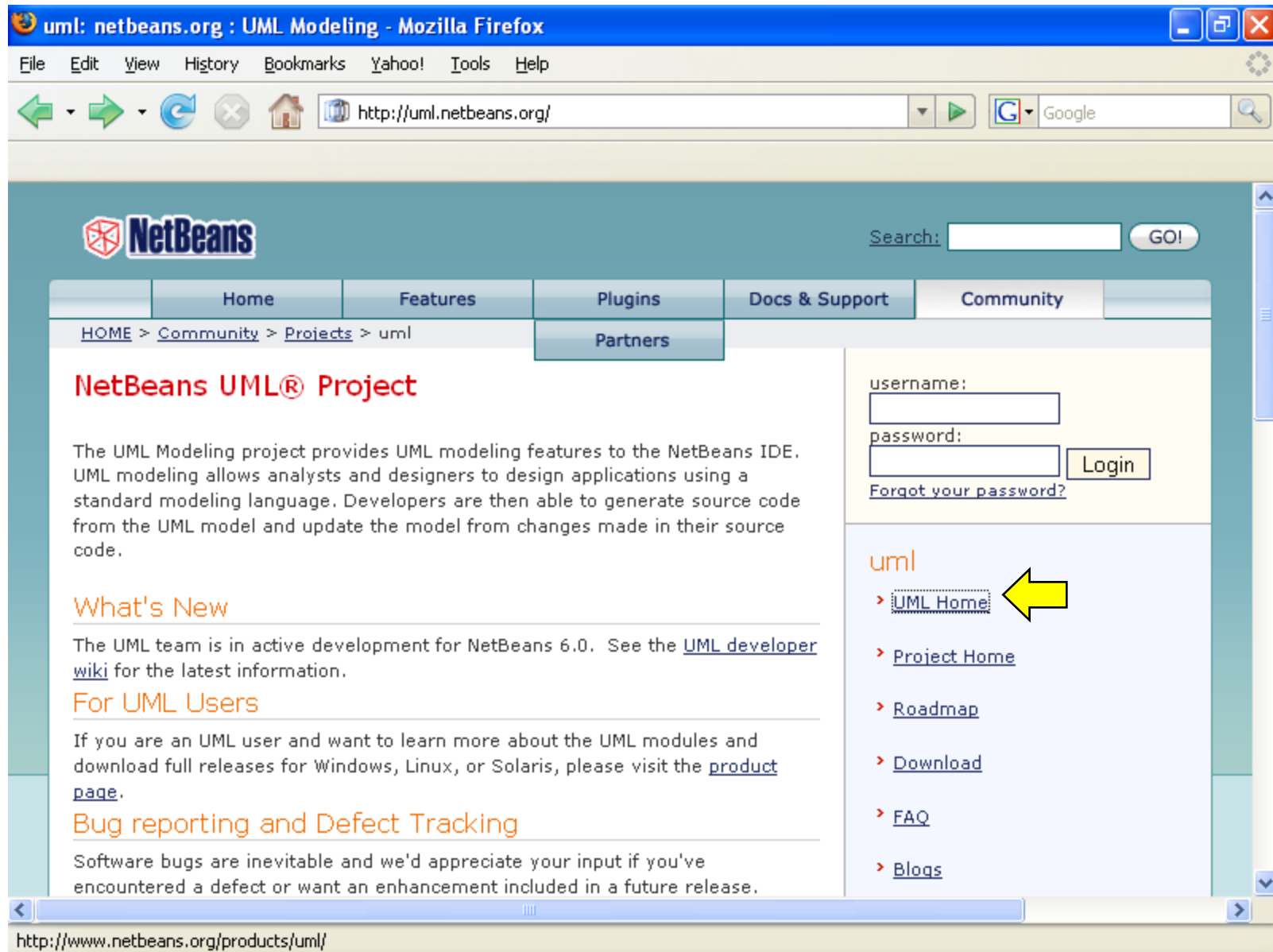
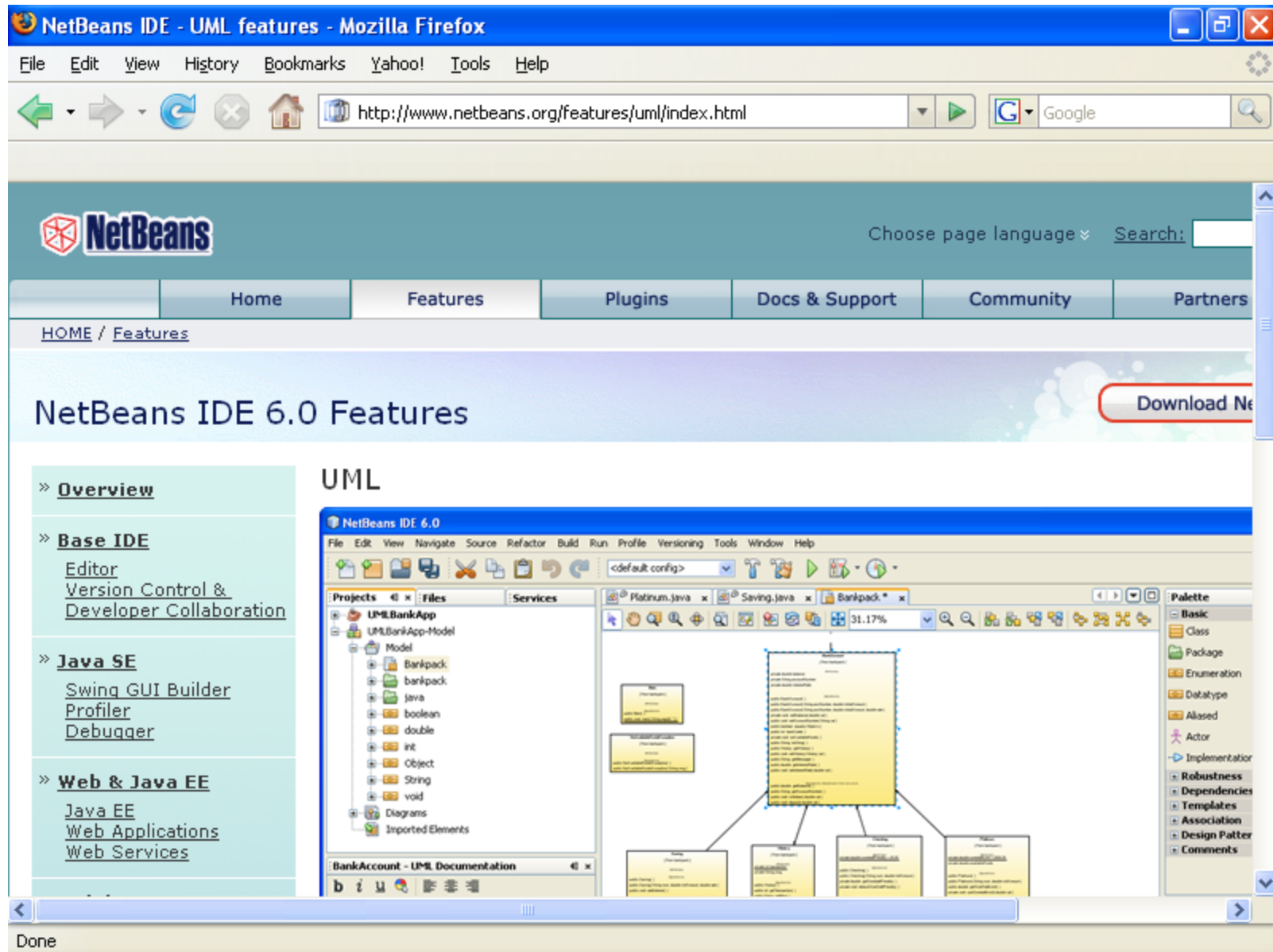


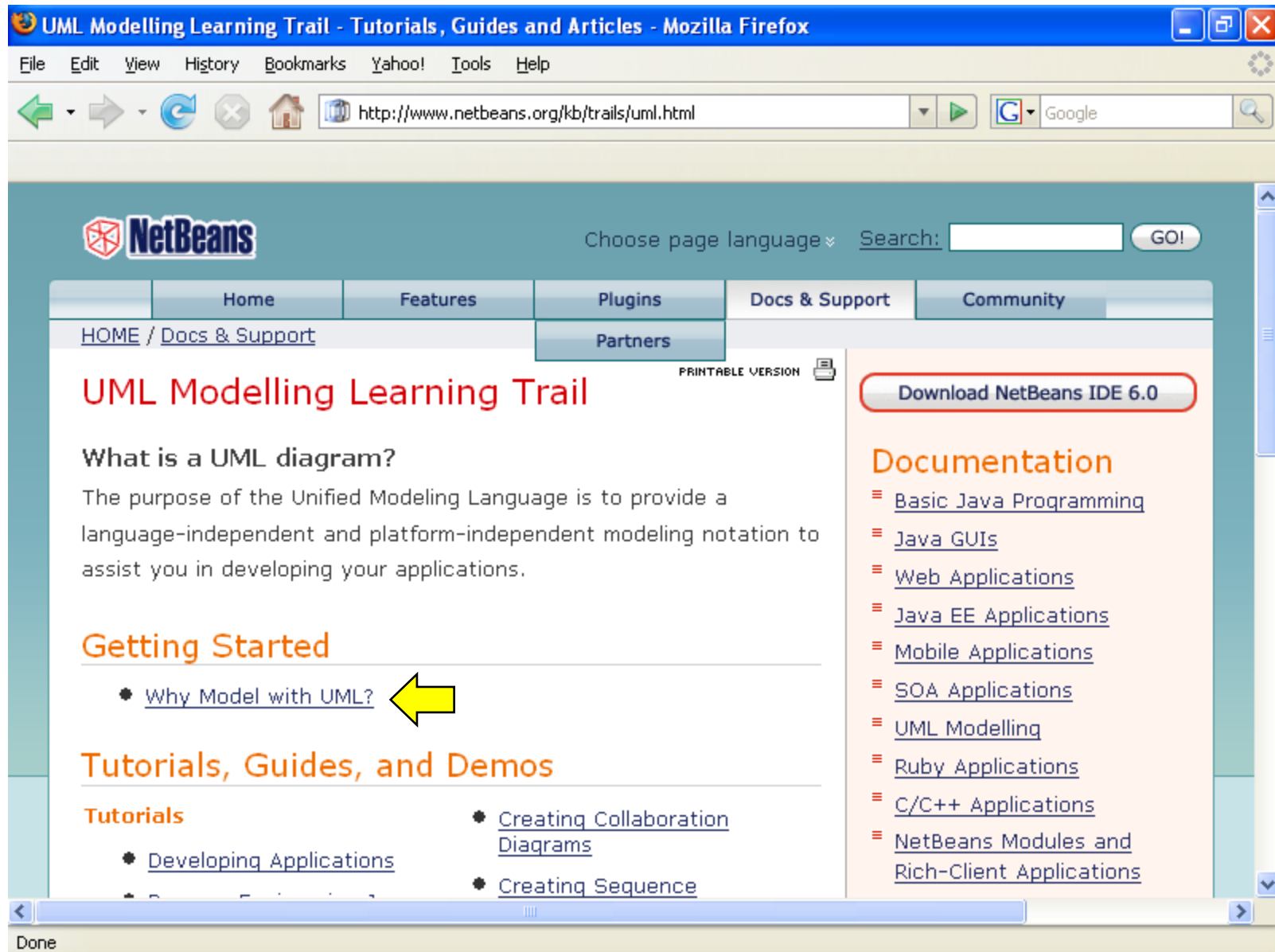
ECE 462 C++ and Java

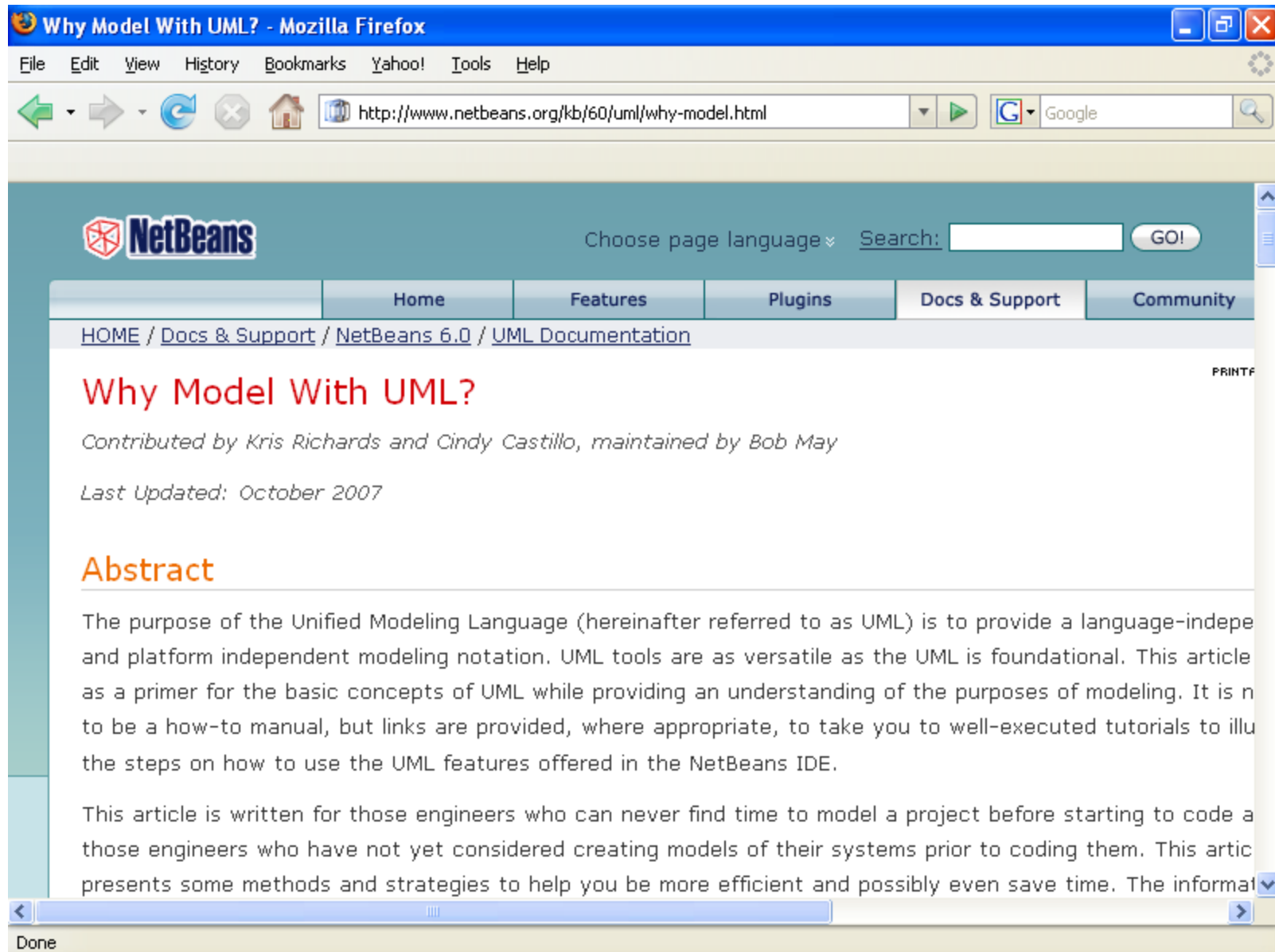
Lab Exercise 04 Unified Modeling Language using Netbeans

Yung-Hsiang Lu
yunглу@purdue.edu

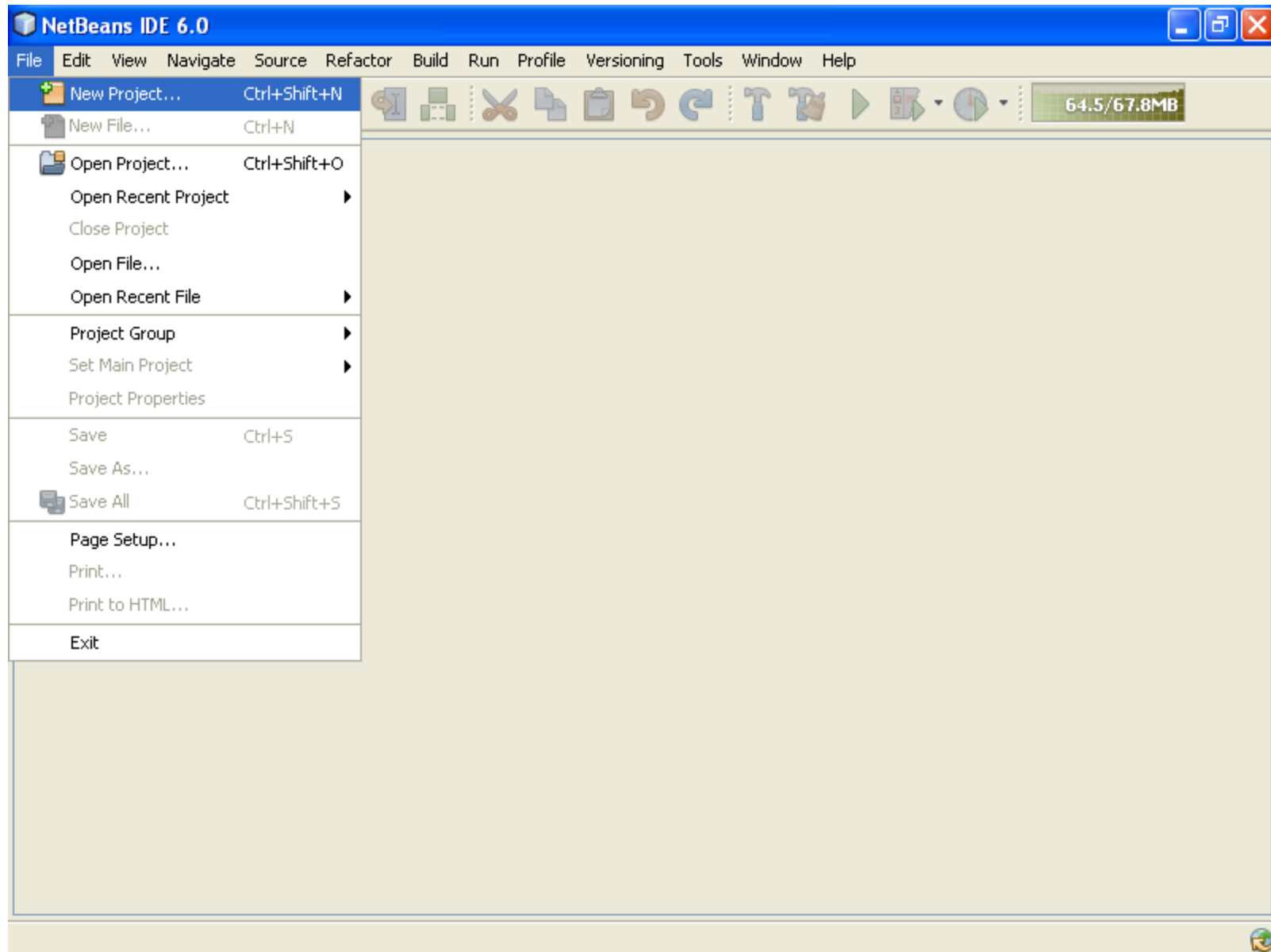


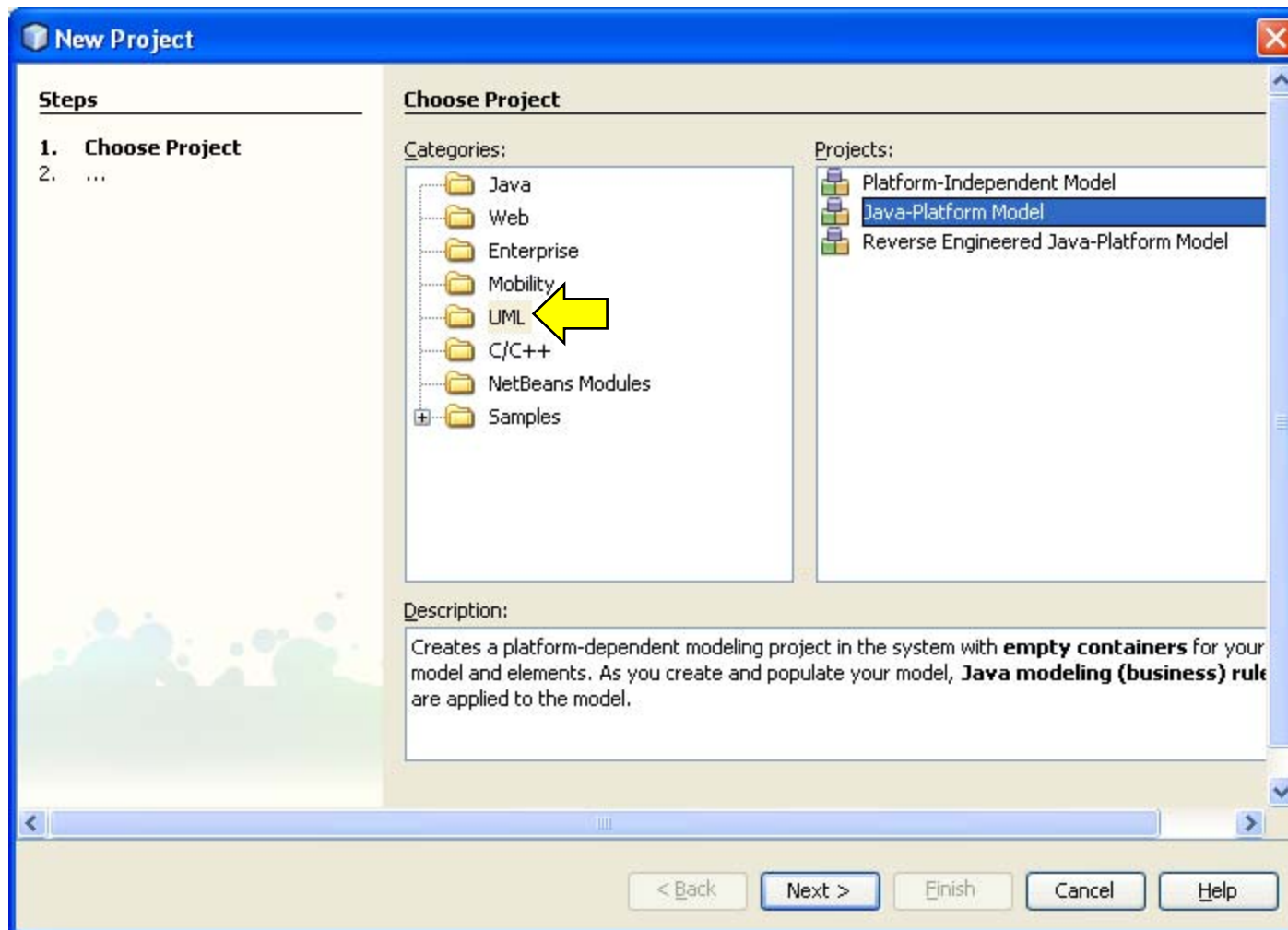


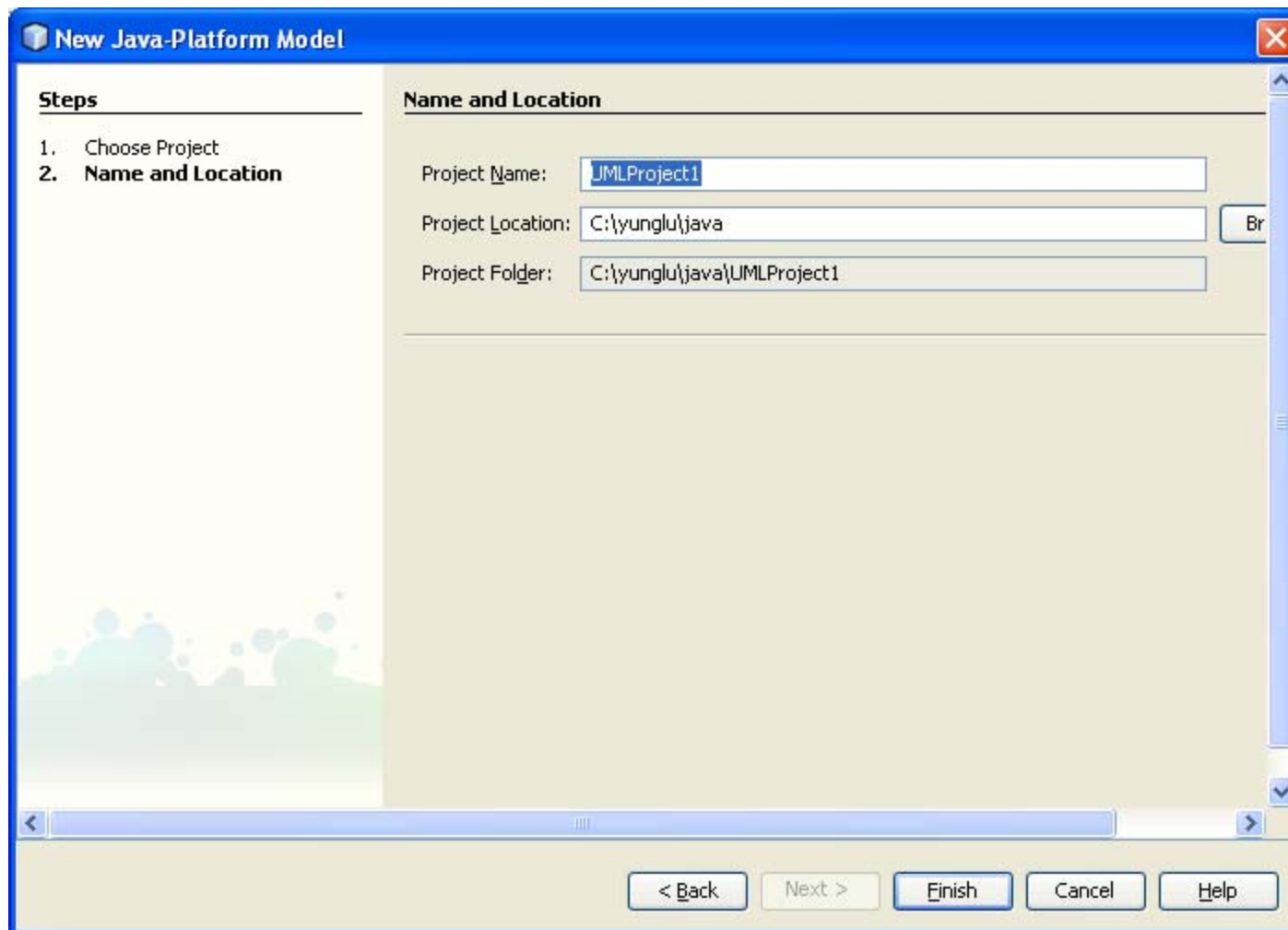




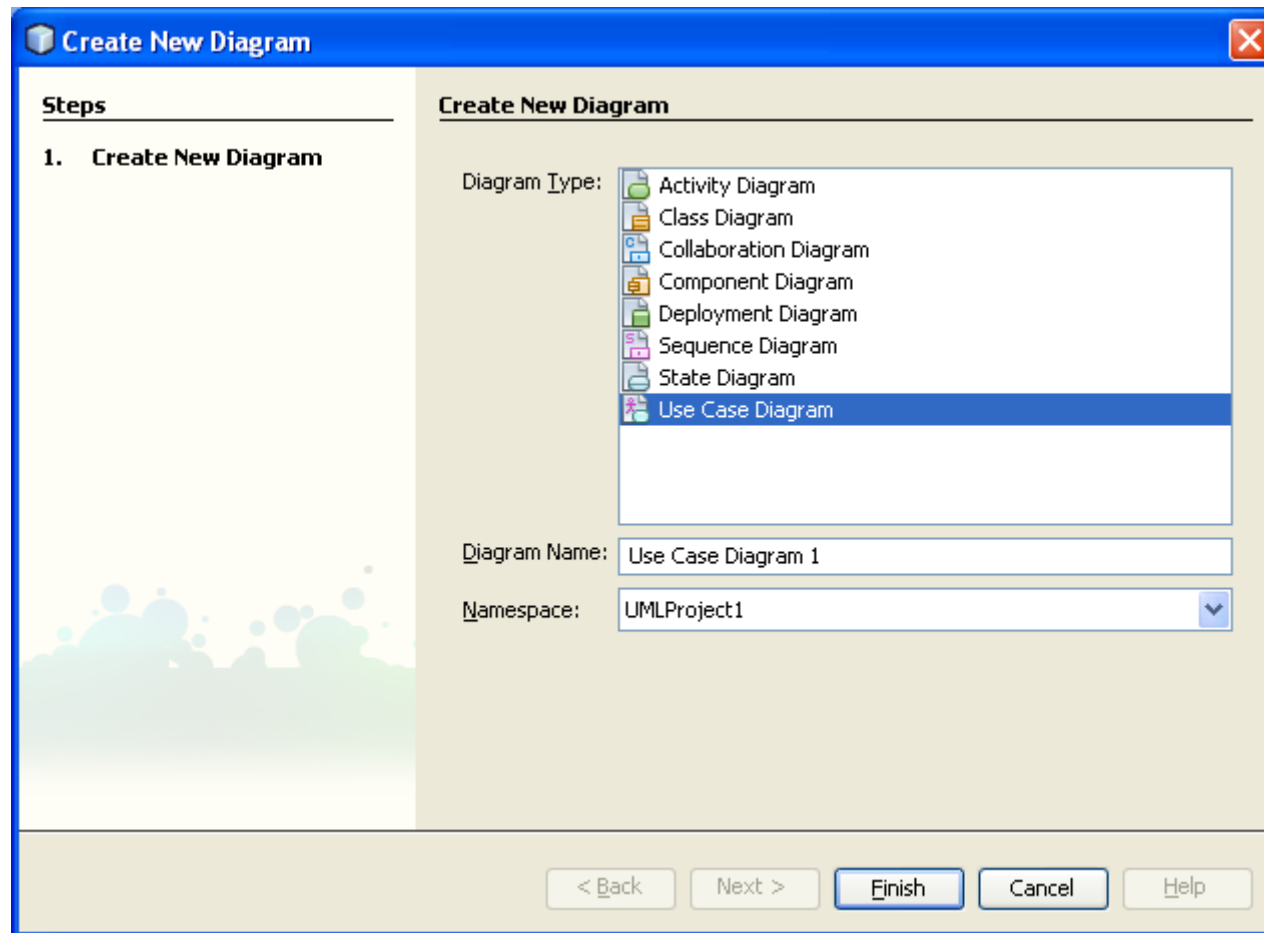
Create a UML Project in Netbeans

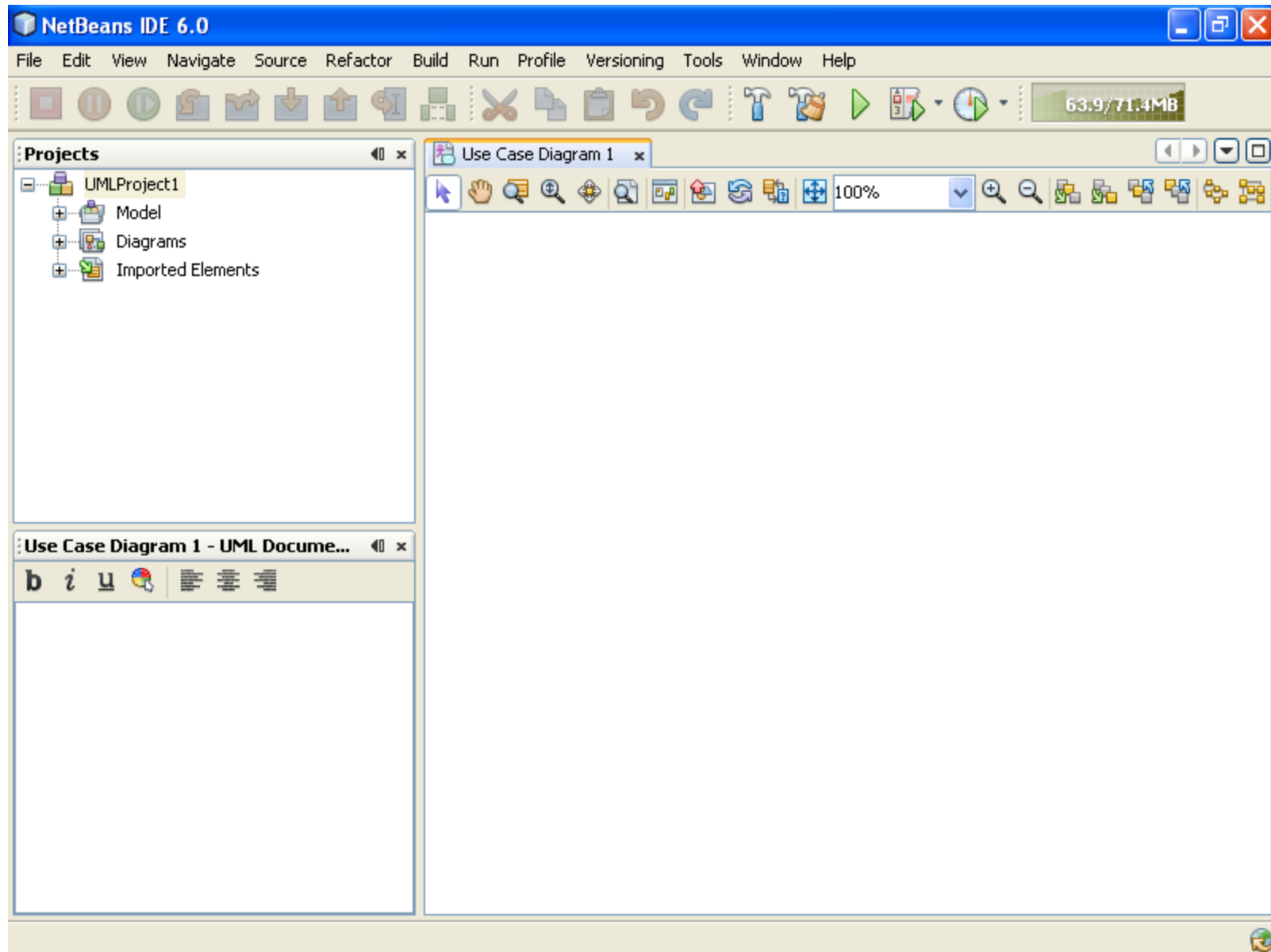


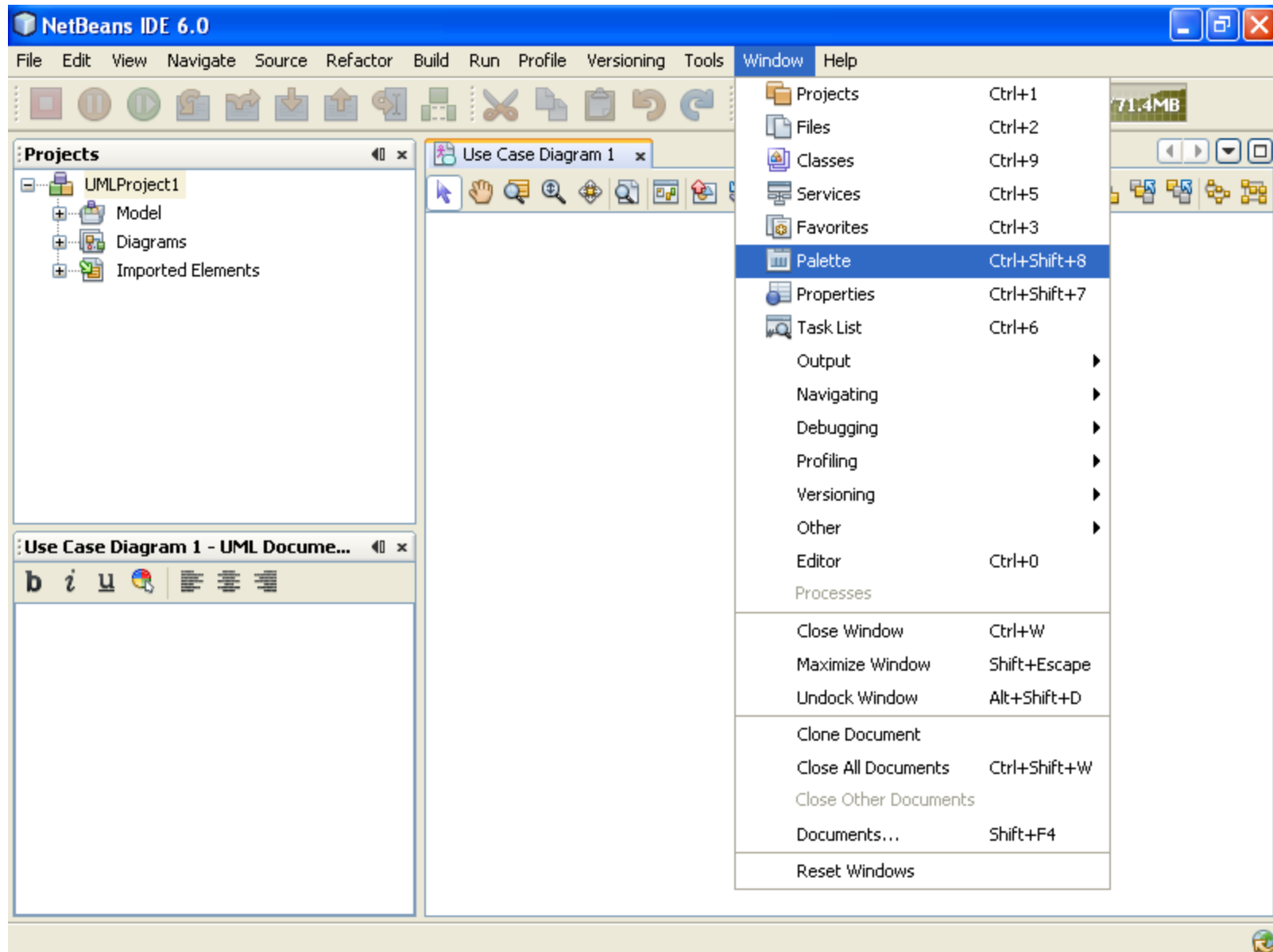


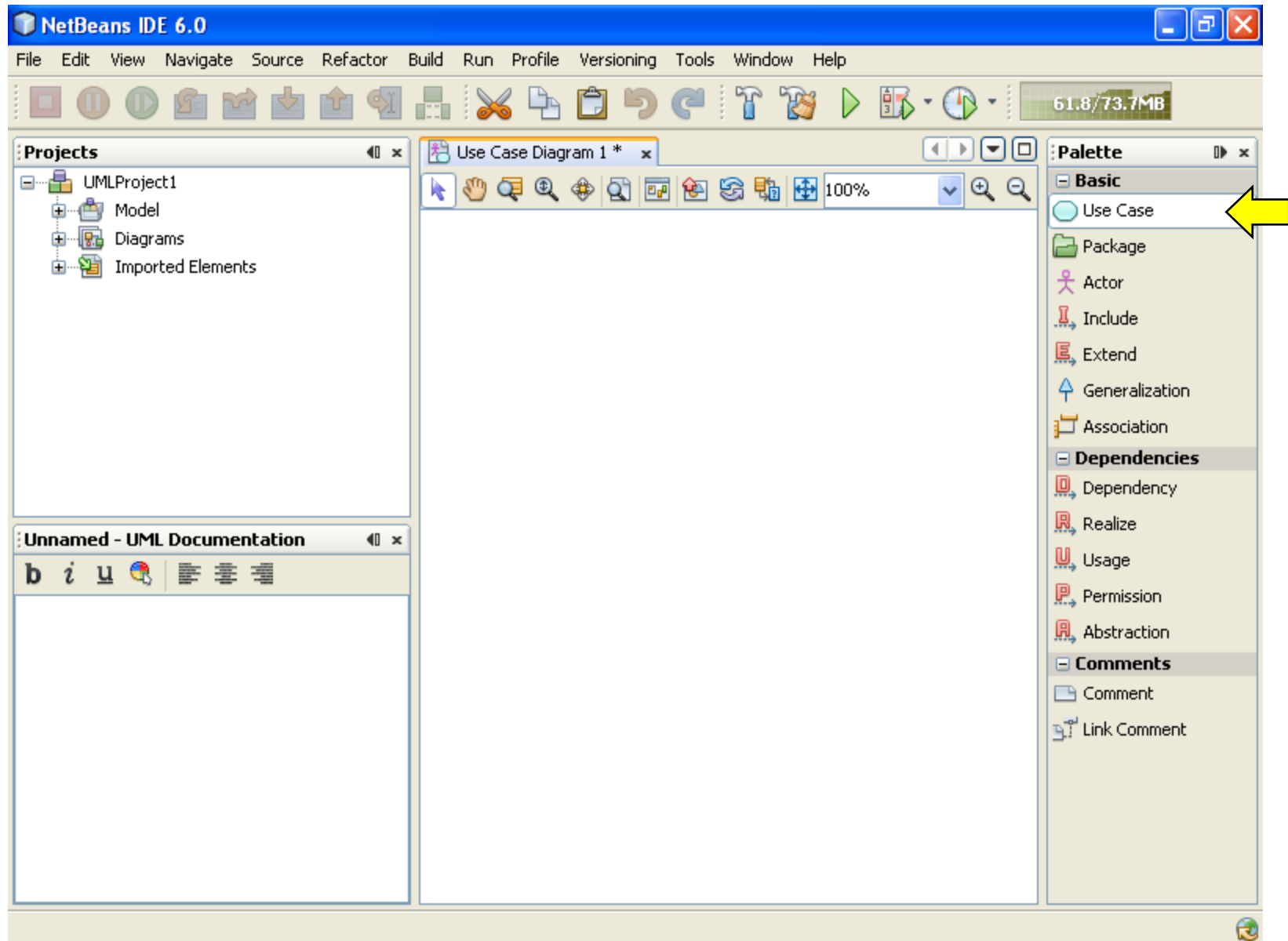


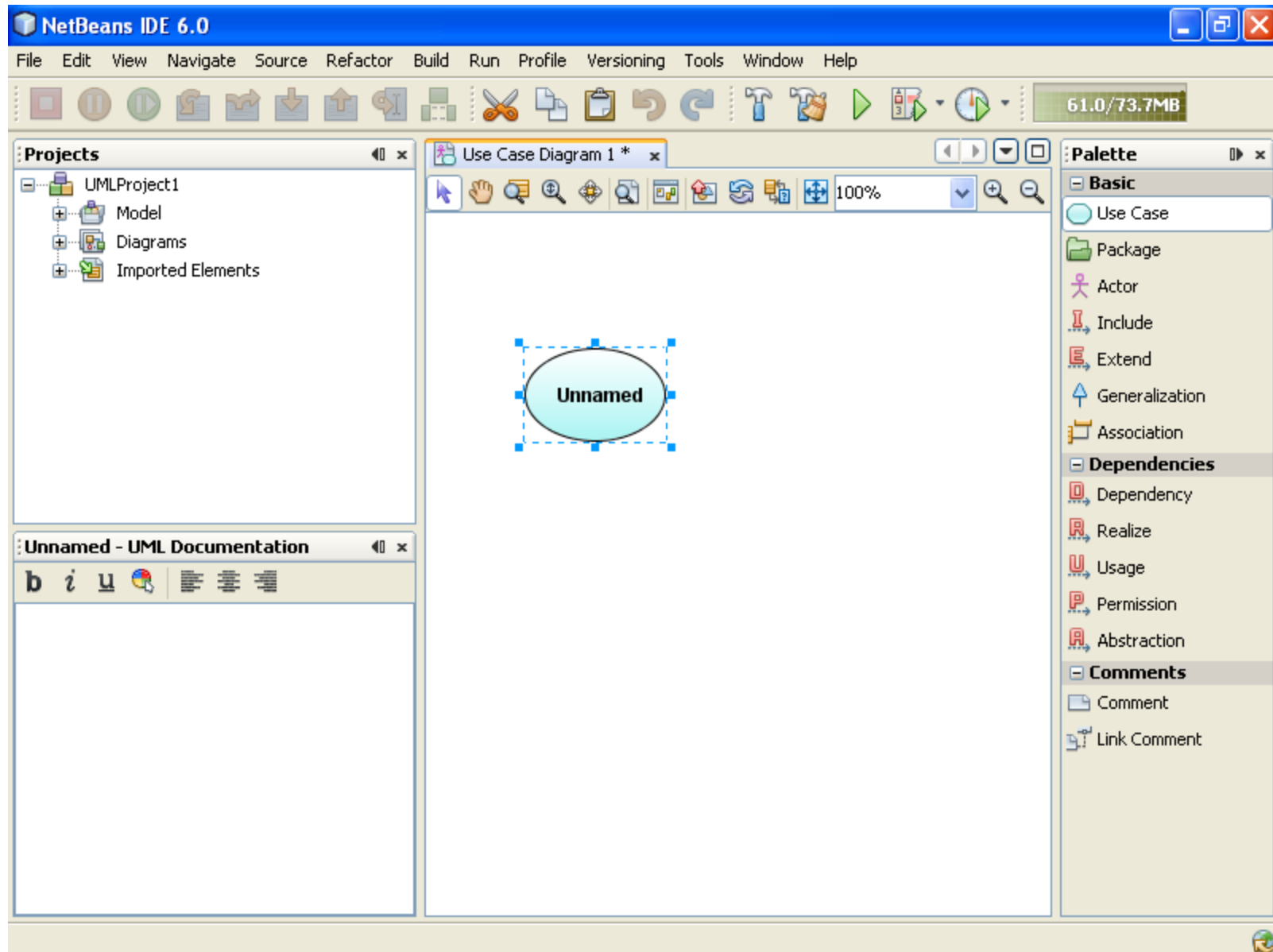
Use Case Diagram

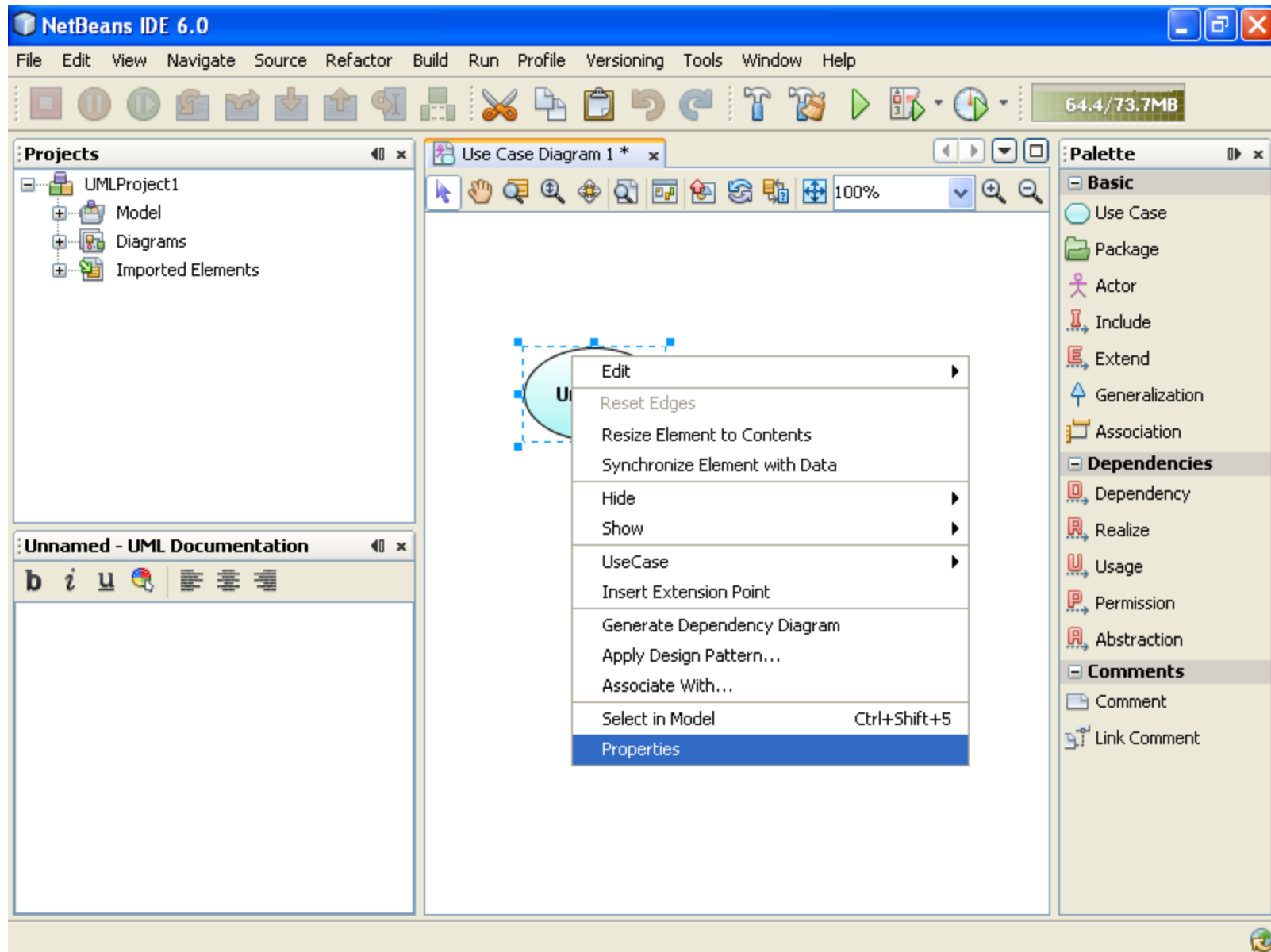












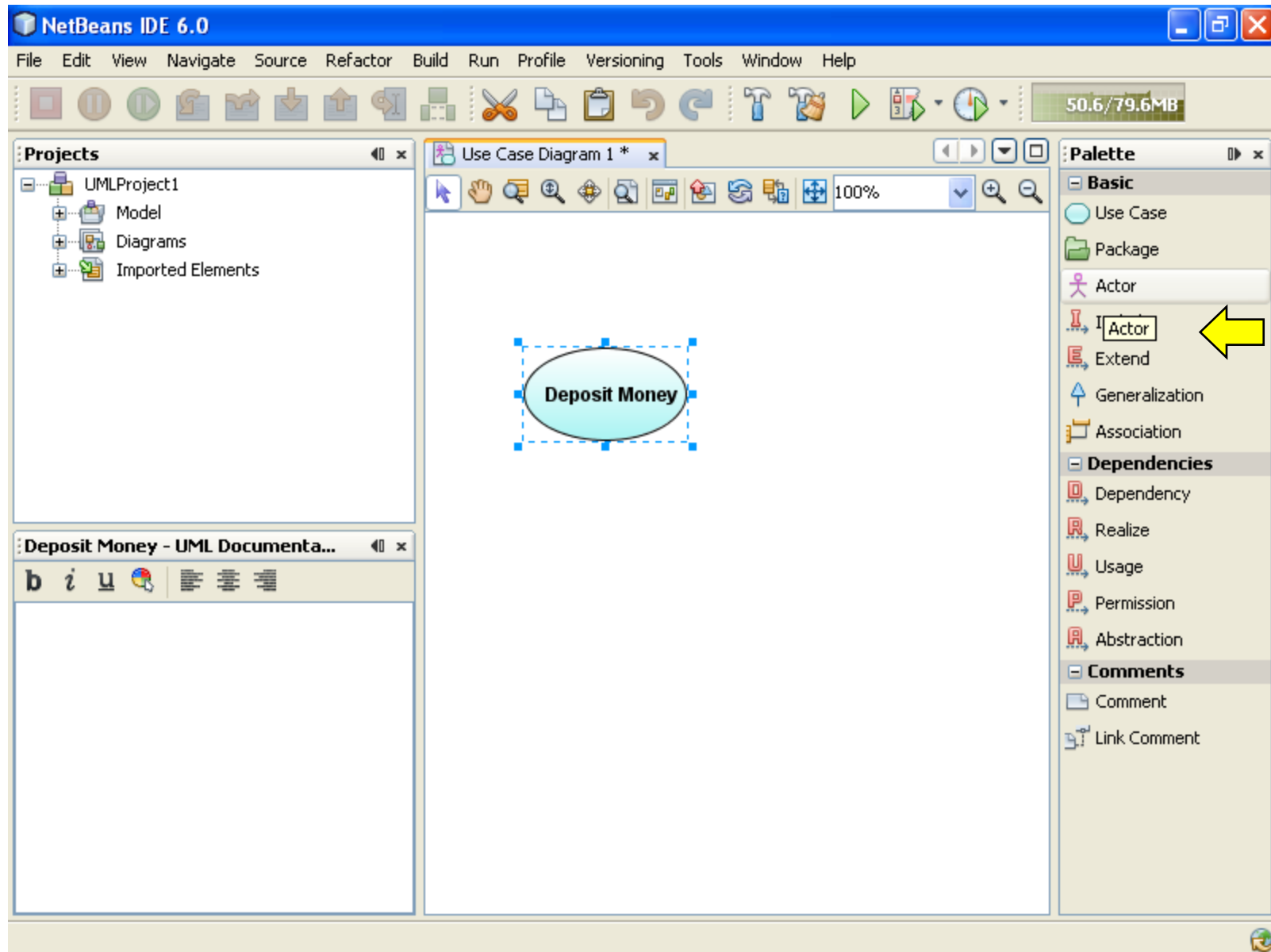
Unnamed - Properties [X]

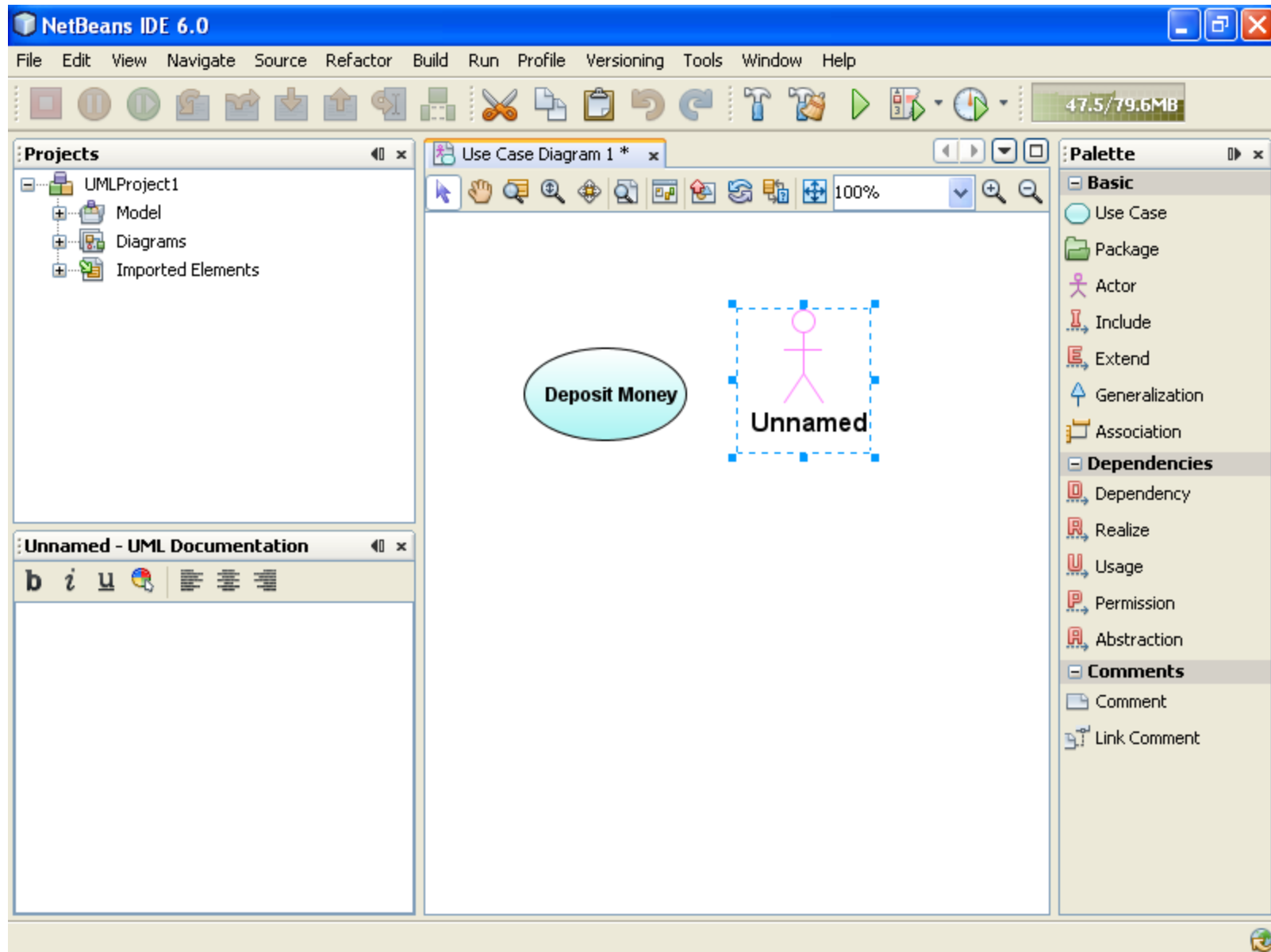
[-] Use Case

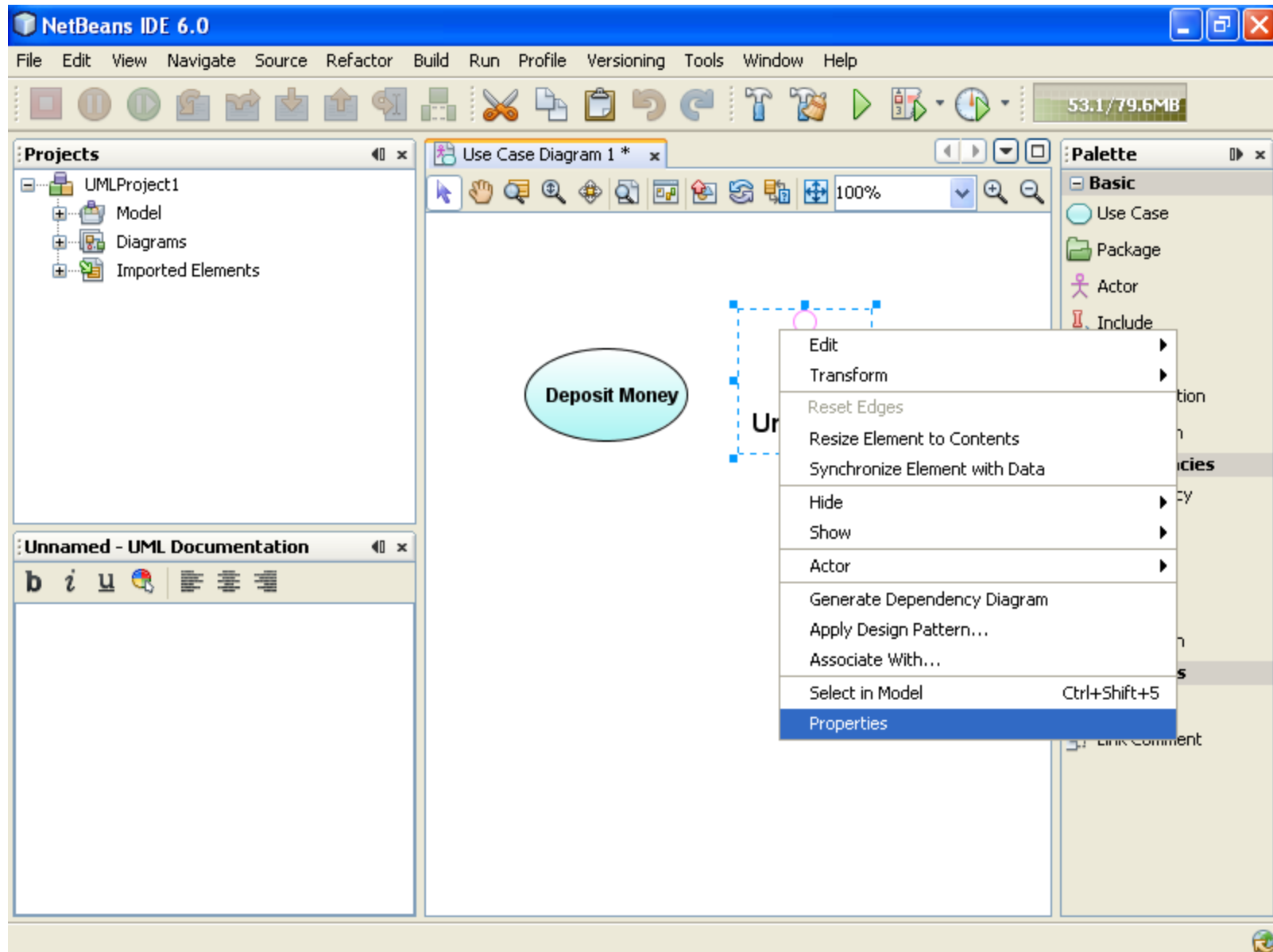
Name	Deposit Money	
Alias	Unnamed	
Visibility	public	▼
Stereotypes		...
Tagged Values		...
Documentation		...
Constraints		...
Template Parameters		...
Transient	☒	
Abstract	☐	
Leaf	☐	
Extension Points		...

Name ?

Close







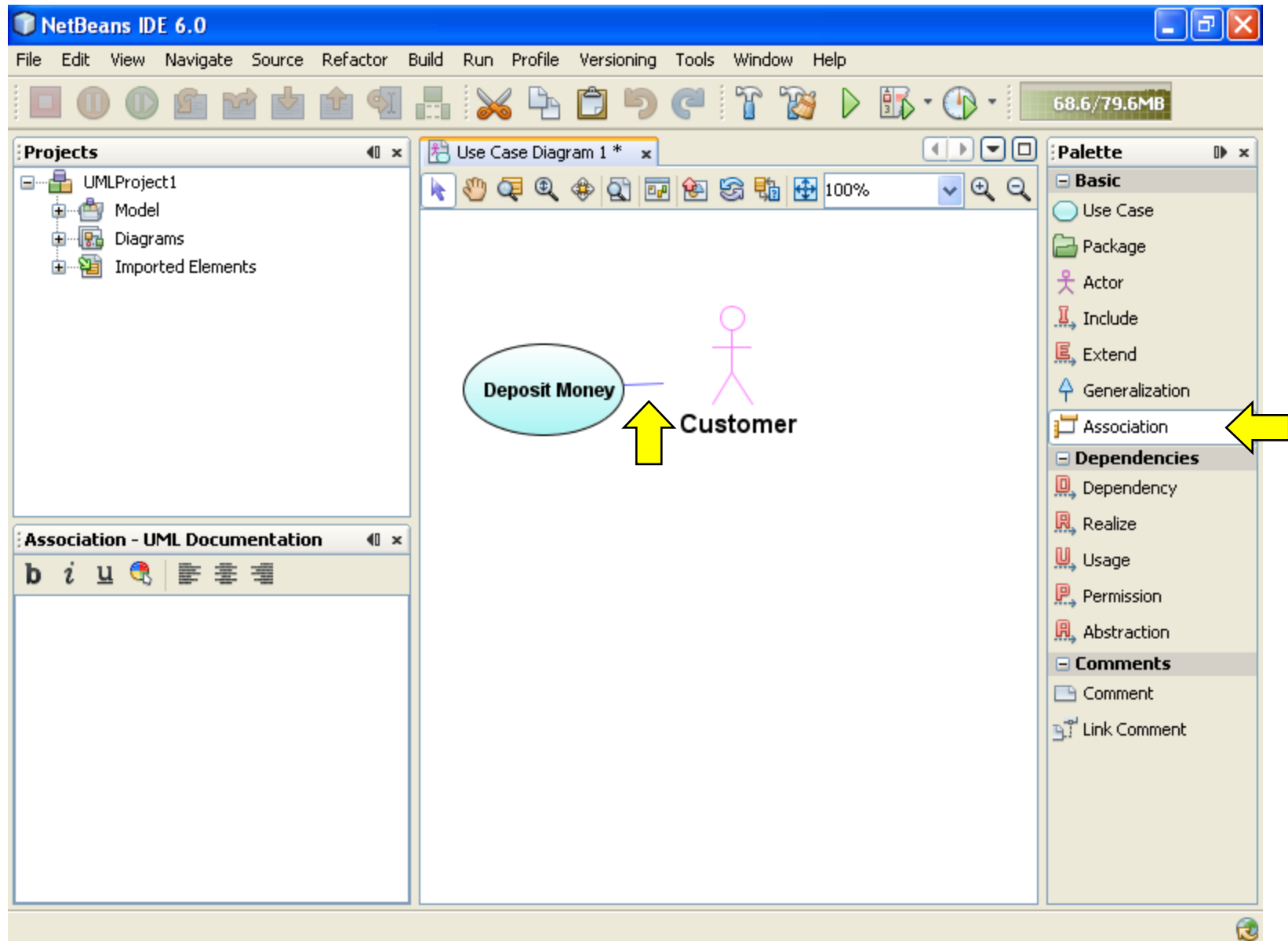
Unnamed - Properties [X]

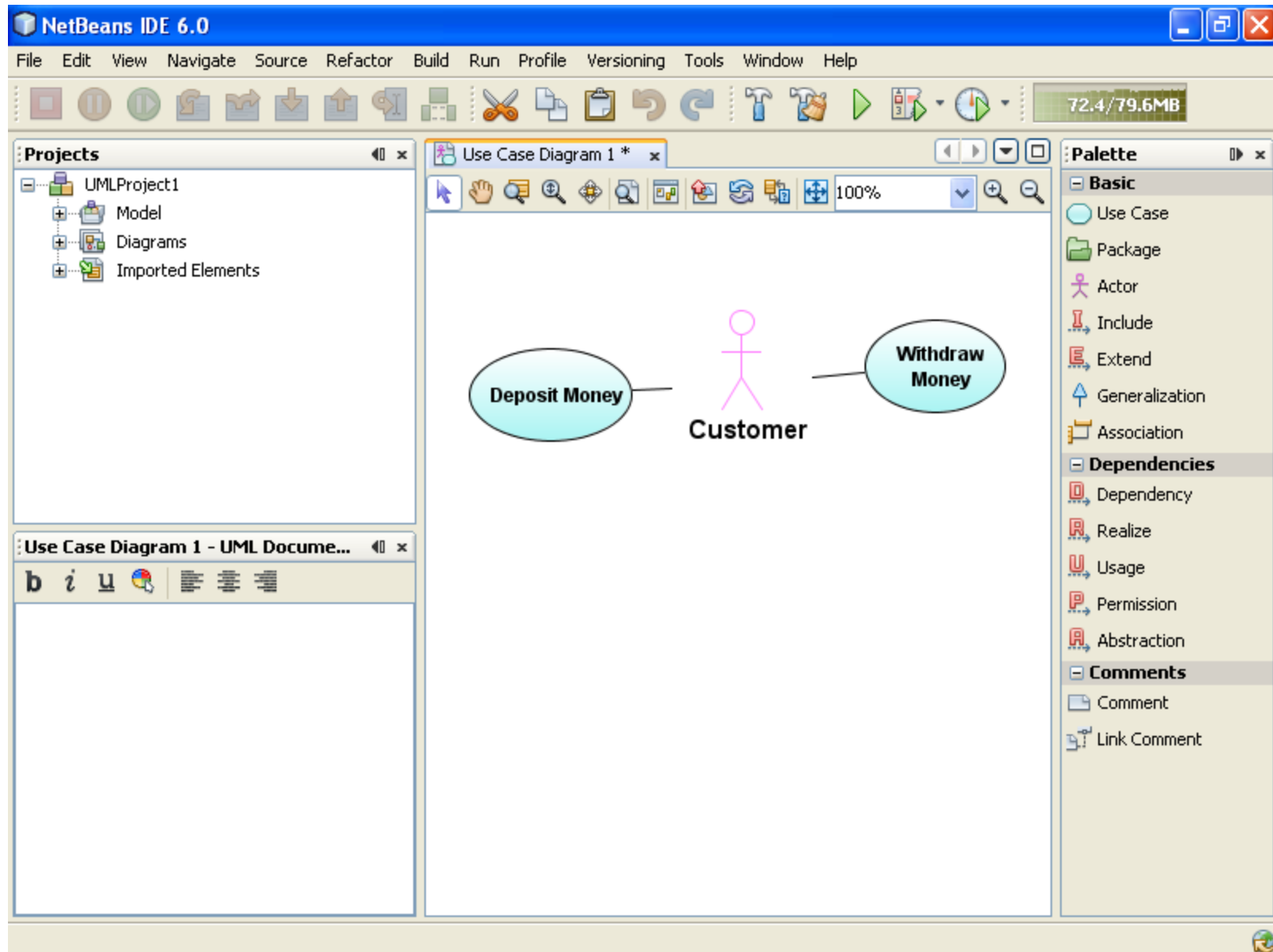
Actor

Name	Customer	
Alias	Unnamed	
Visibility	public	▼
Stereotypes		...
Tagged Values		...
Documentation		...
Constraints		...
Template Parameters		...
Transient	☒	
Abstract	☐	
Leaf	☐	

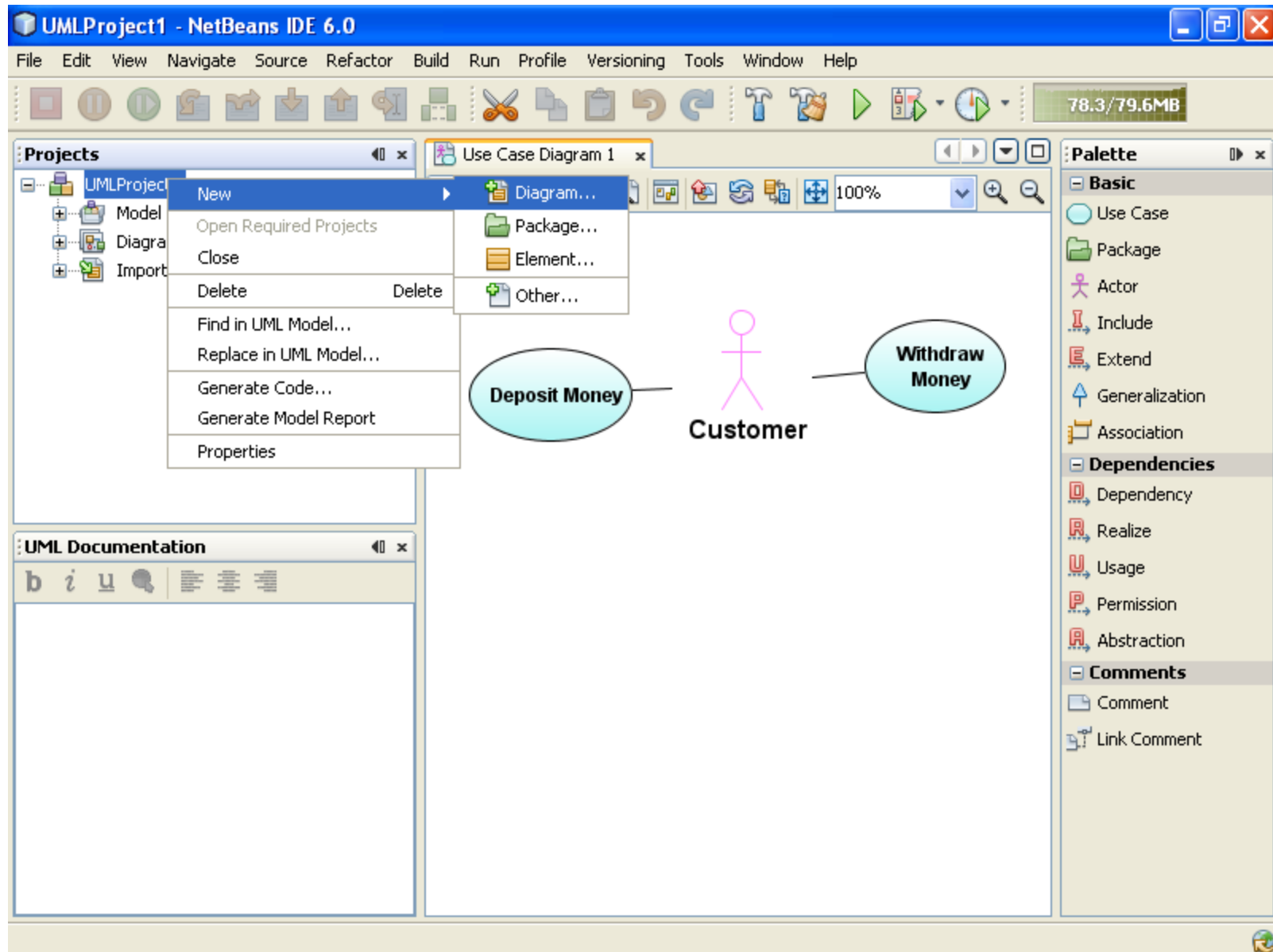
Name ?

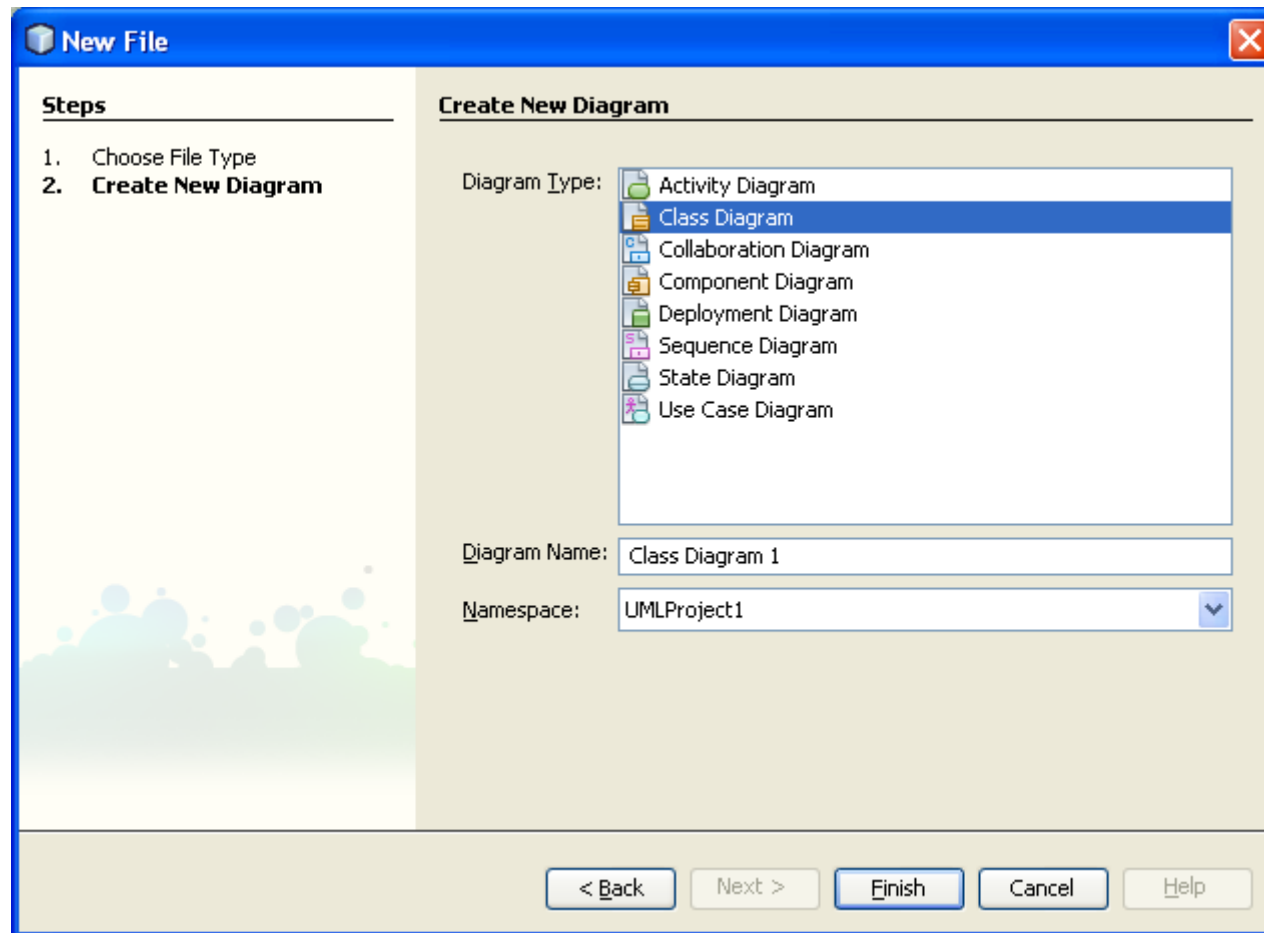
Close

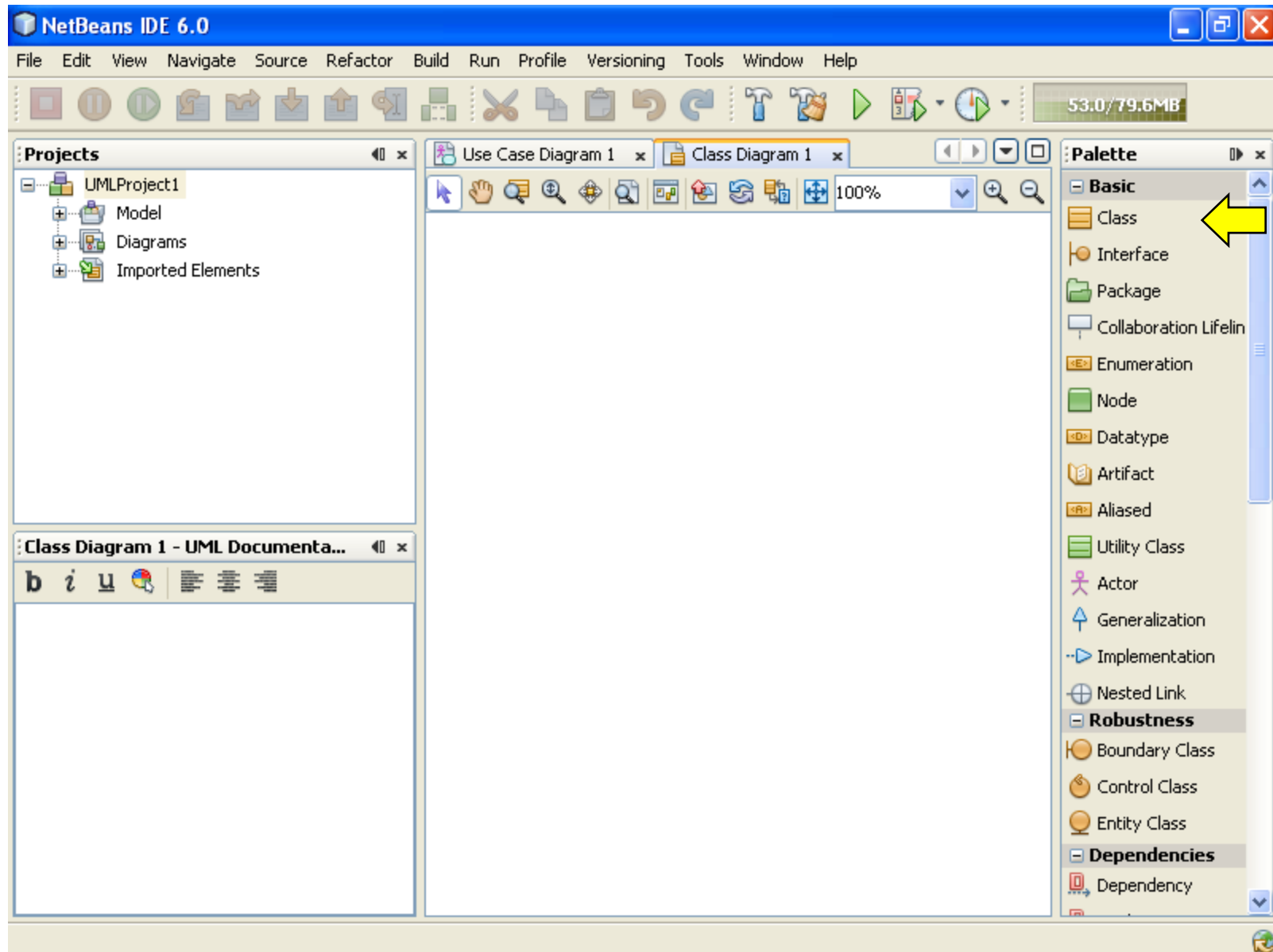


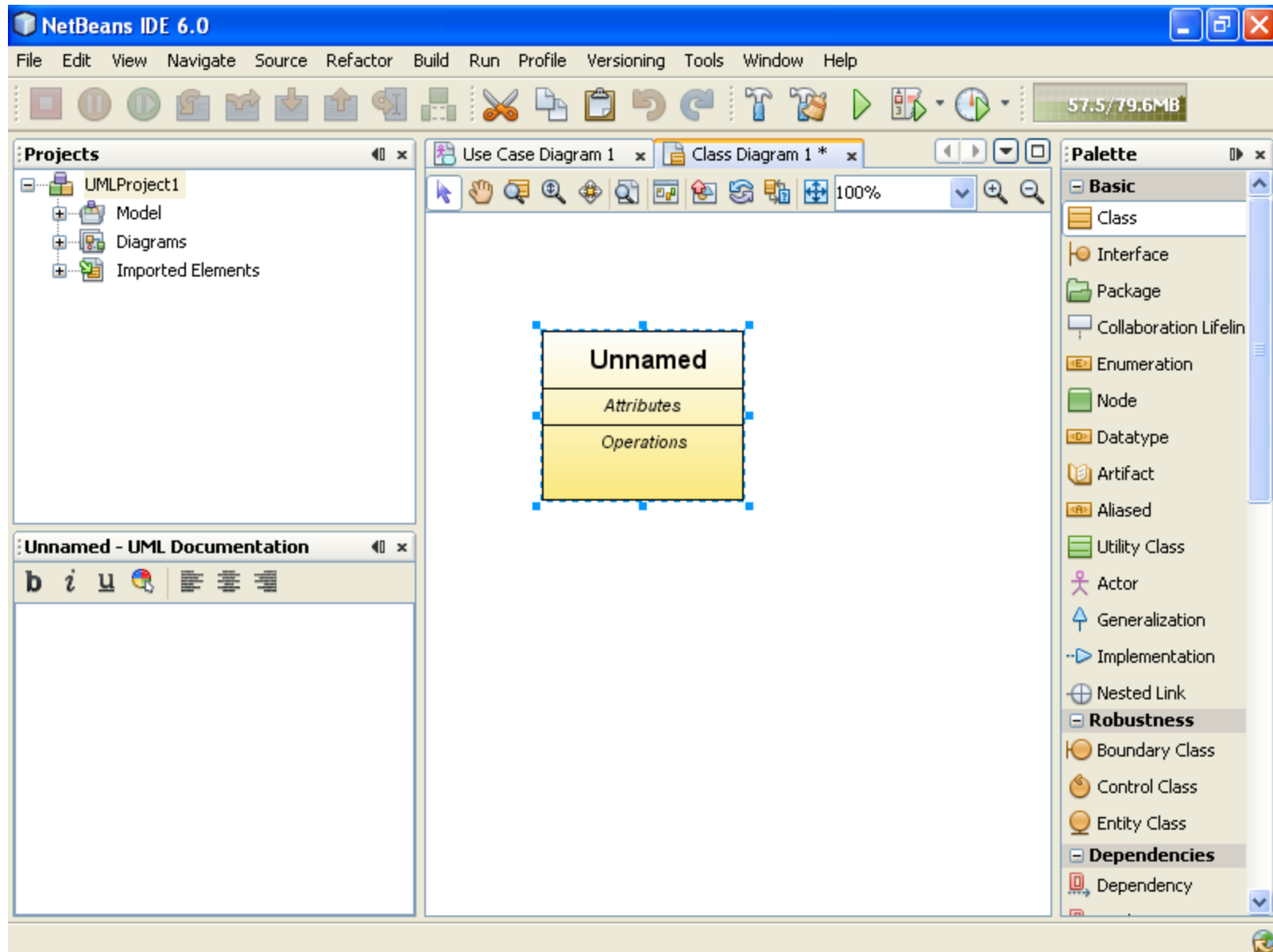


Class Diagram









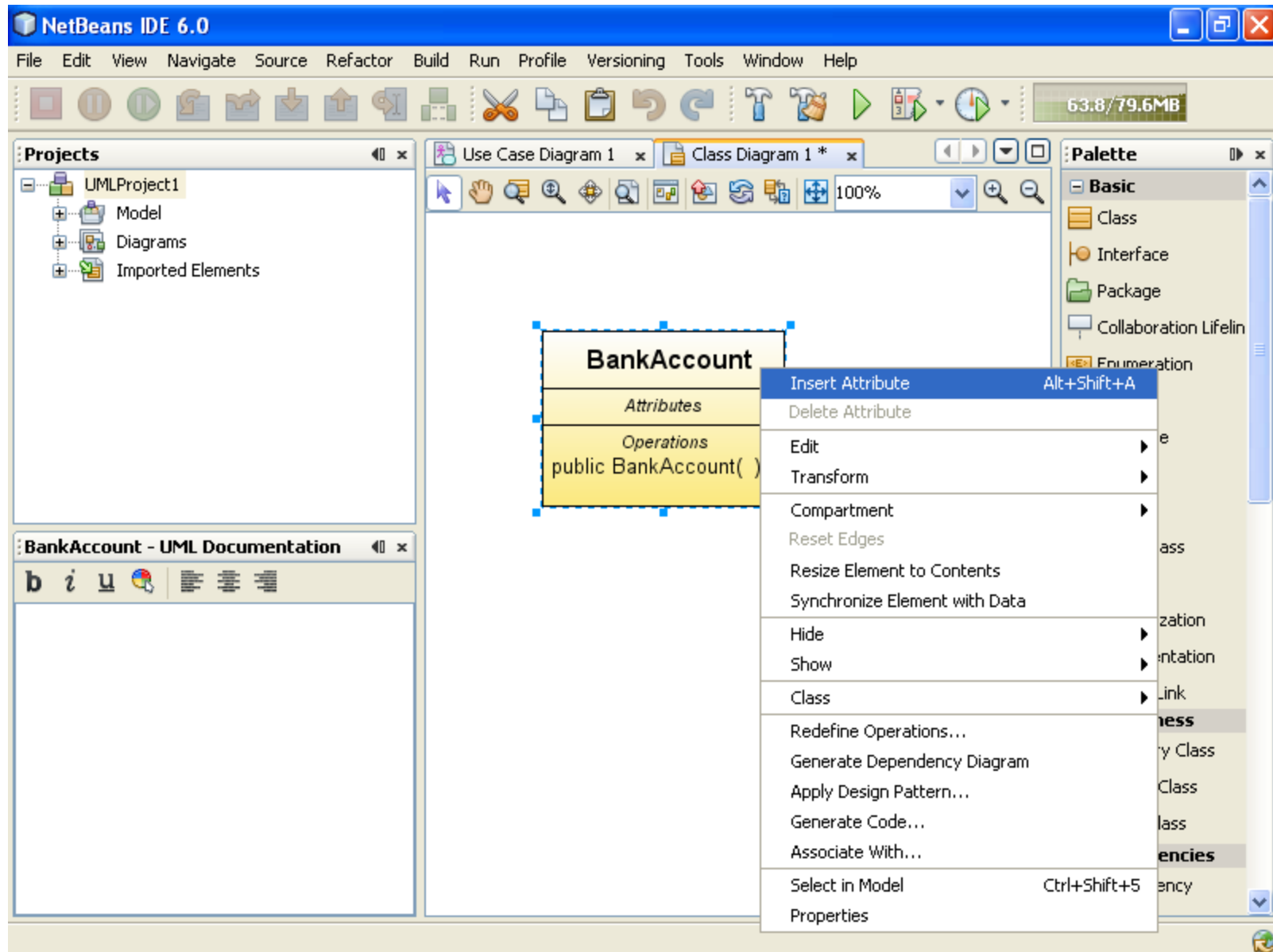
Unnamed - Properties [X]

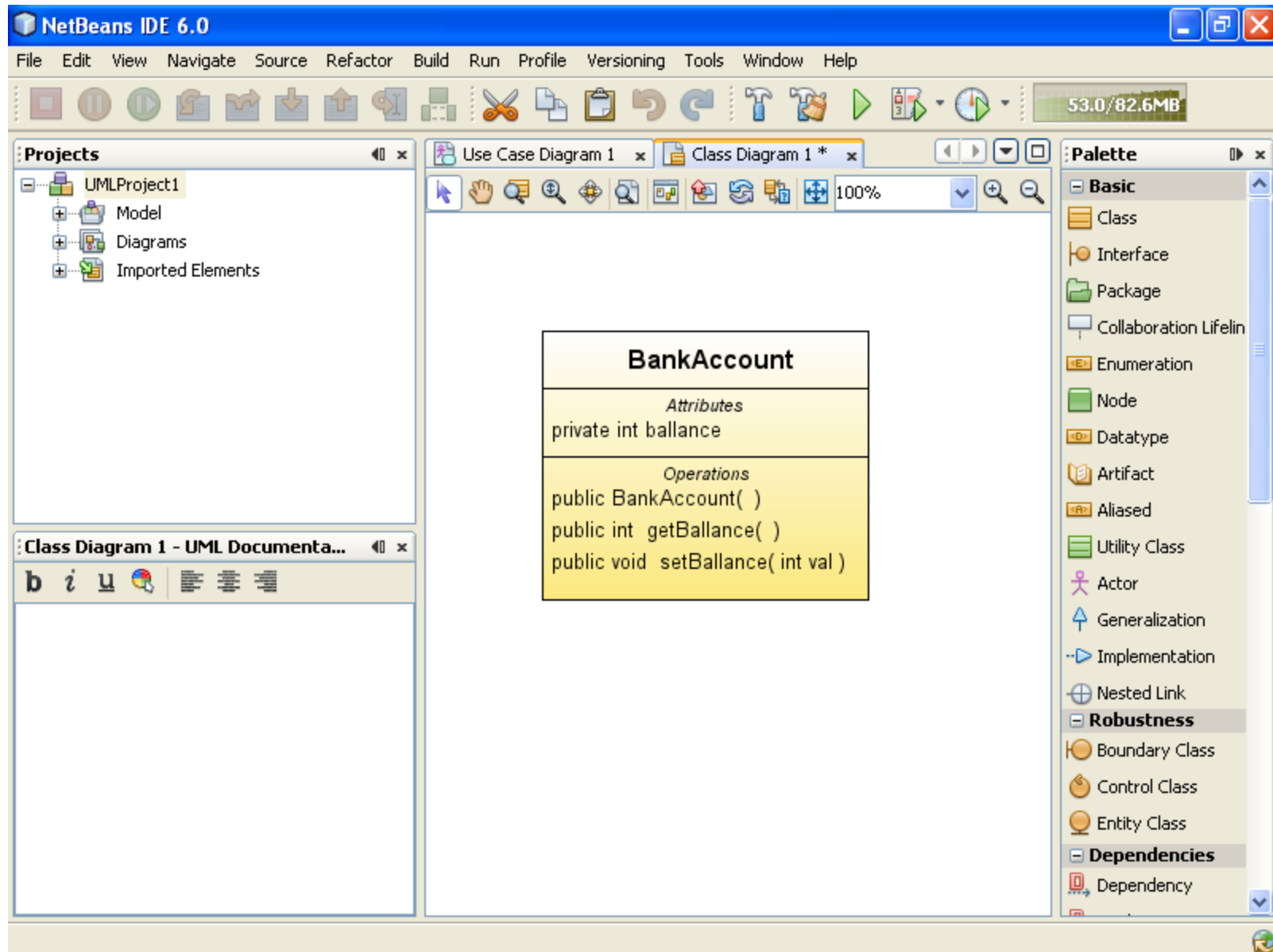
Class

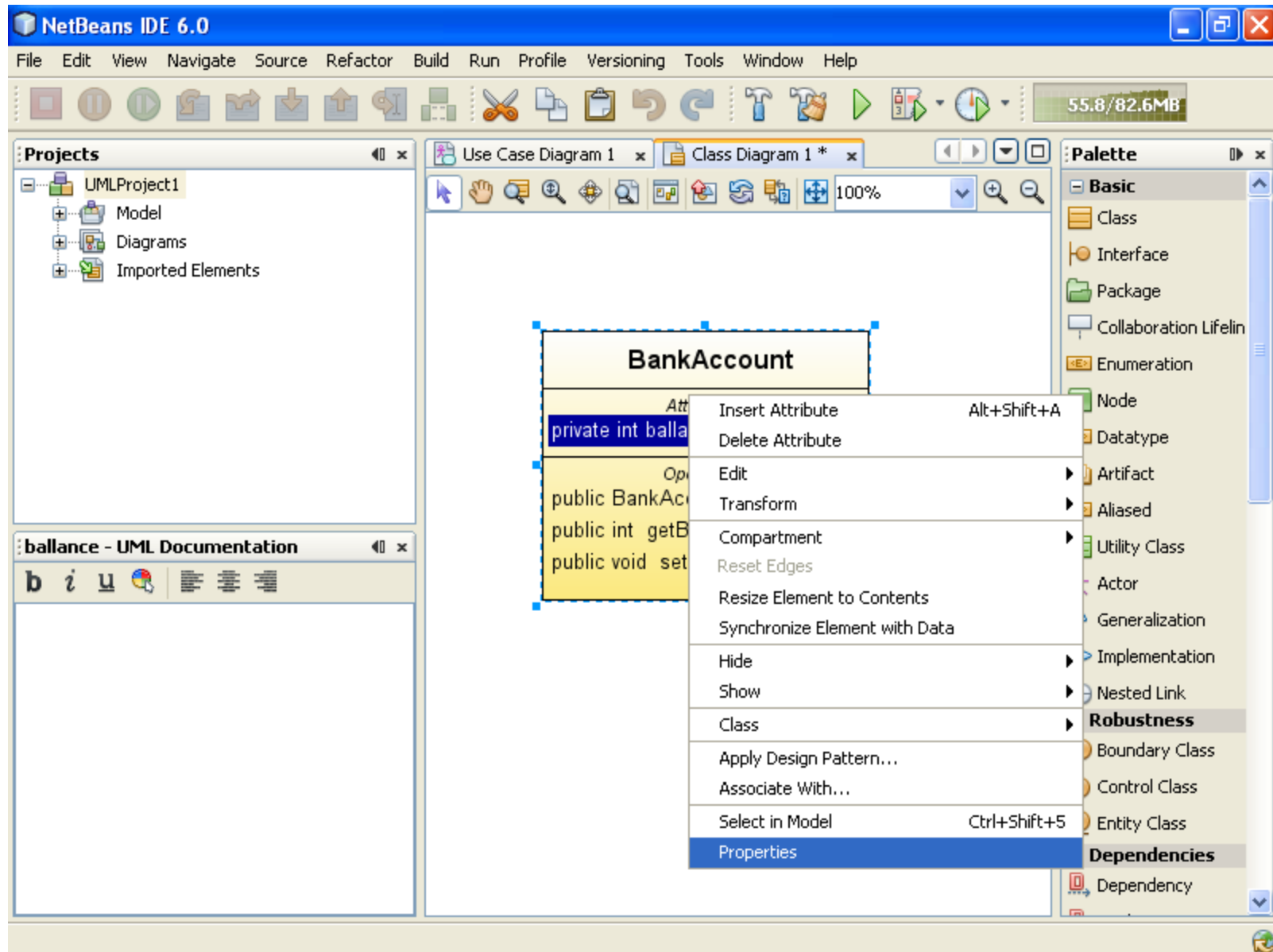
Name	BankAccount
Alias	Unnamed
Visibility	public Unnamed
Stereotypes	...
Tagged Values	...
Documentation	...
Constraints	...
Template Parameters	...
Transient	☒
Abstract	☐
Leaf	☐
Active	☐

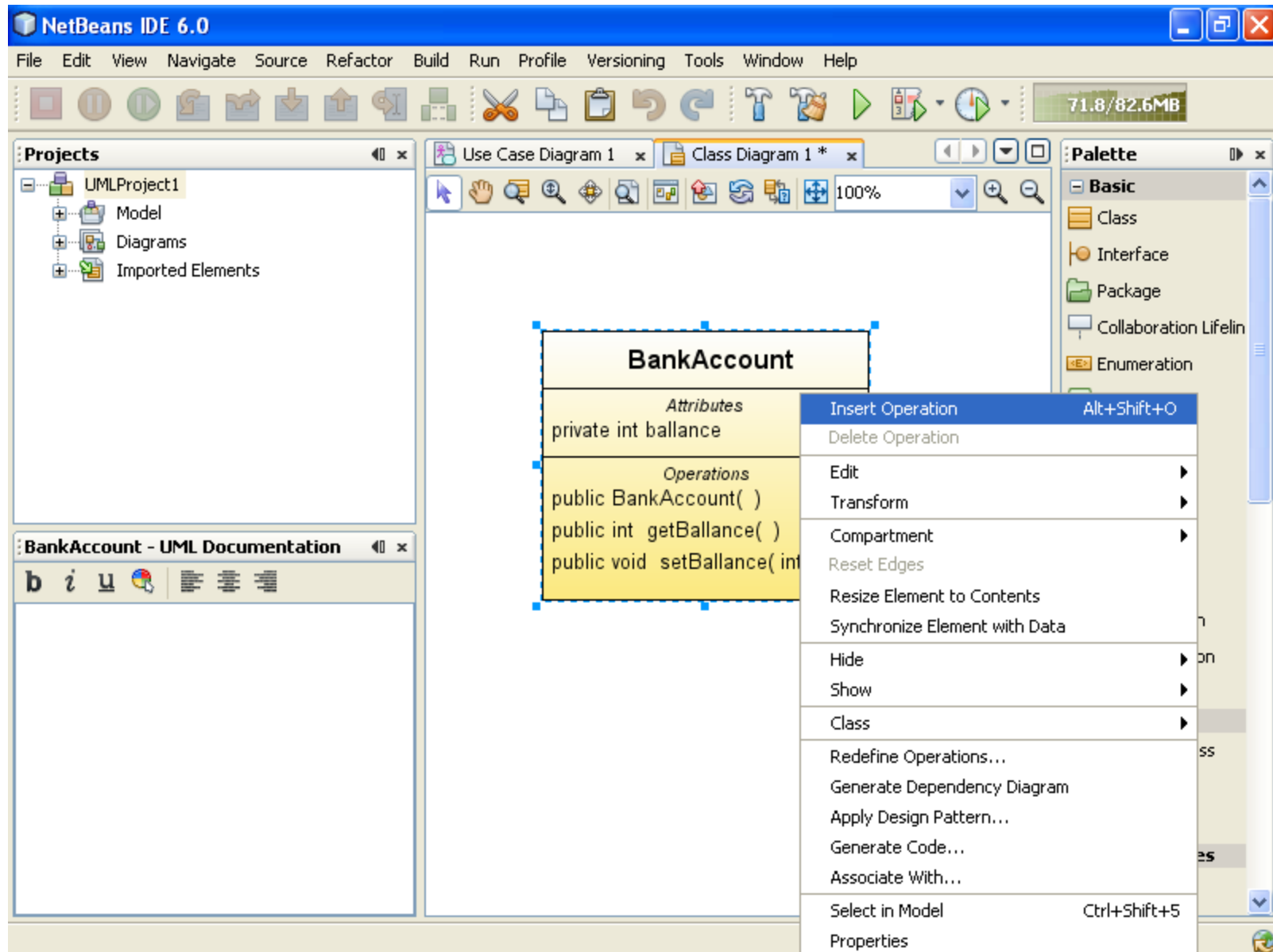
Name ?

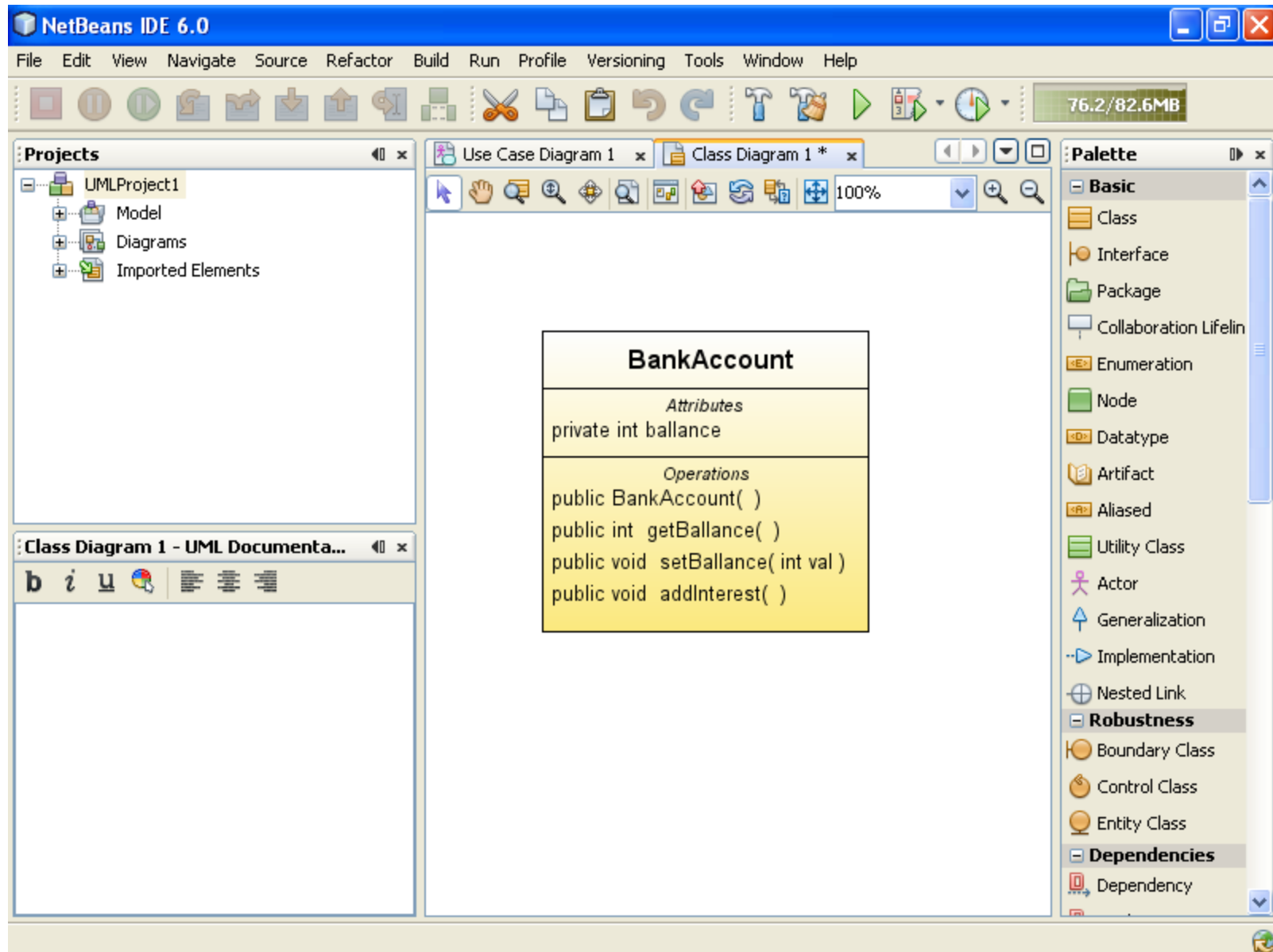
Close



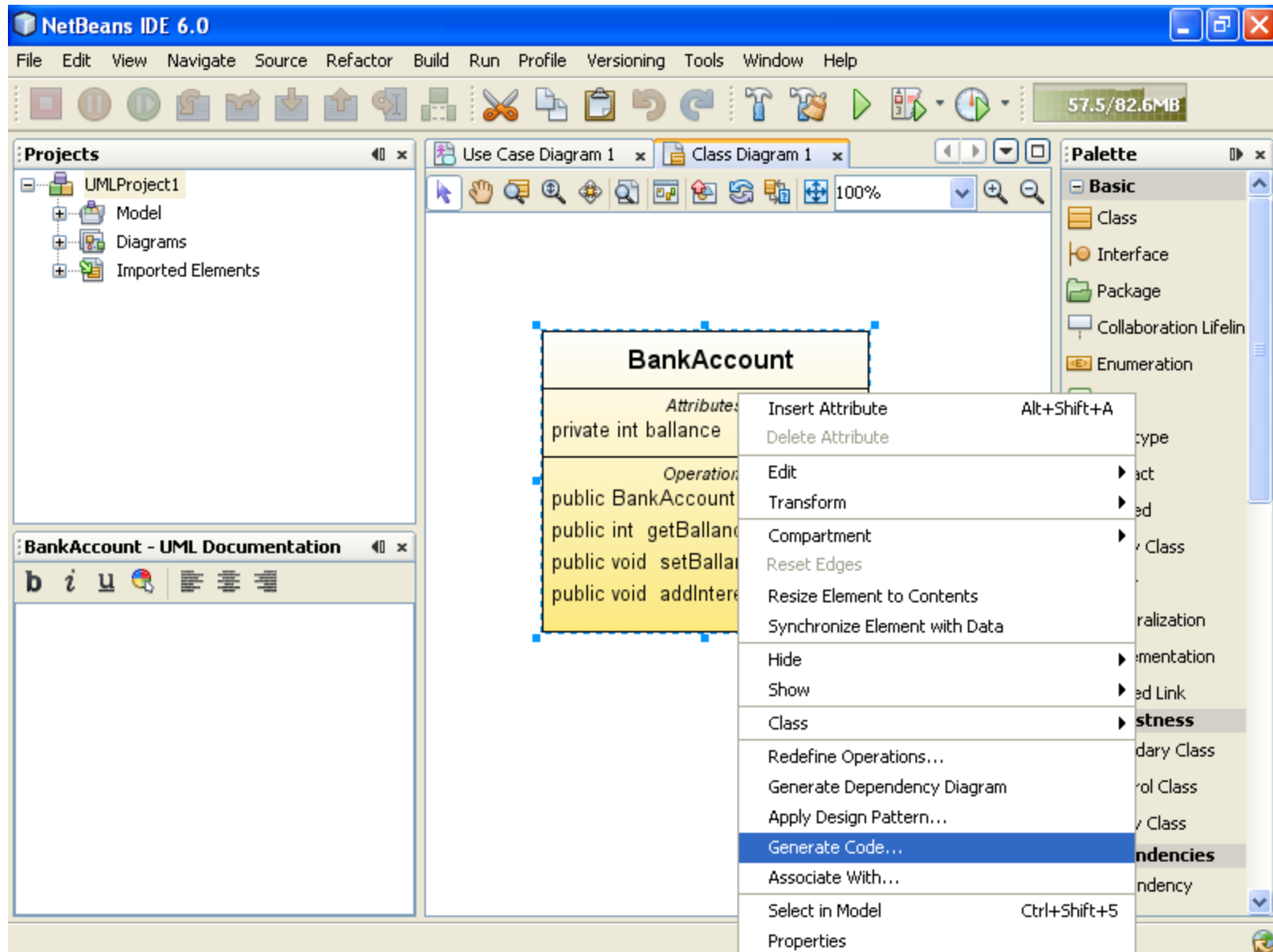


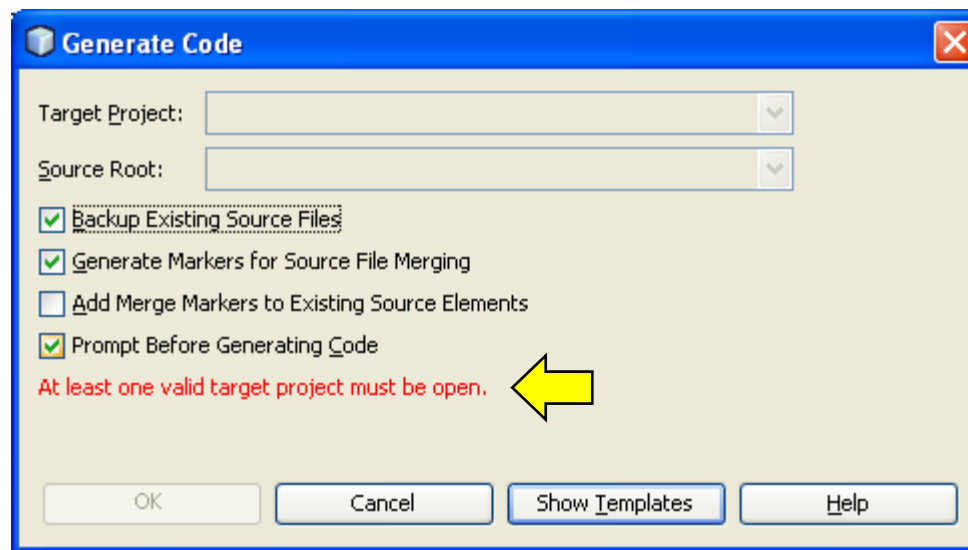


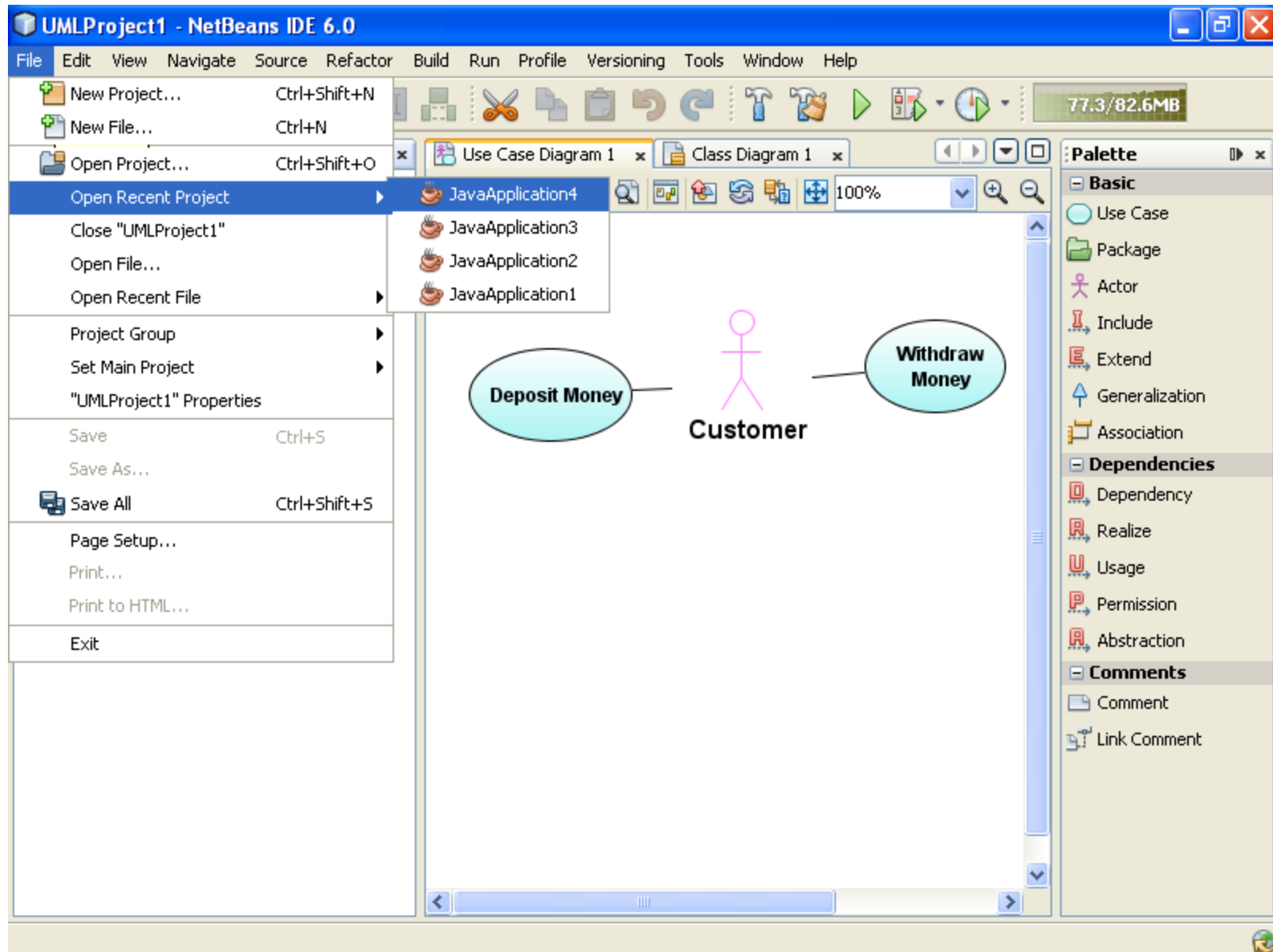


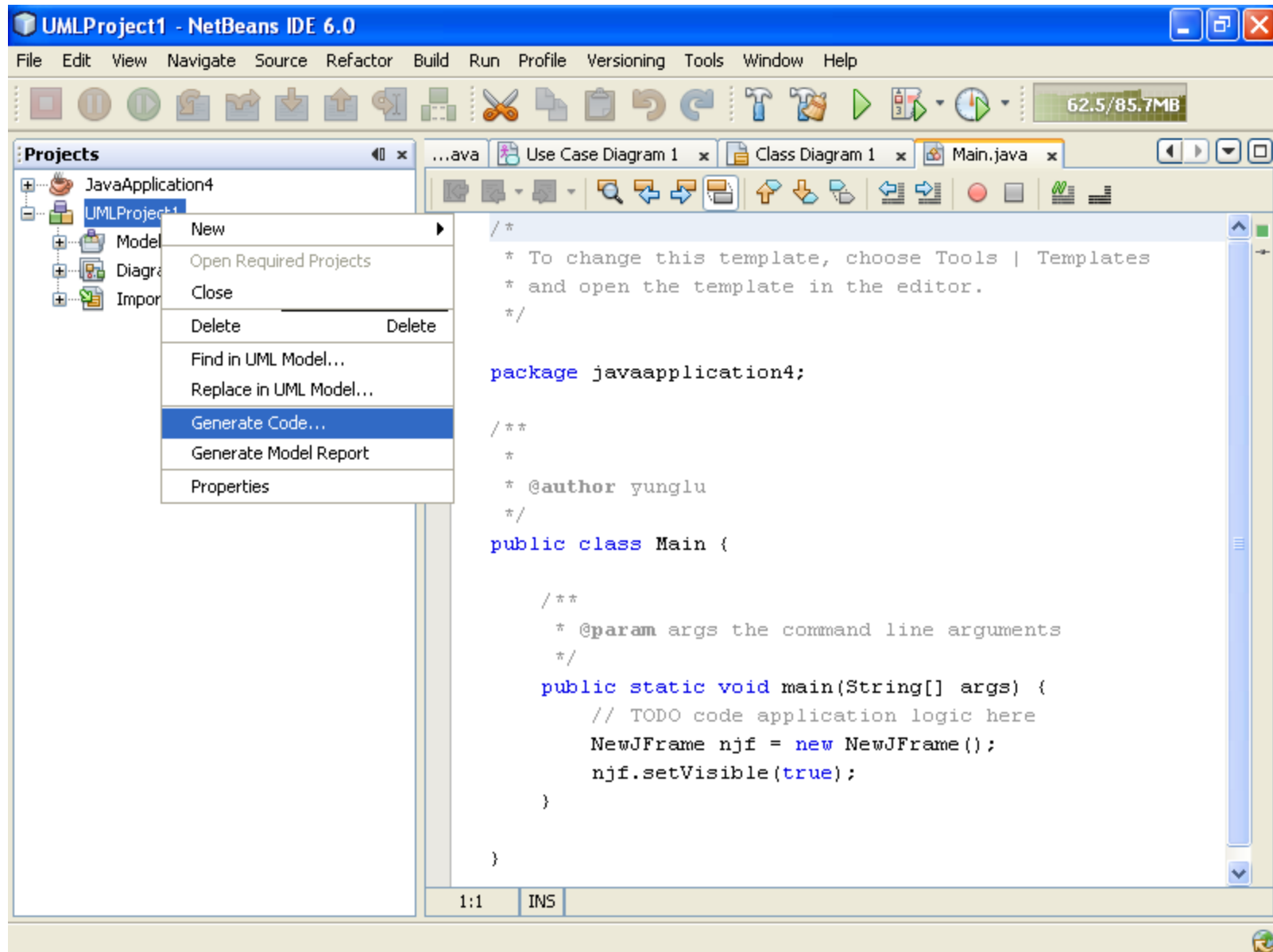


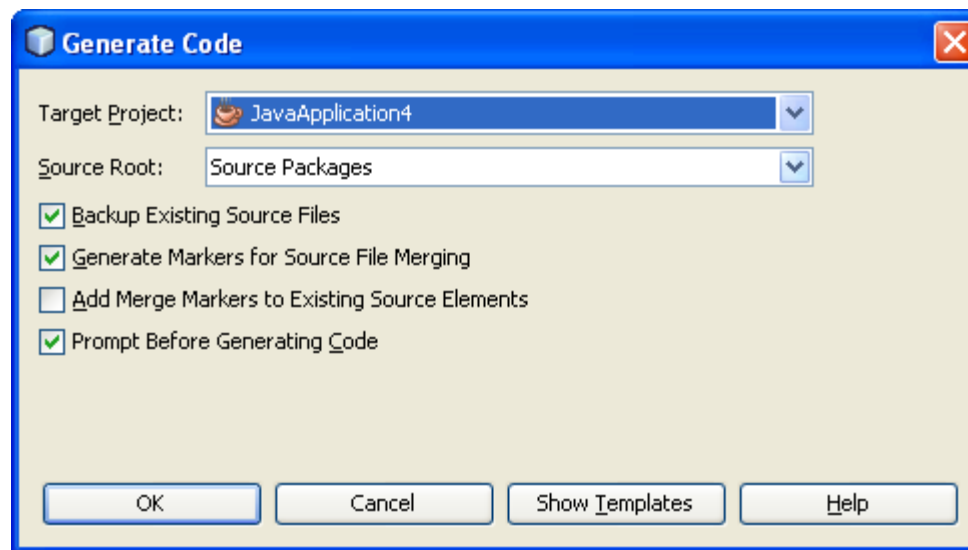
Generate Java Code from UML

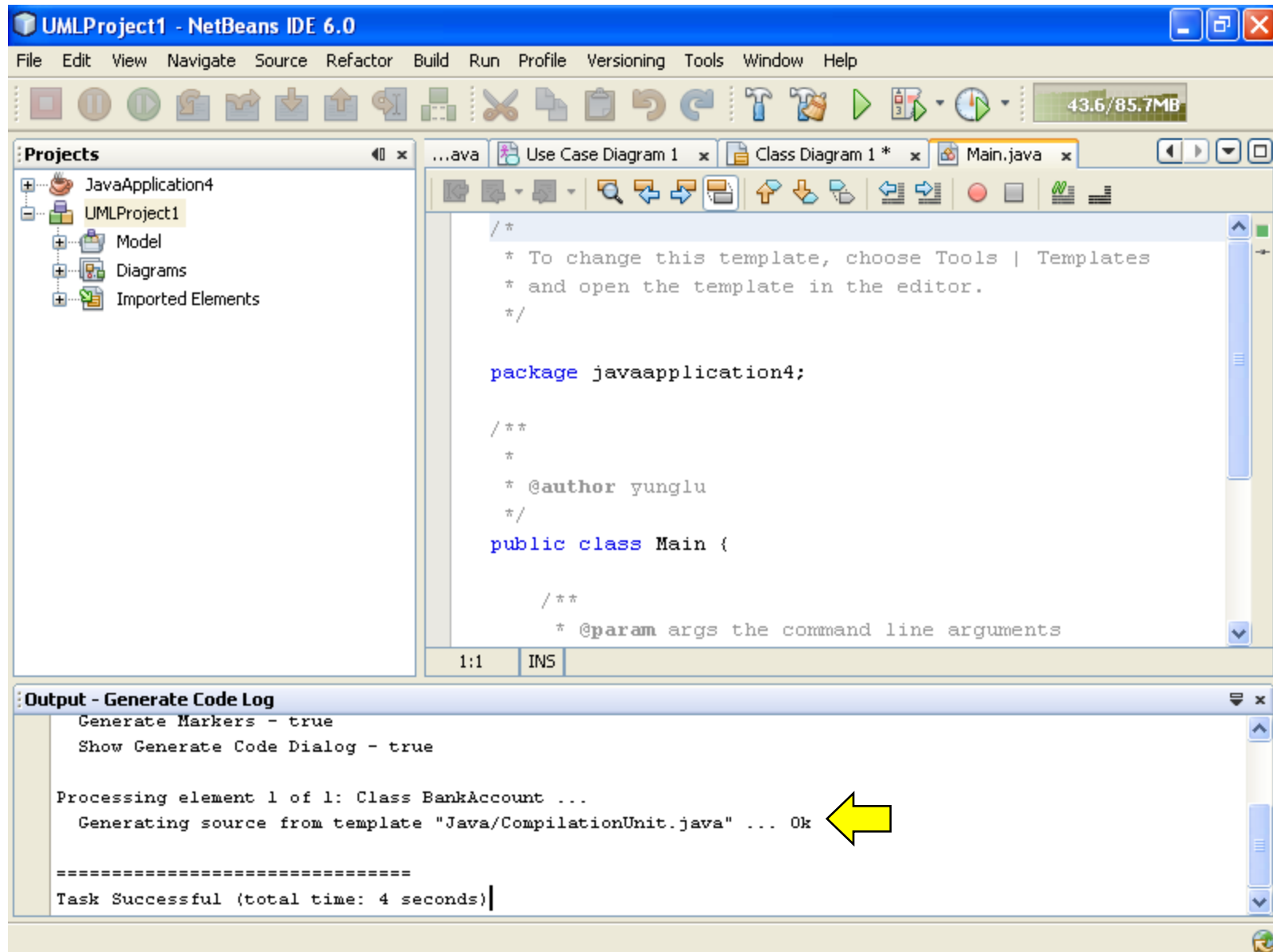


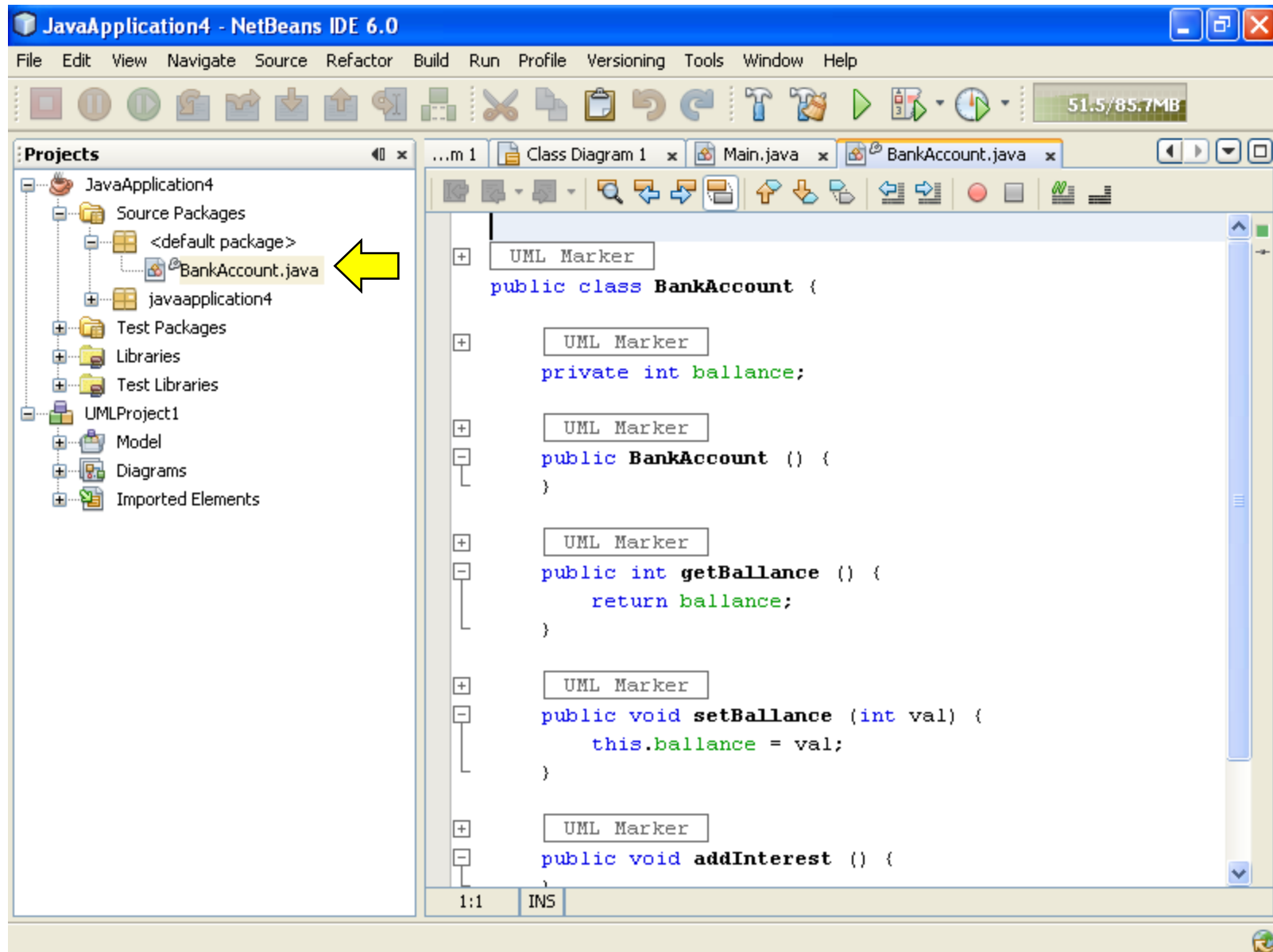


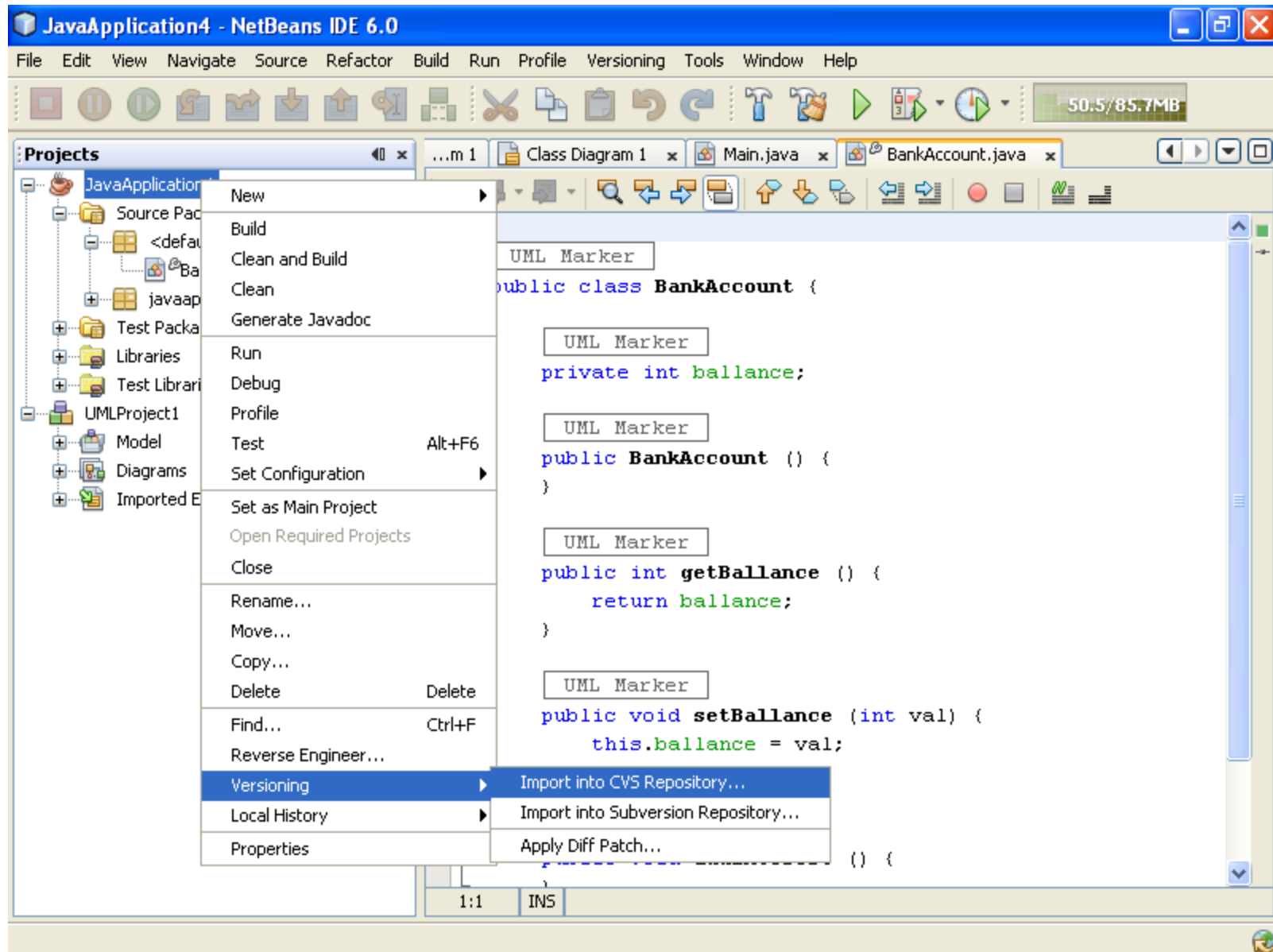




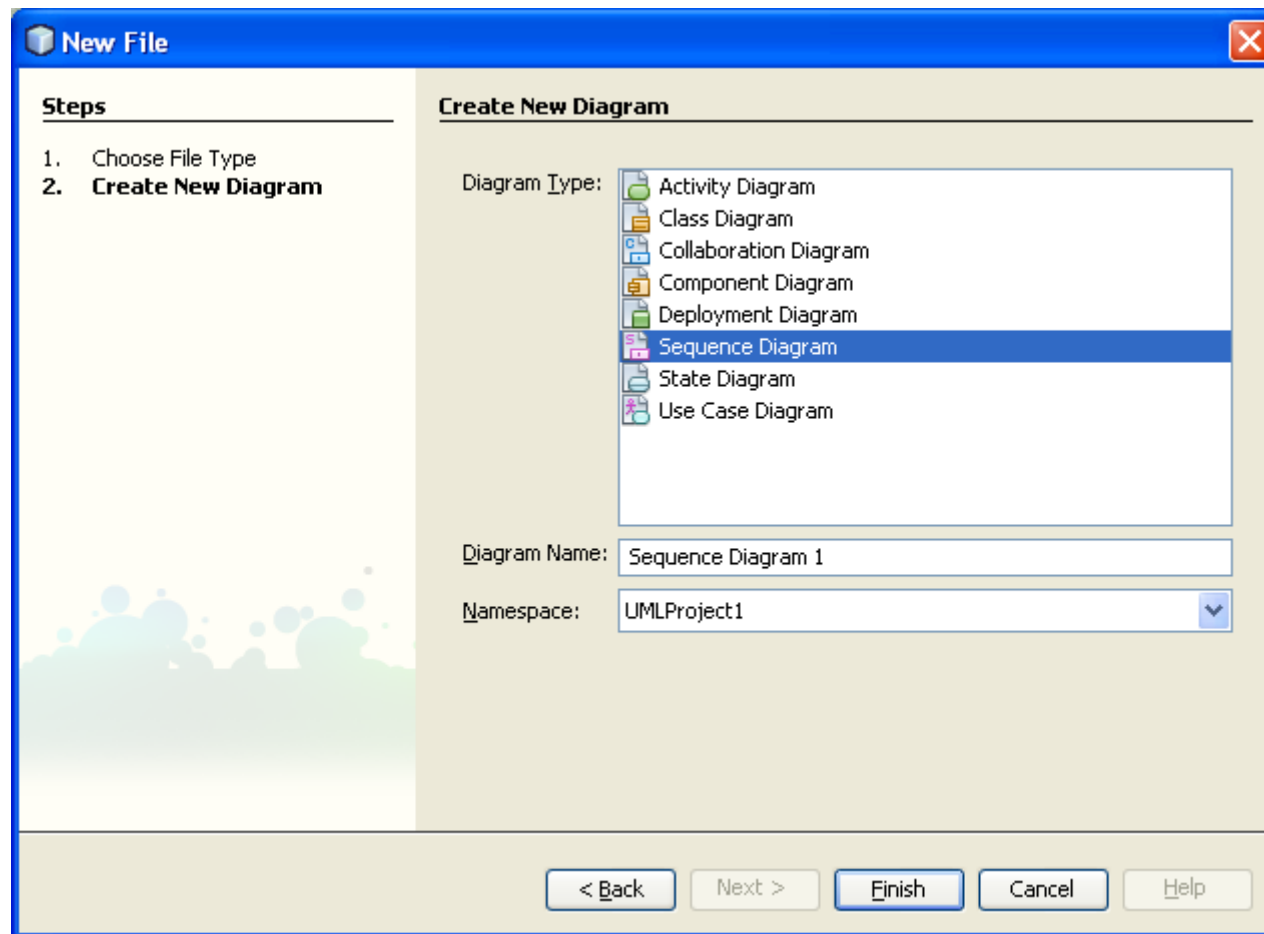


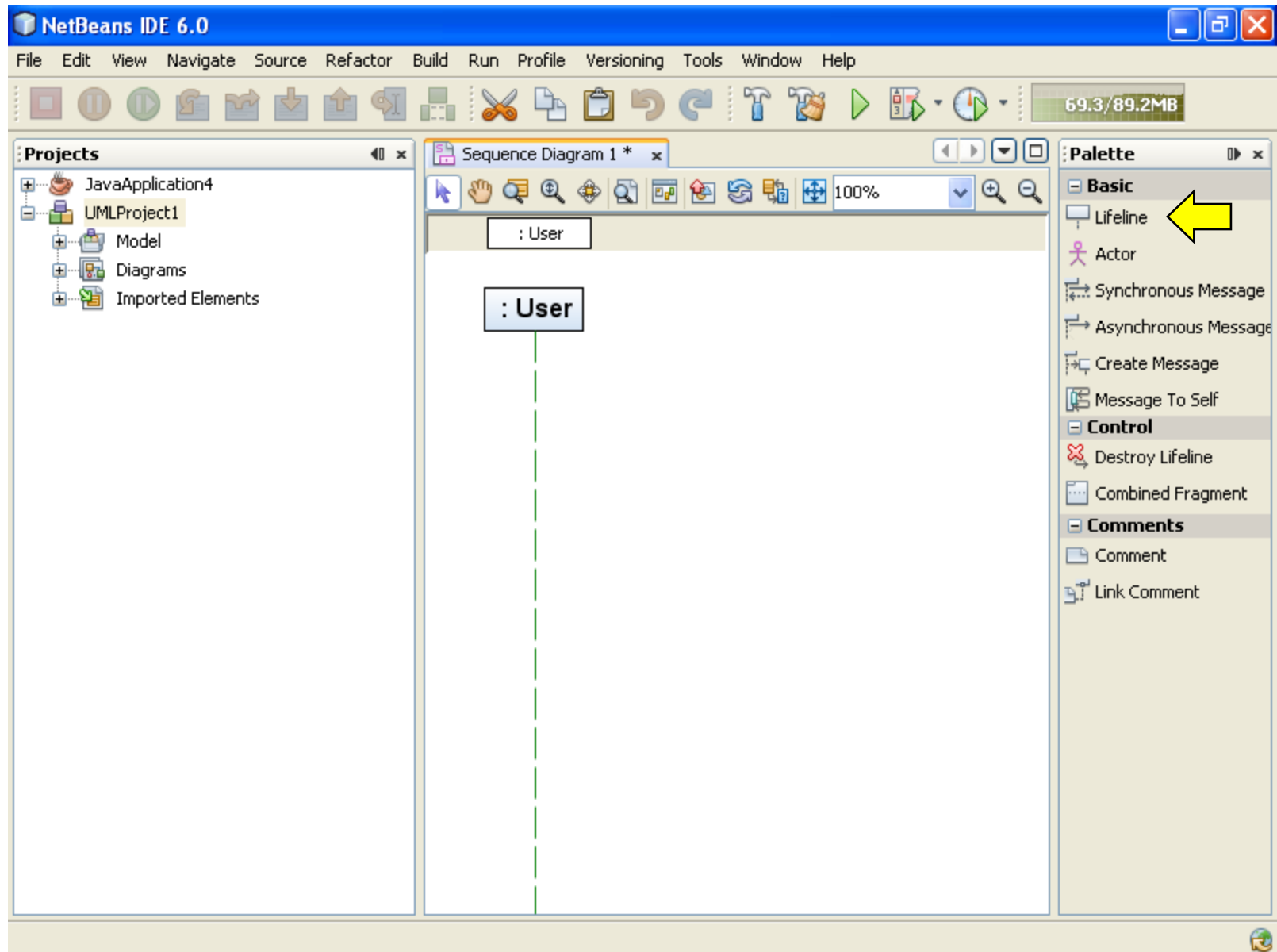


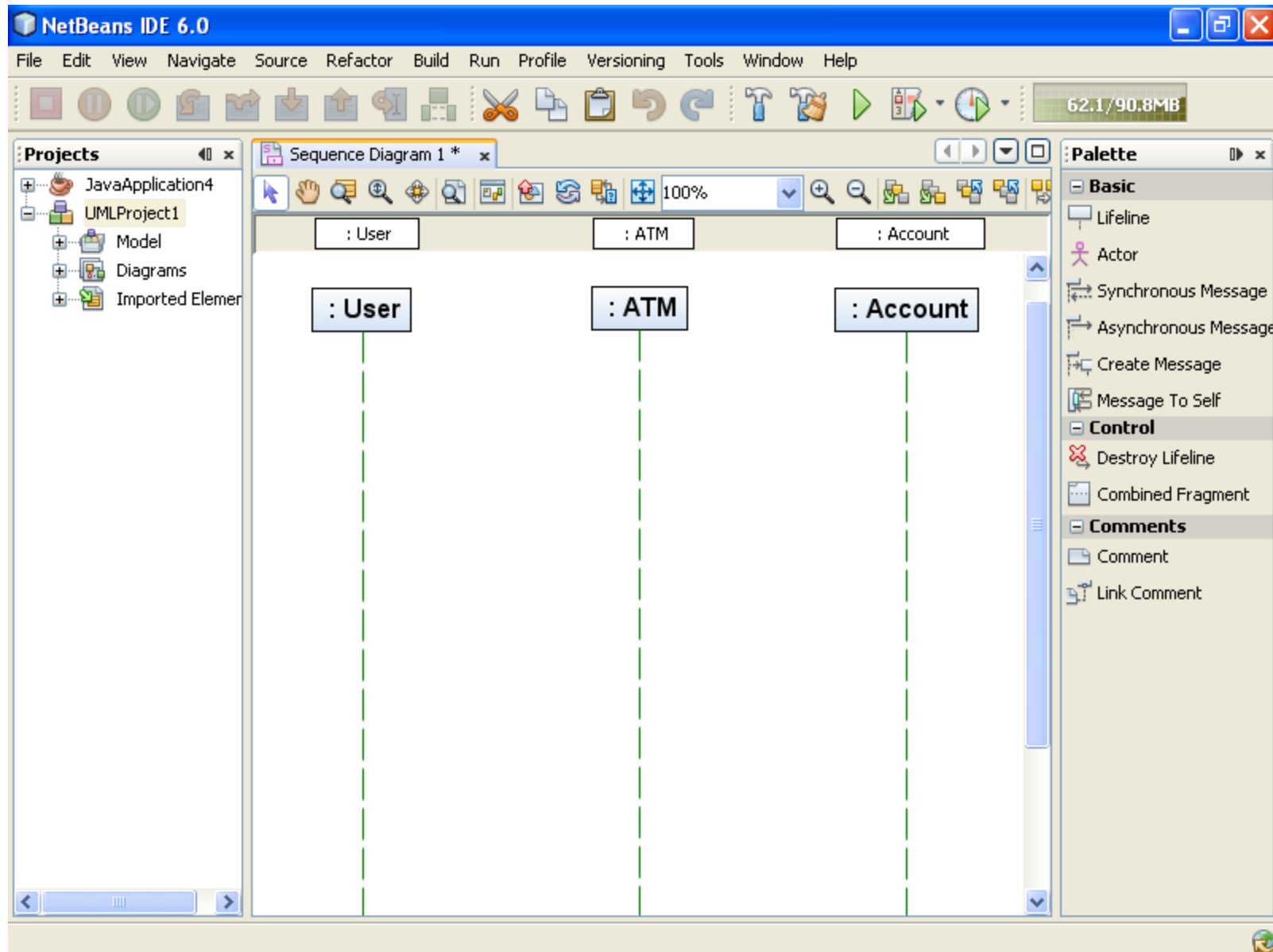


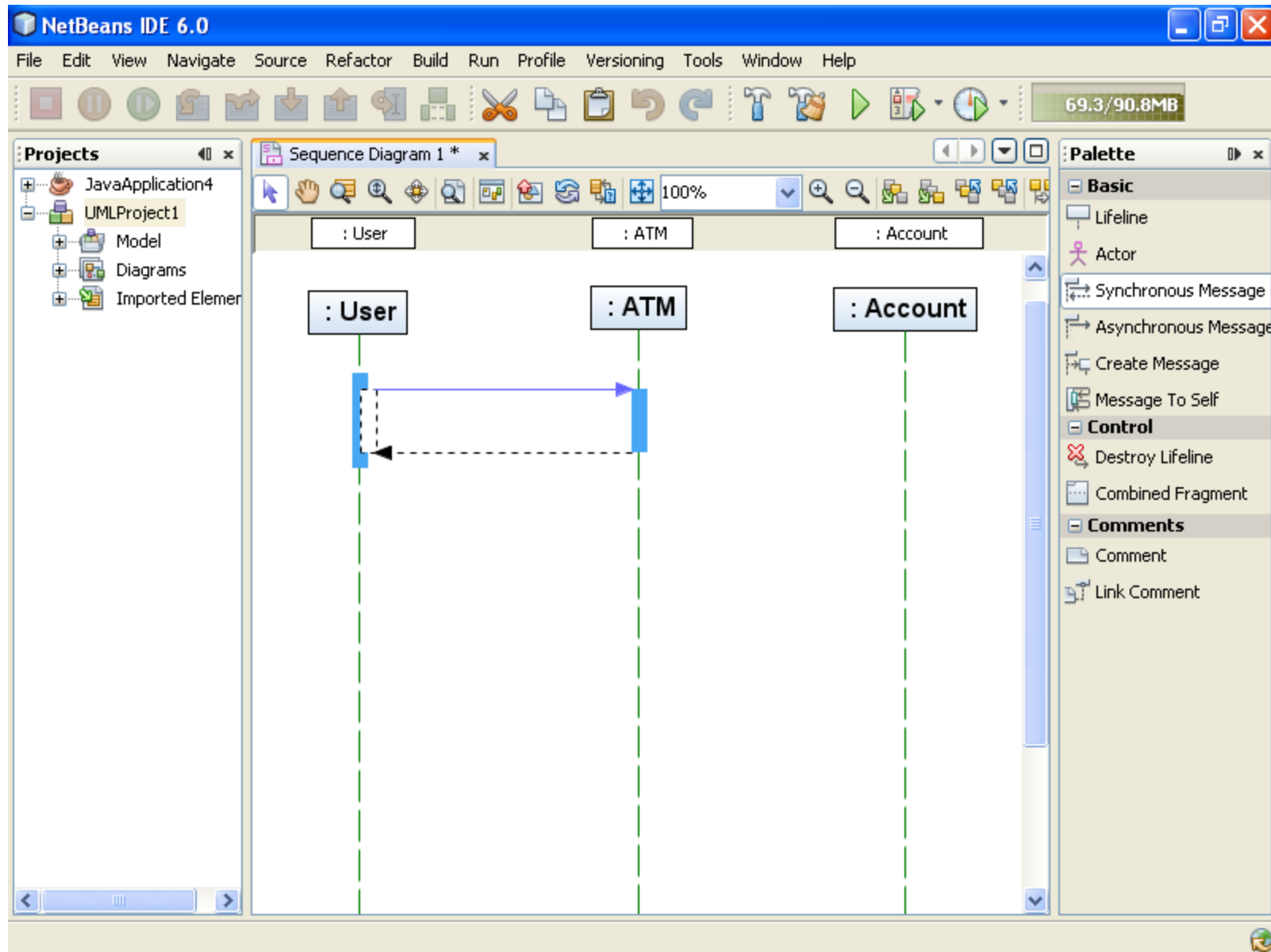


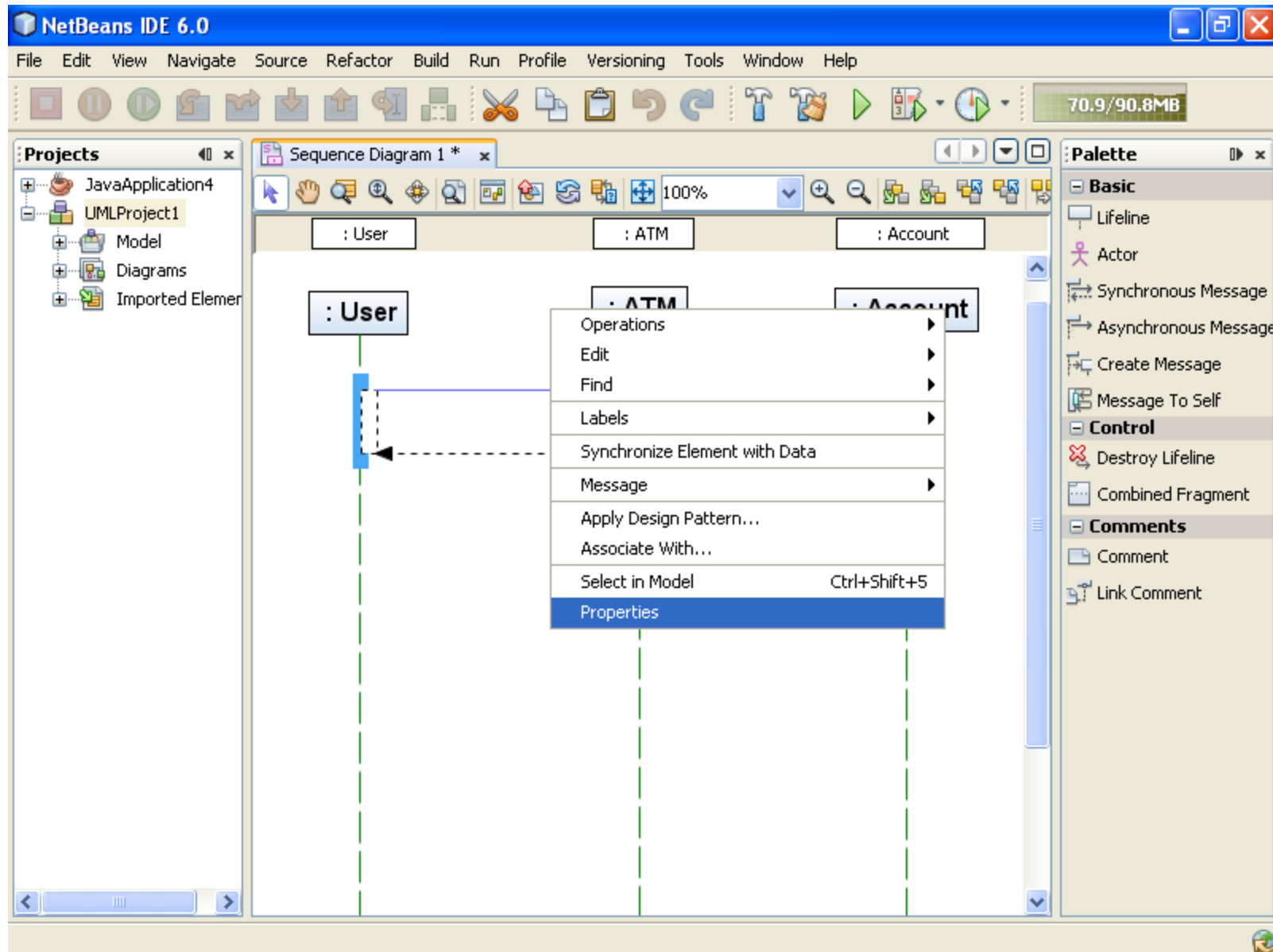
Sequence Diagram











Message - Properties [X]

Message

Name	Insert Card
Alias	
Visibility	public
Stereotypes	...
Tagged Values	...
Documentation	...
Constraints	...
Message Kind	synchronous
Receiving Classifier	ATM
Sending Classifier	User

Name ?

Close

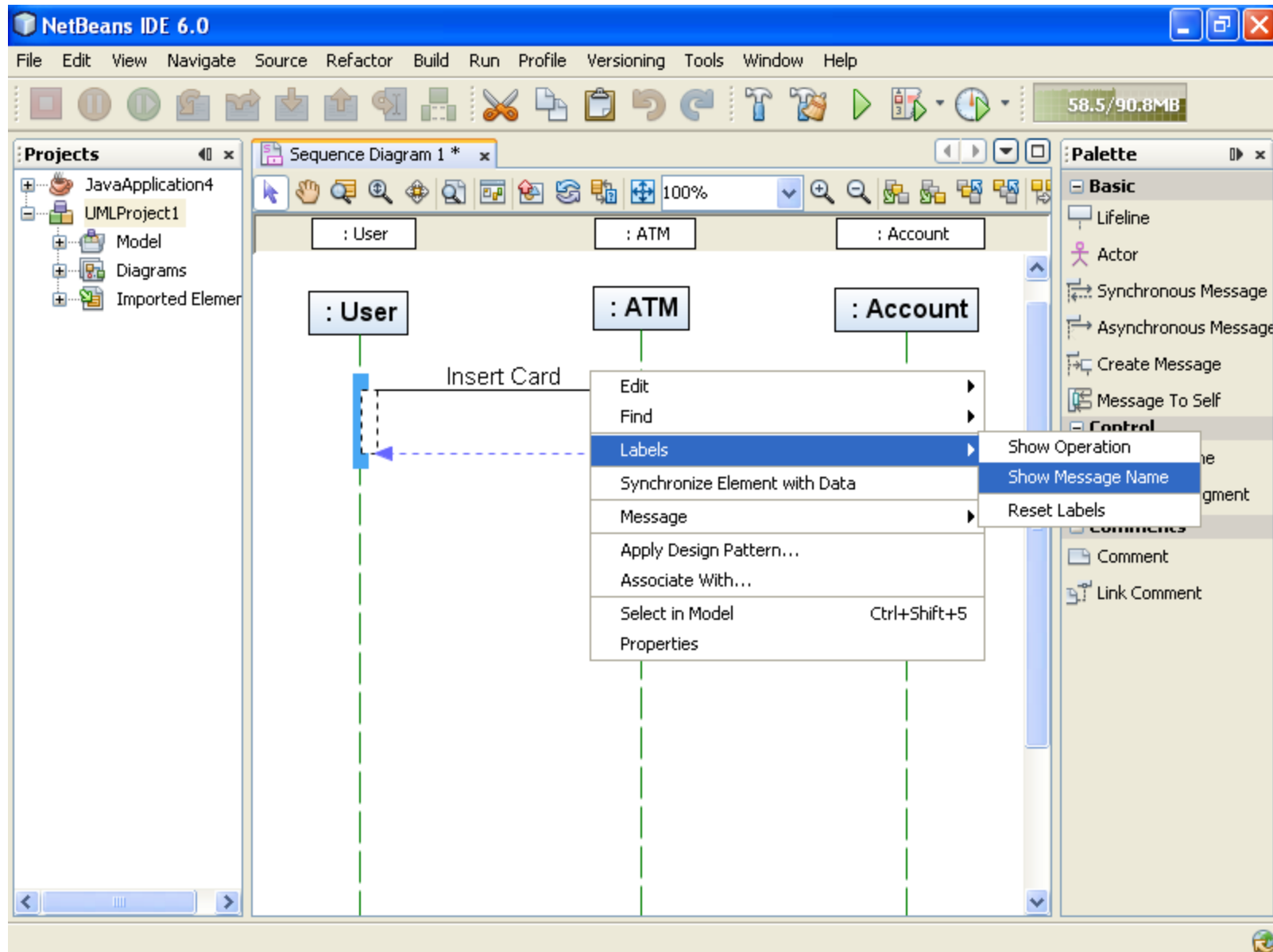
Message - Properties

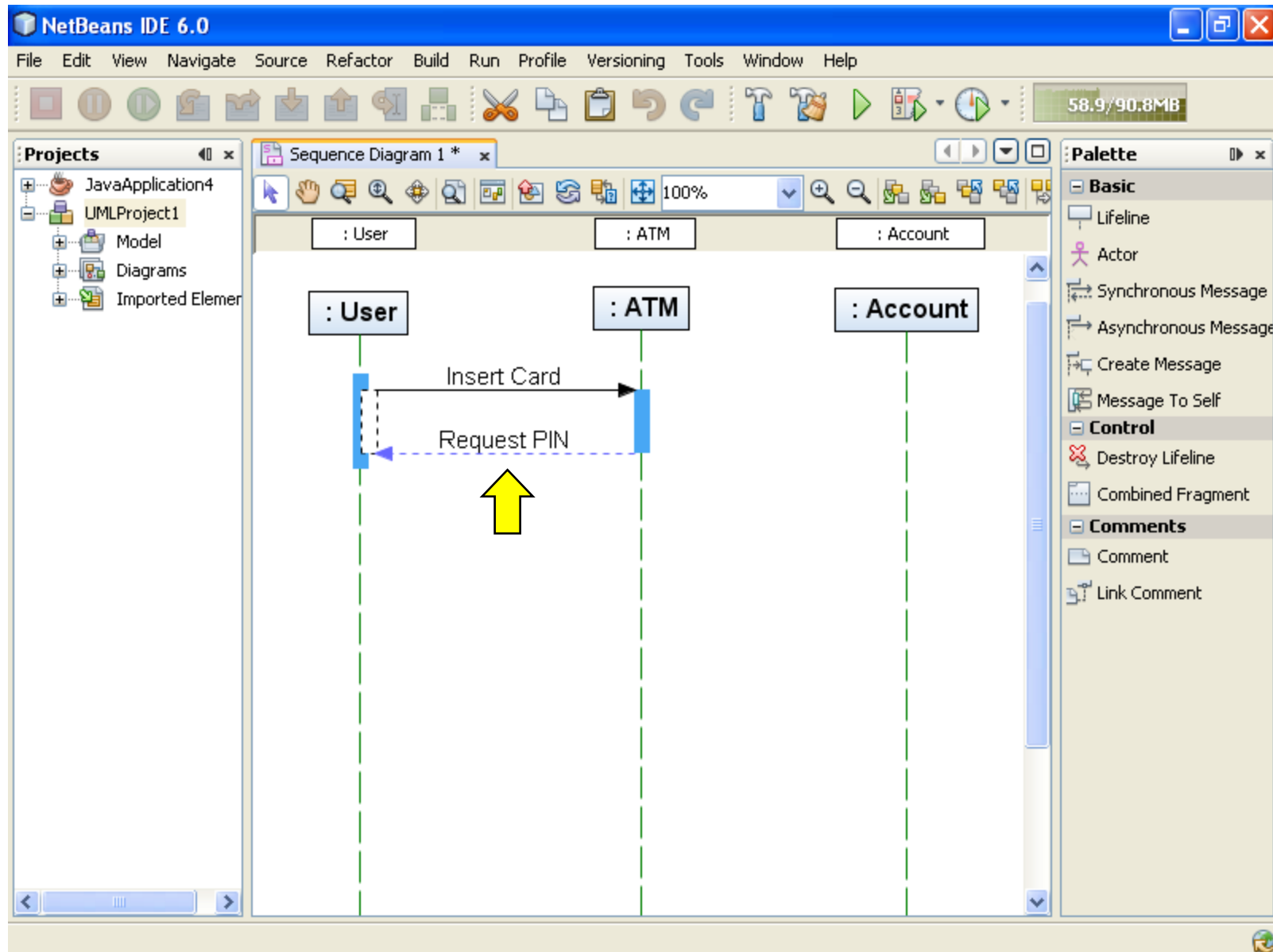
Message

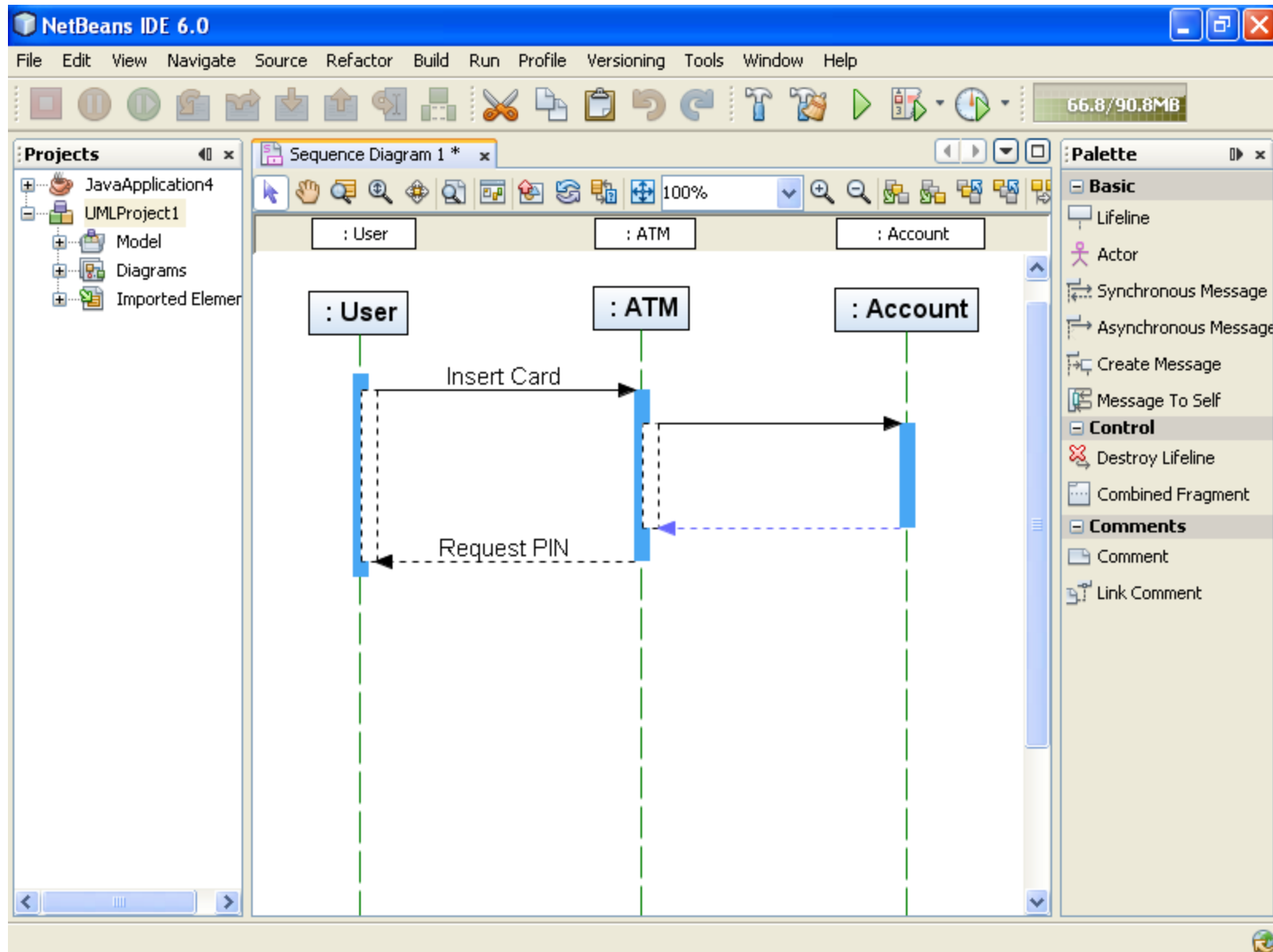
Name	Request PIN
Alias	
Visibility	public
Stereotypes	
Tagged Values	
Documentation	
Constraints	
Message Kind	result
Receiving Classifier	User
Sending Classifier	ATM

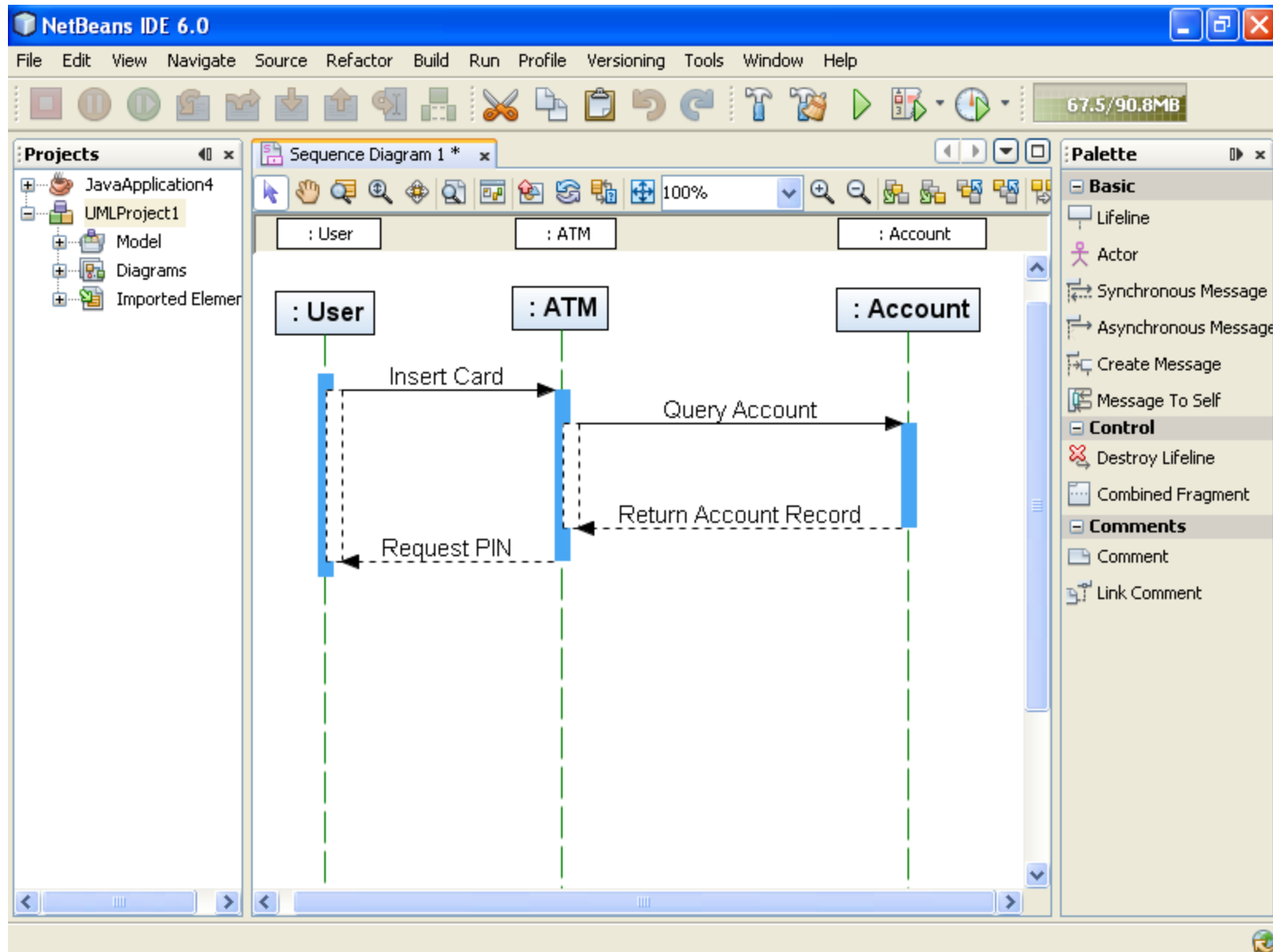
Name

Close

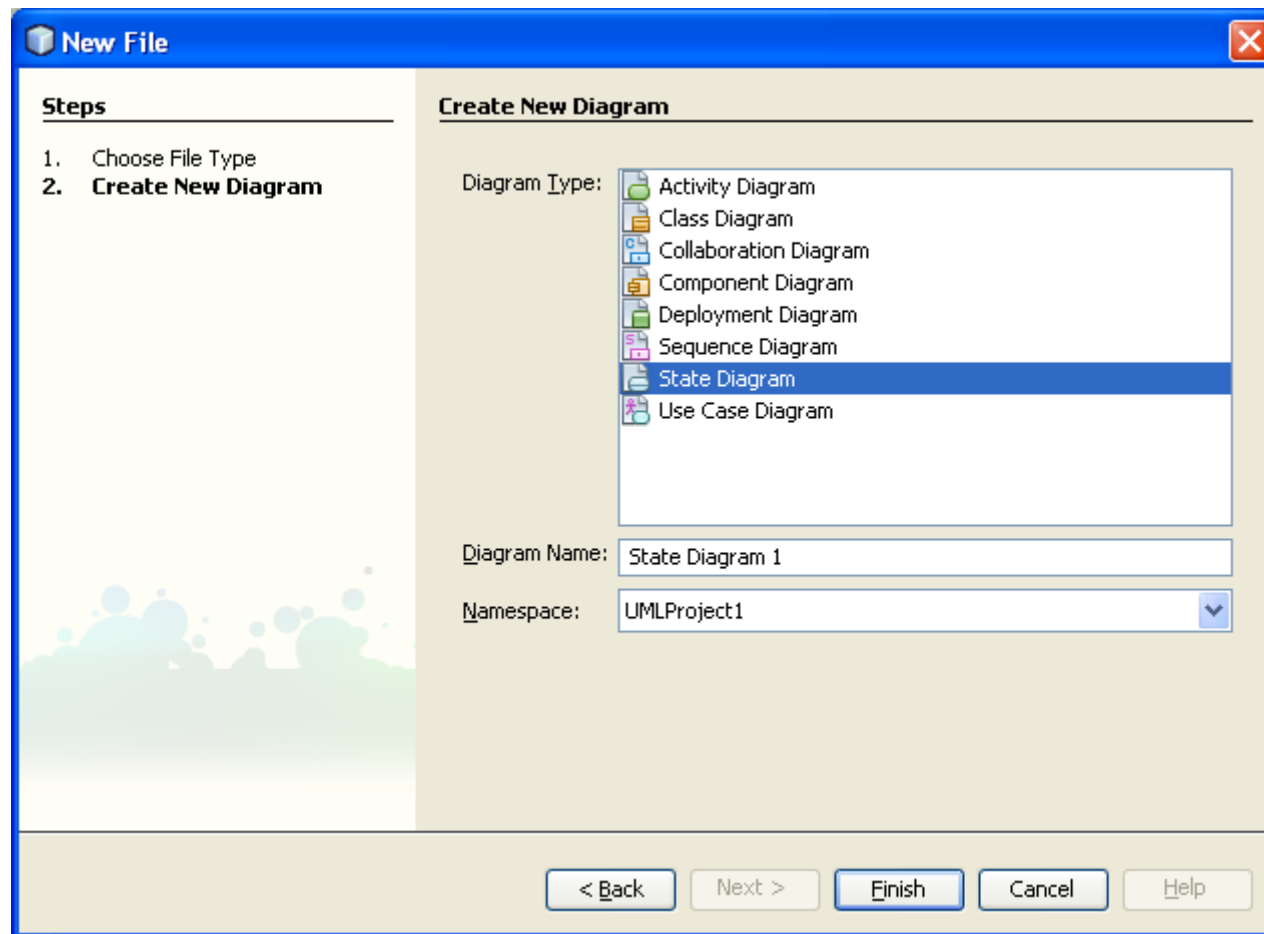


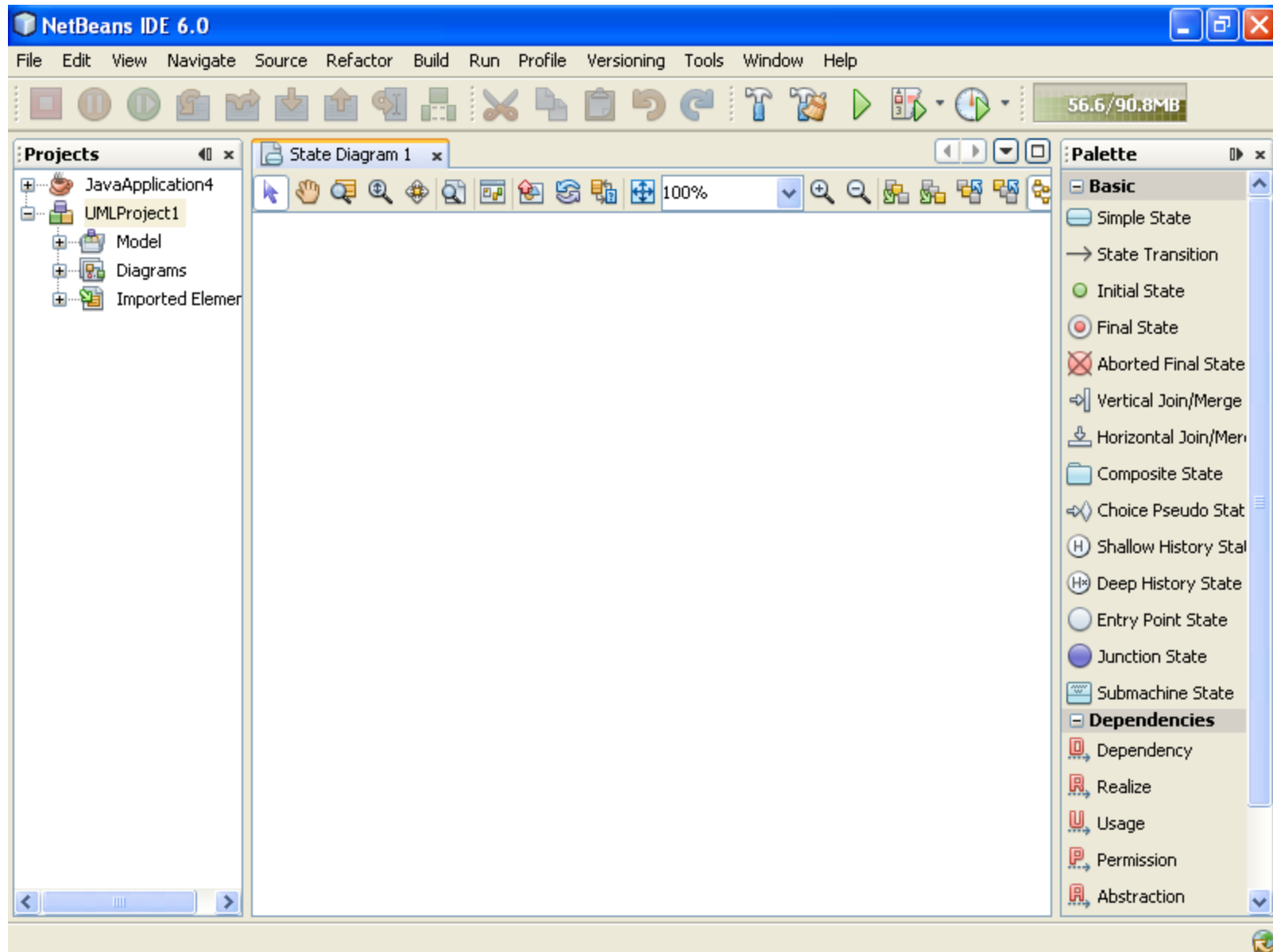


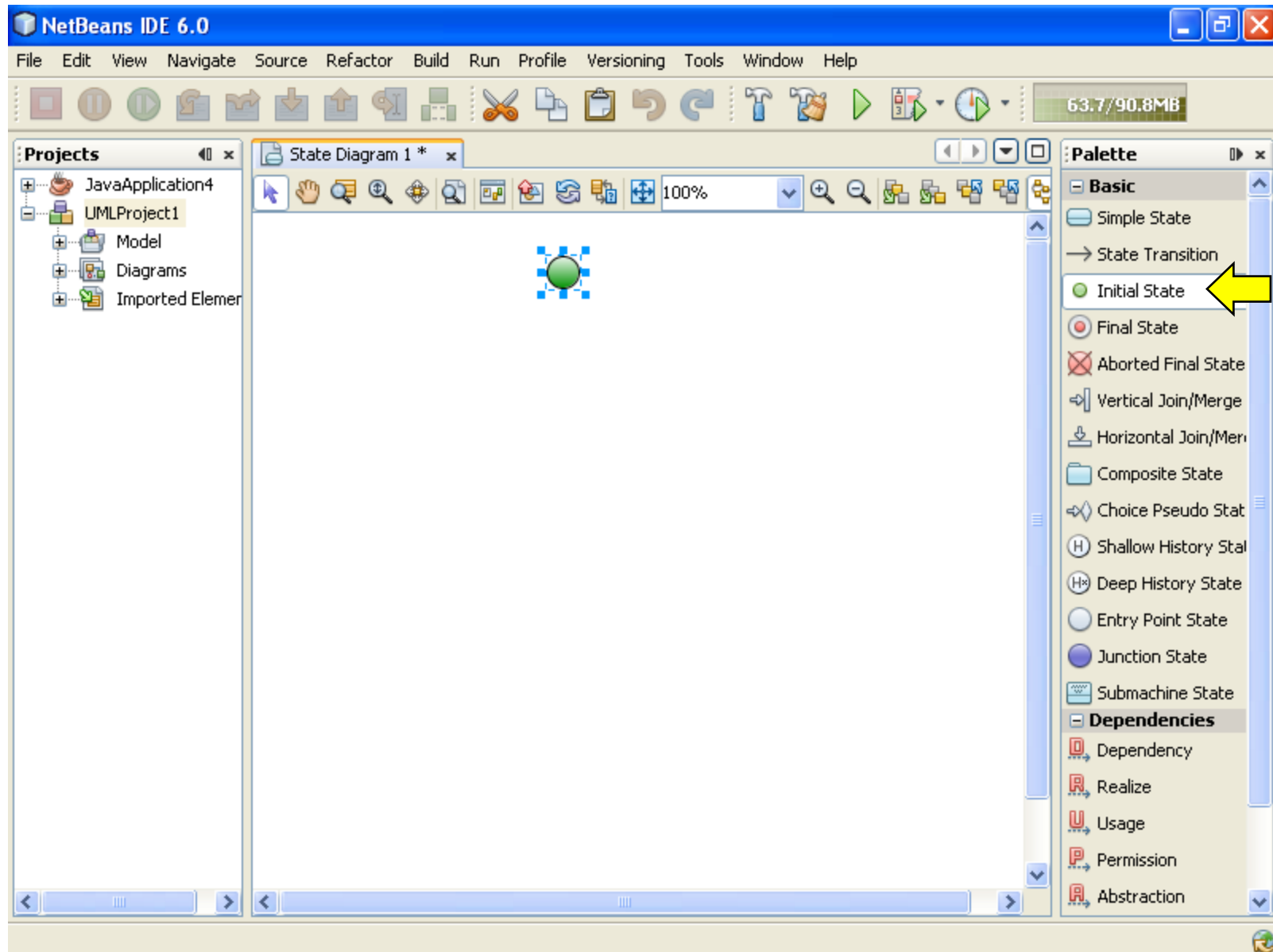


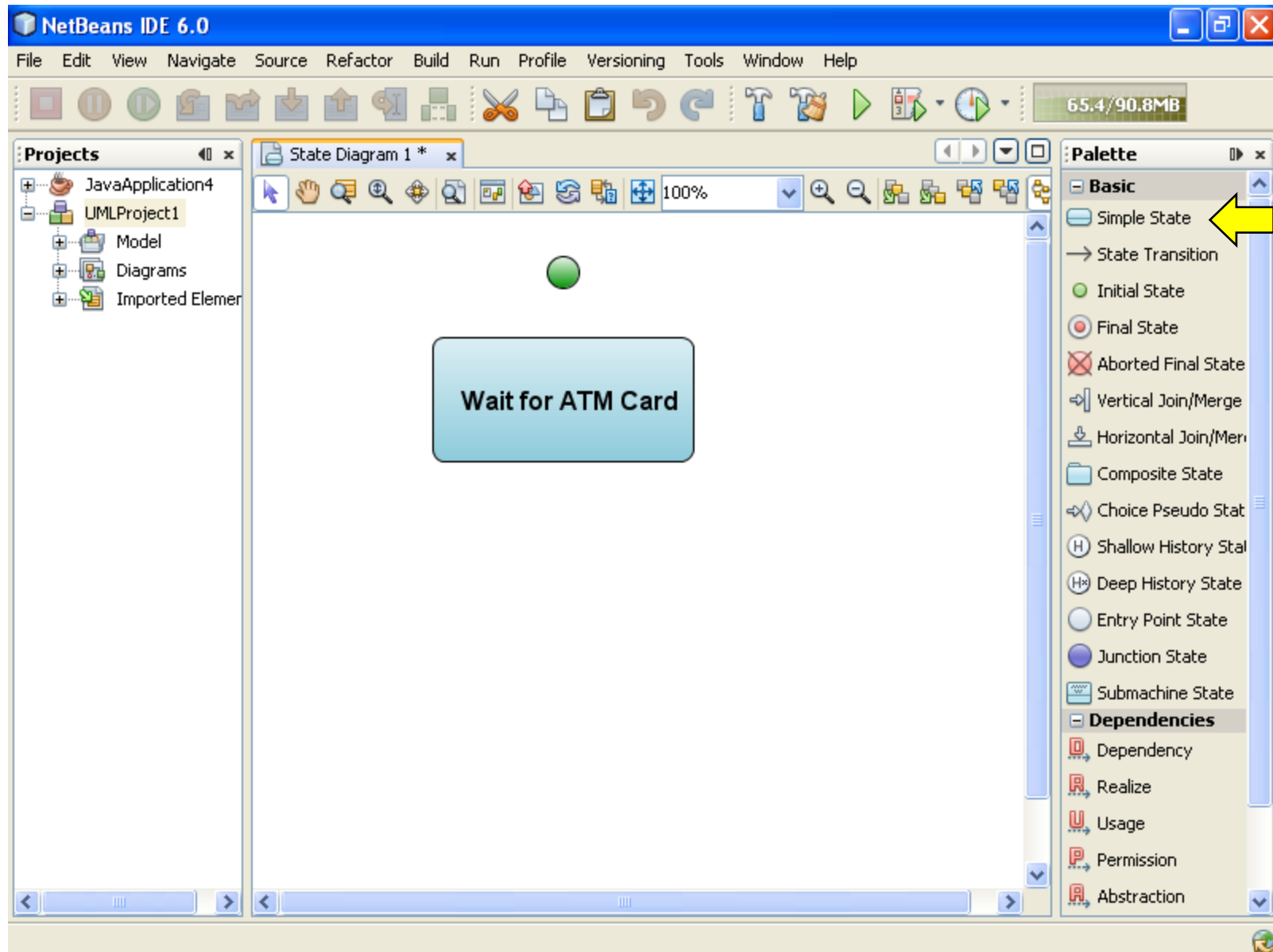


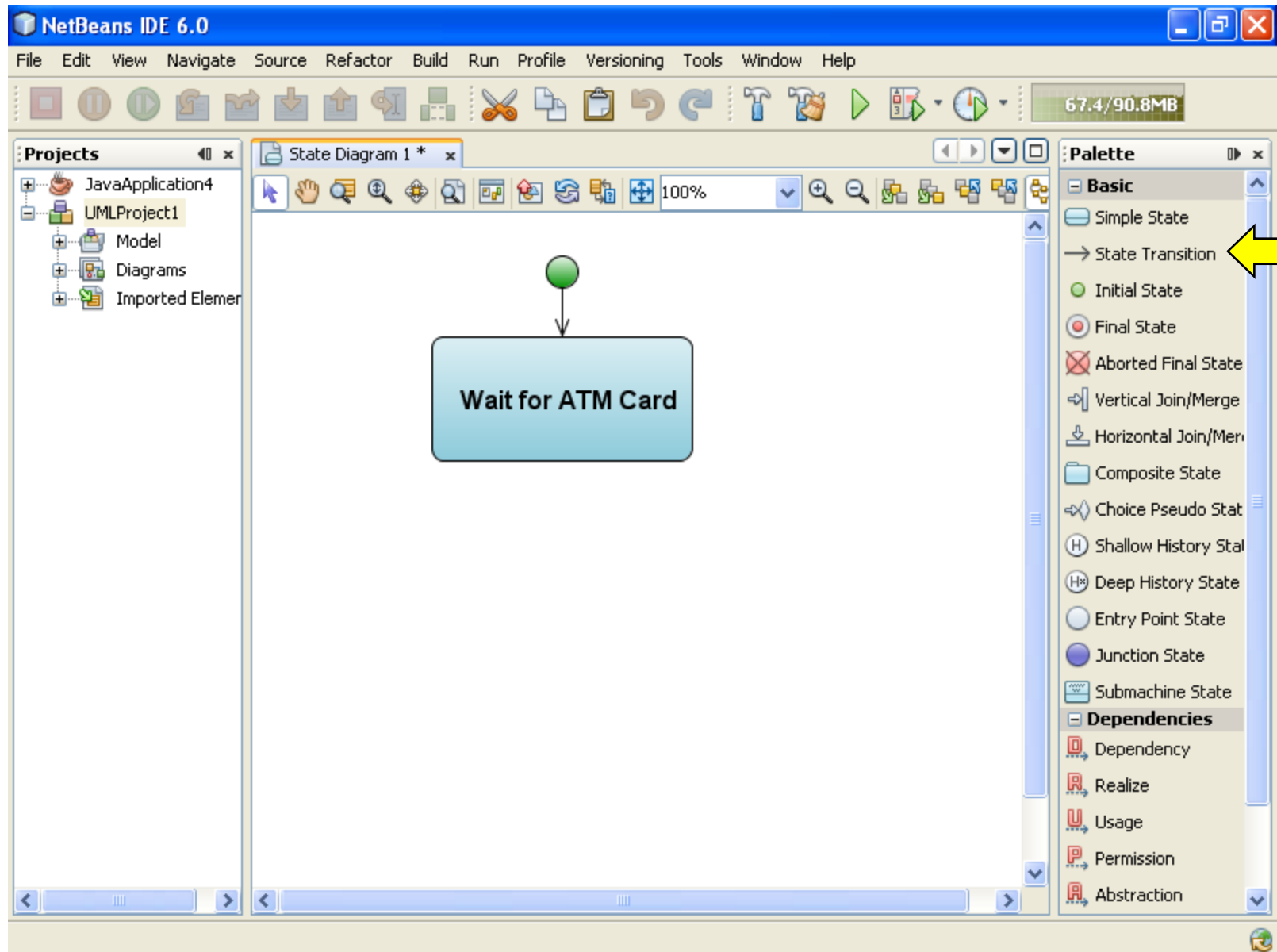
State Diagram

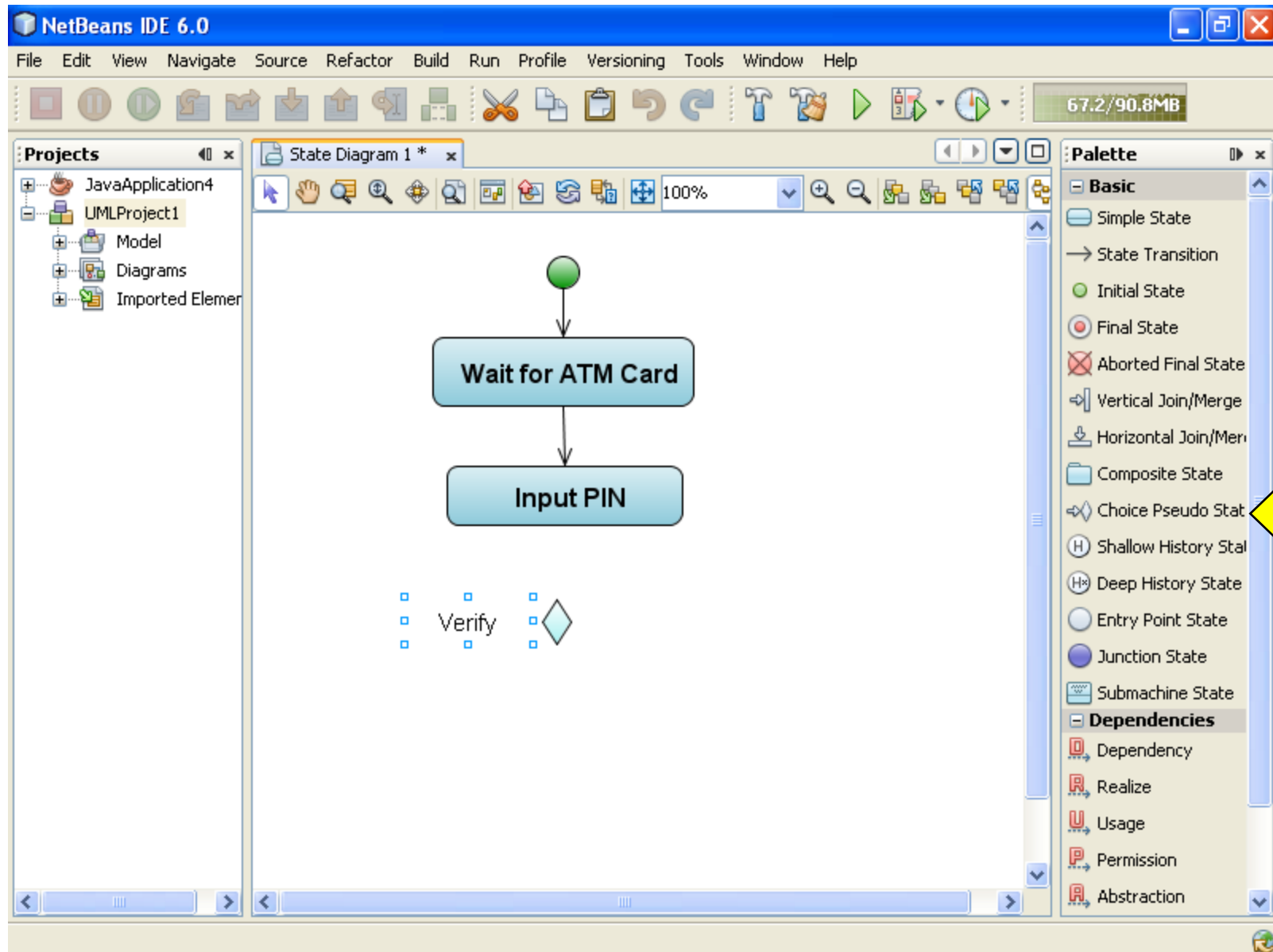


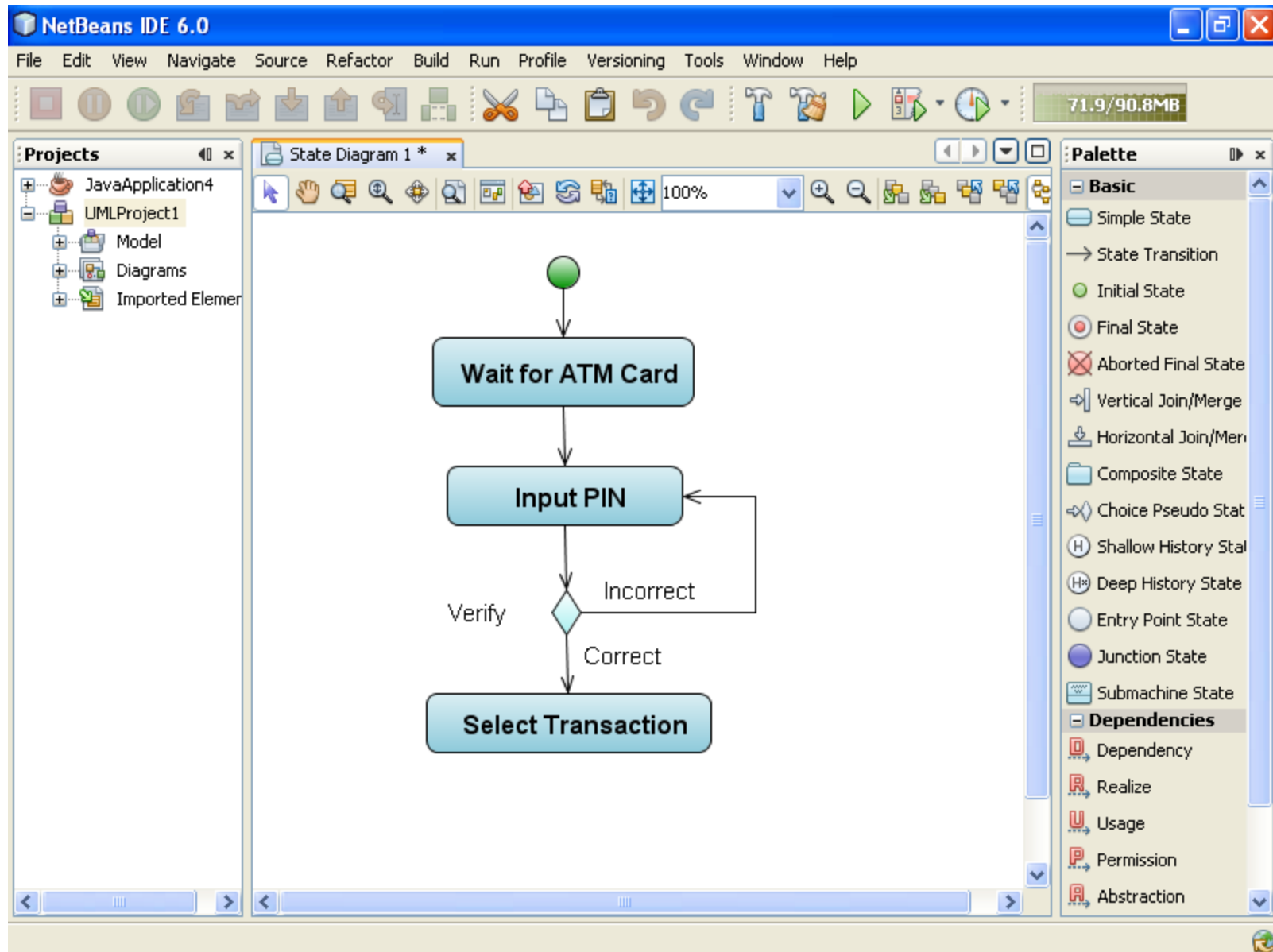


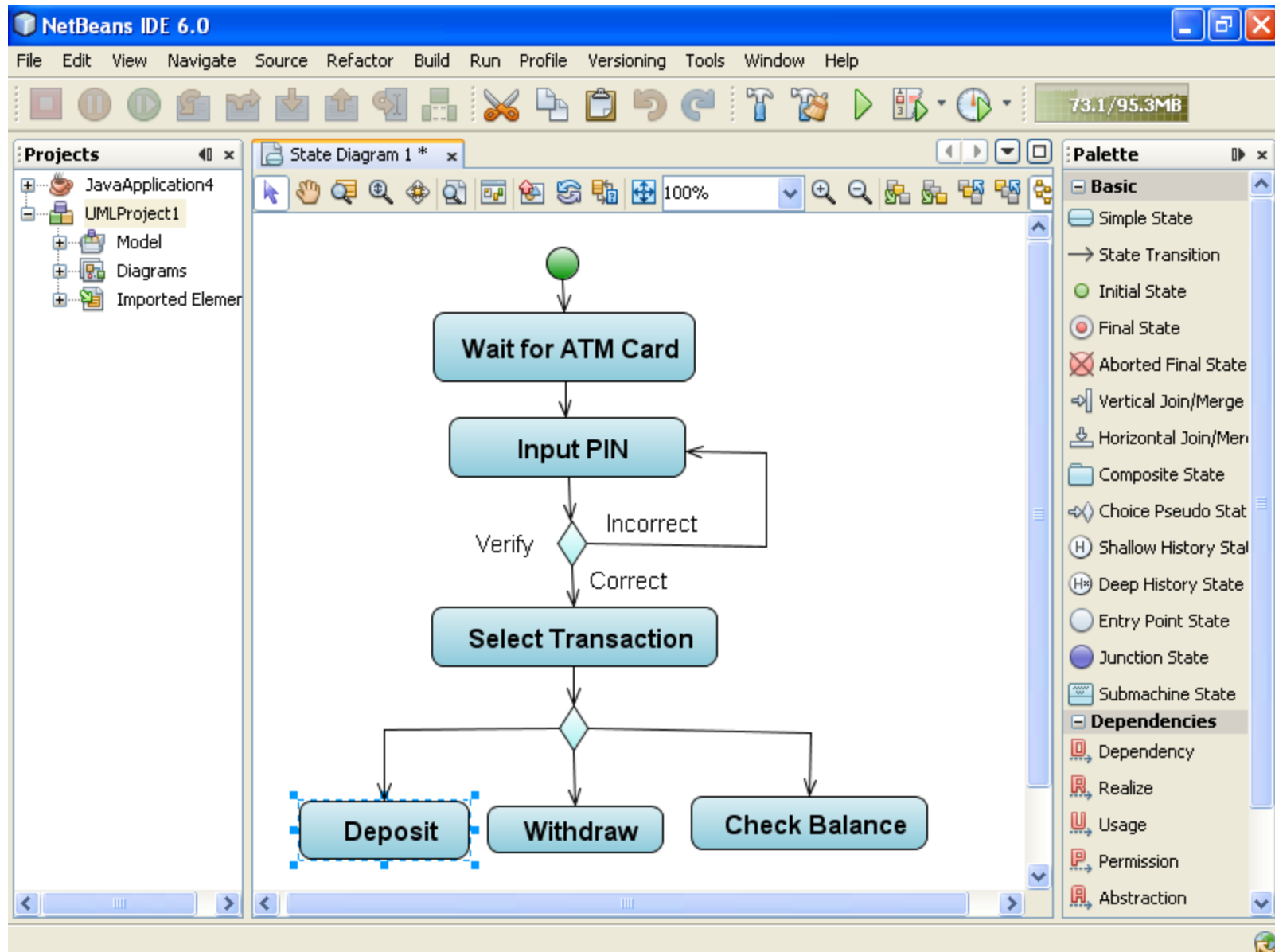


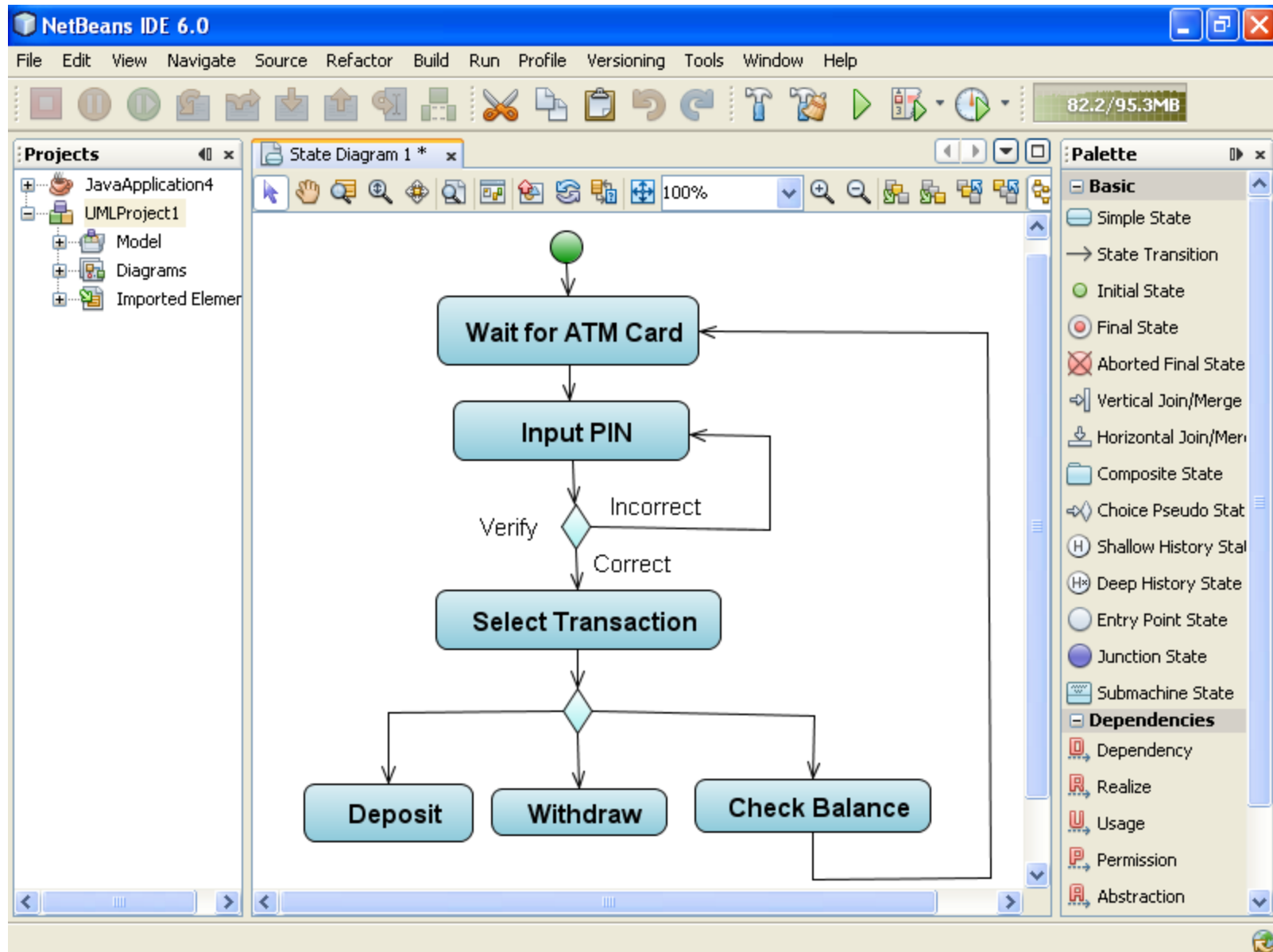












Submission

- Use Case Diagram
- Class Diagram
- Sequence Diagram
- State Diagram

as shown in the slides

Submit a zip file of the project.