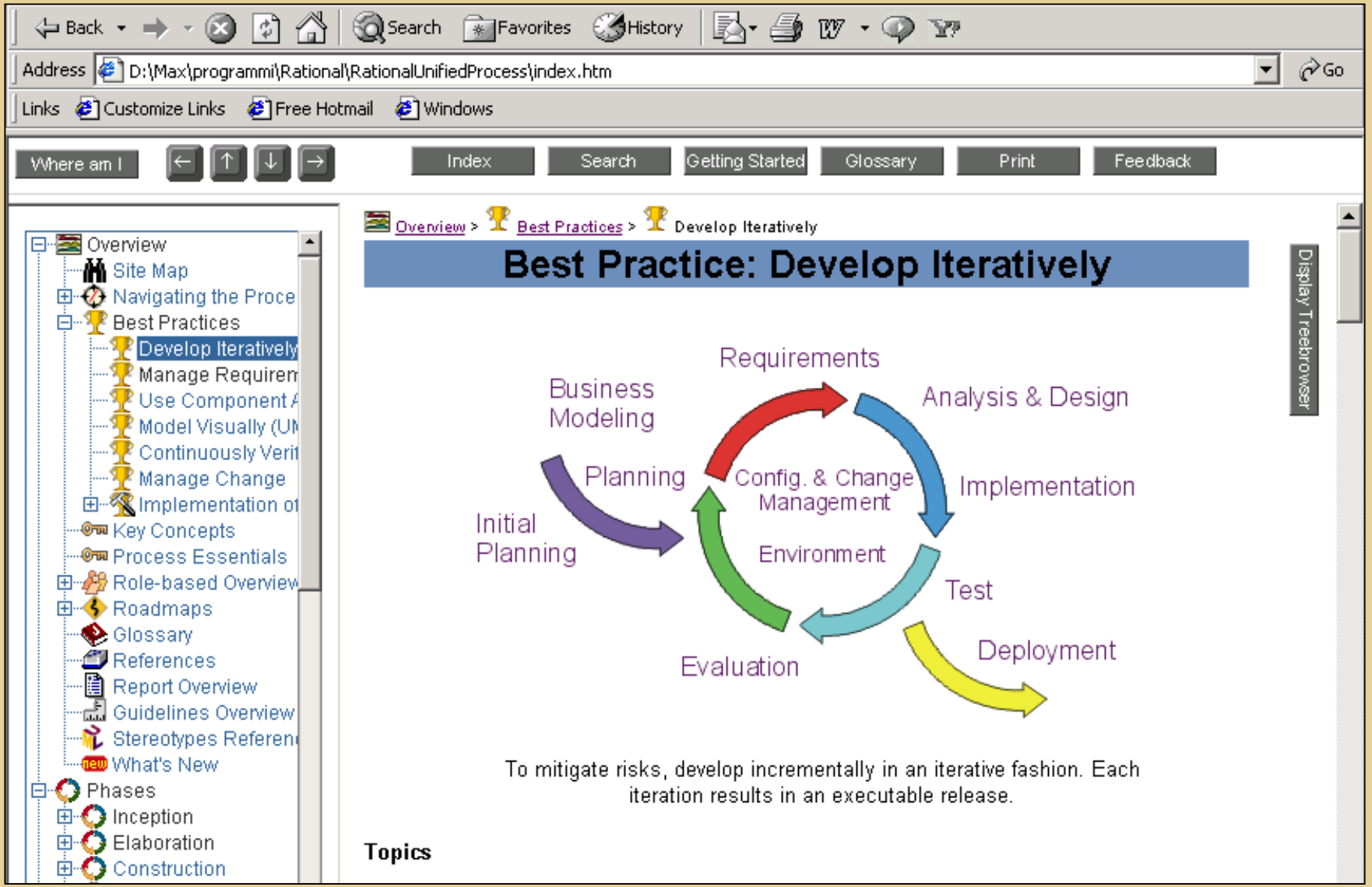
Working with Rational SoDA



Rational Unified Process



An iteratively approach



Business Modeling