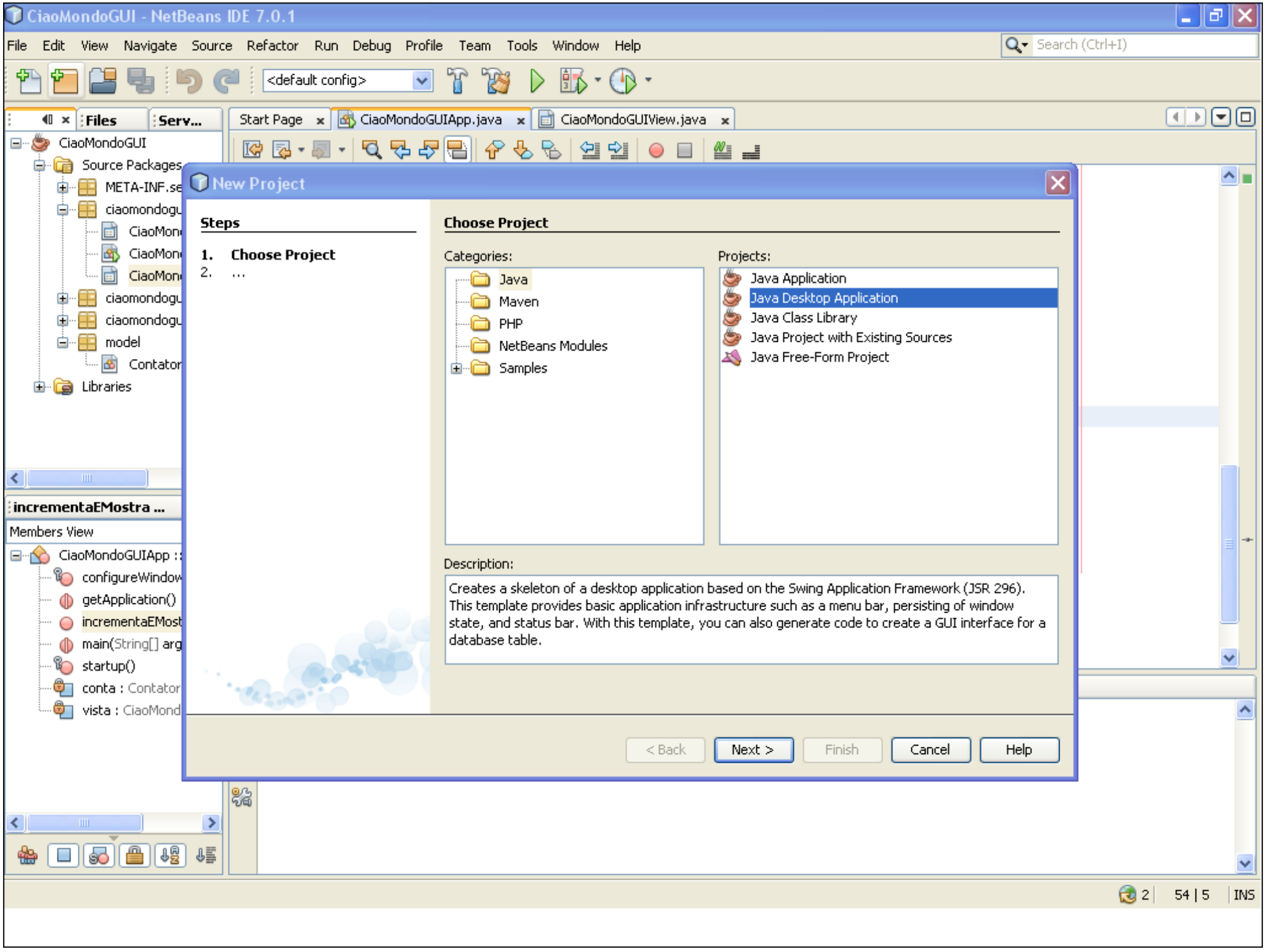
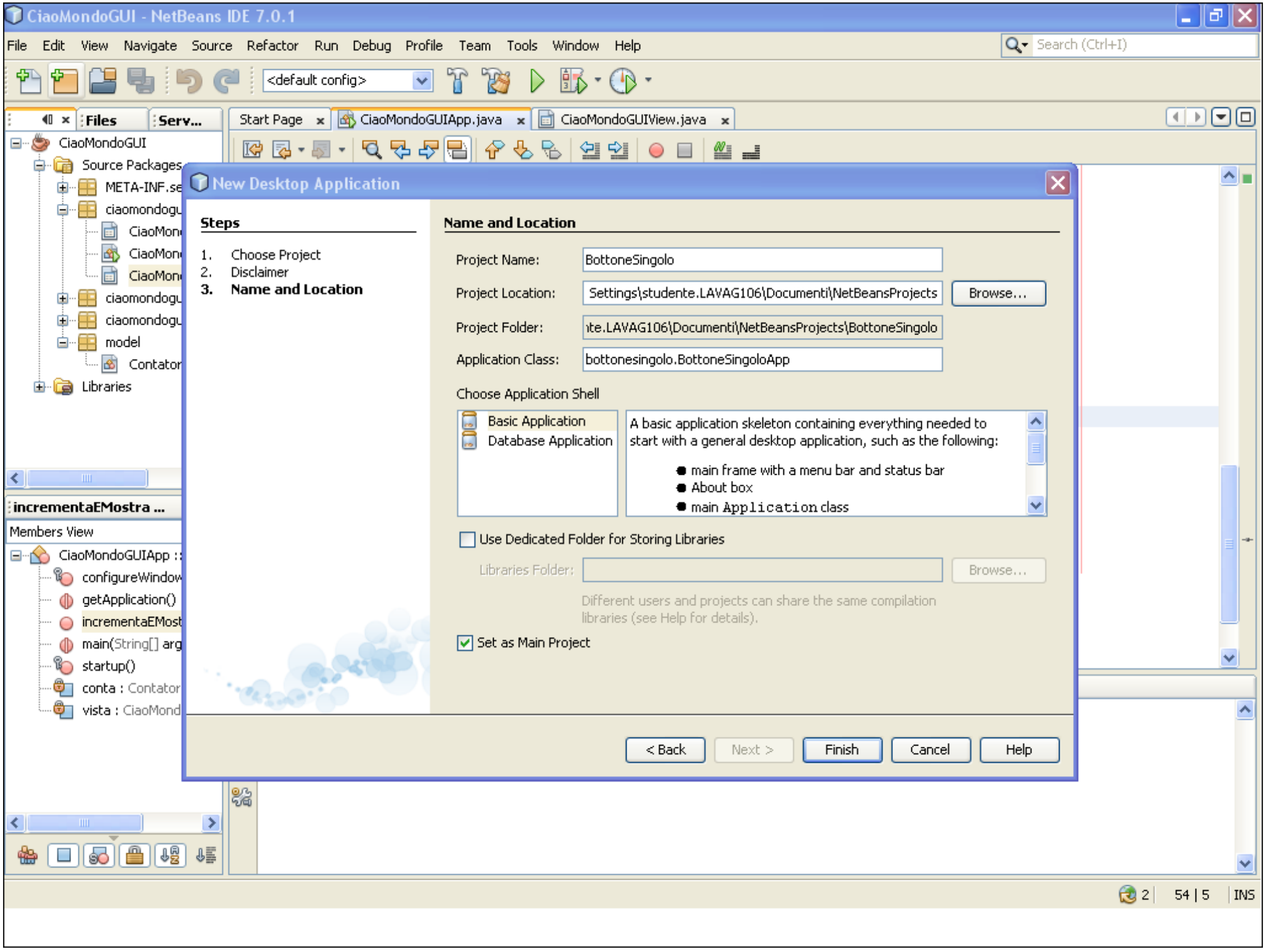
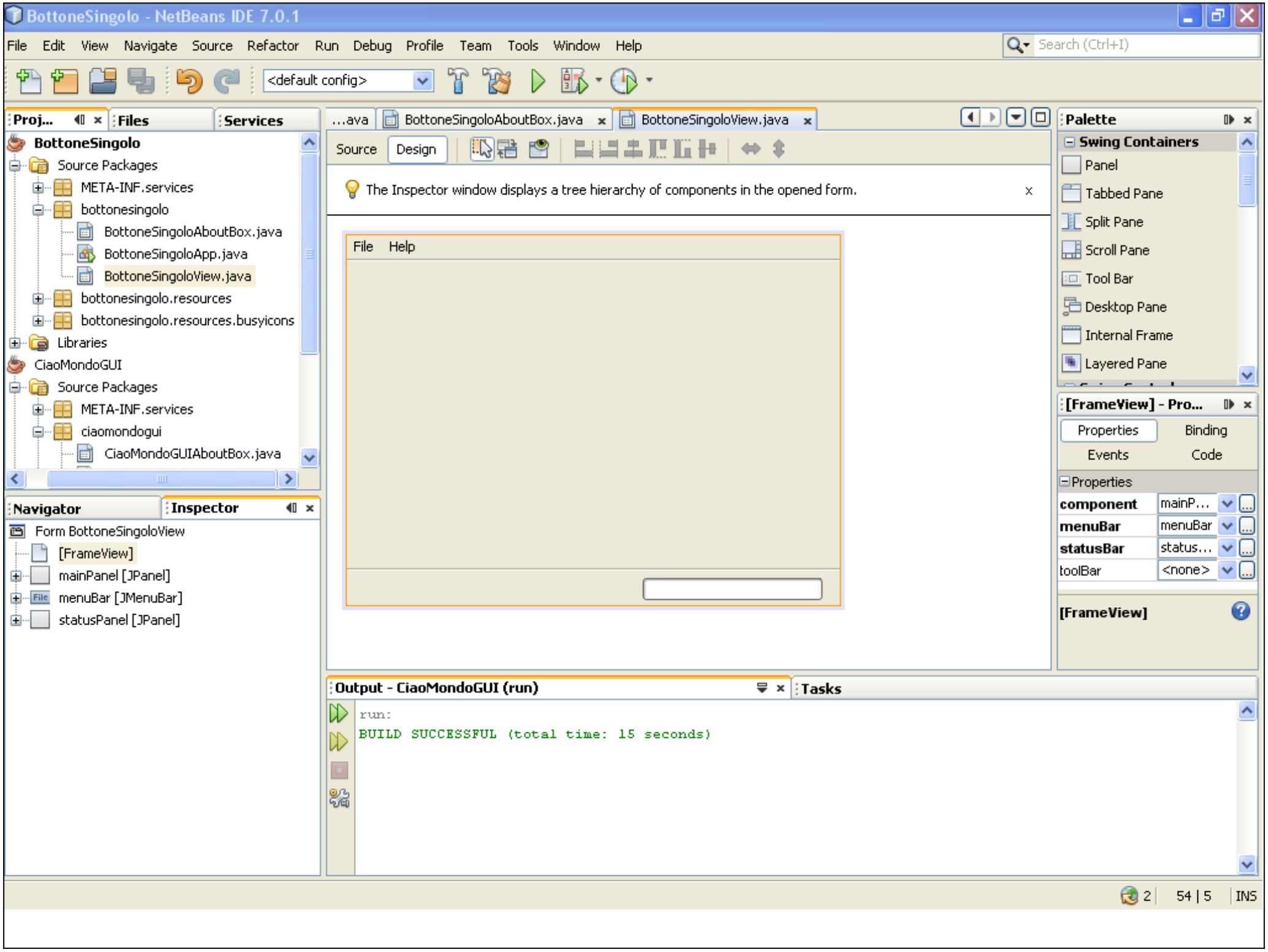
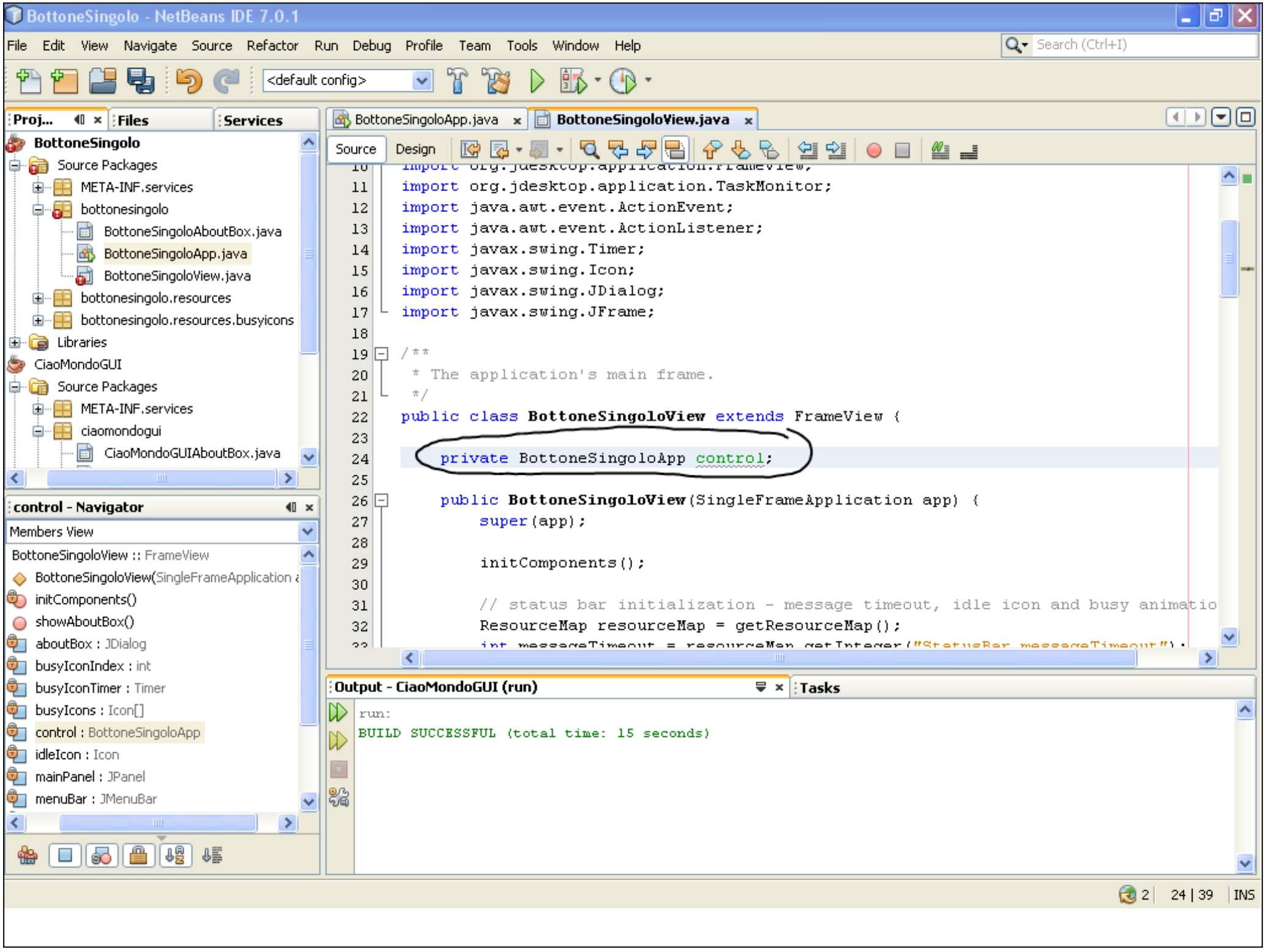
L'oggetto Controller
deve poter accedere all'oggetto di VISTA
e agli oggetti MODEL

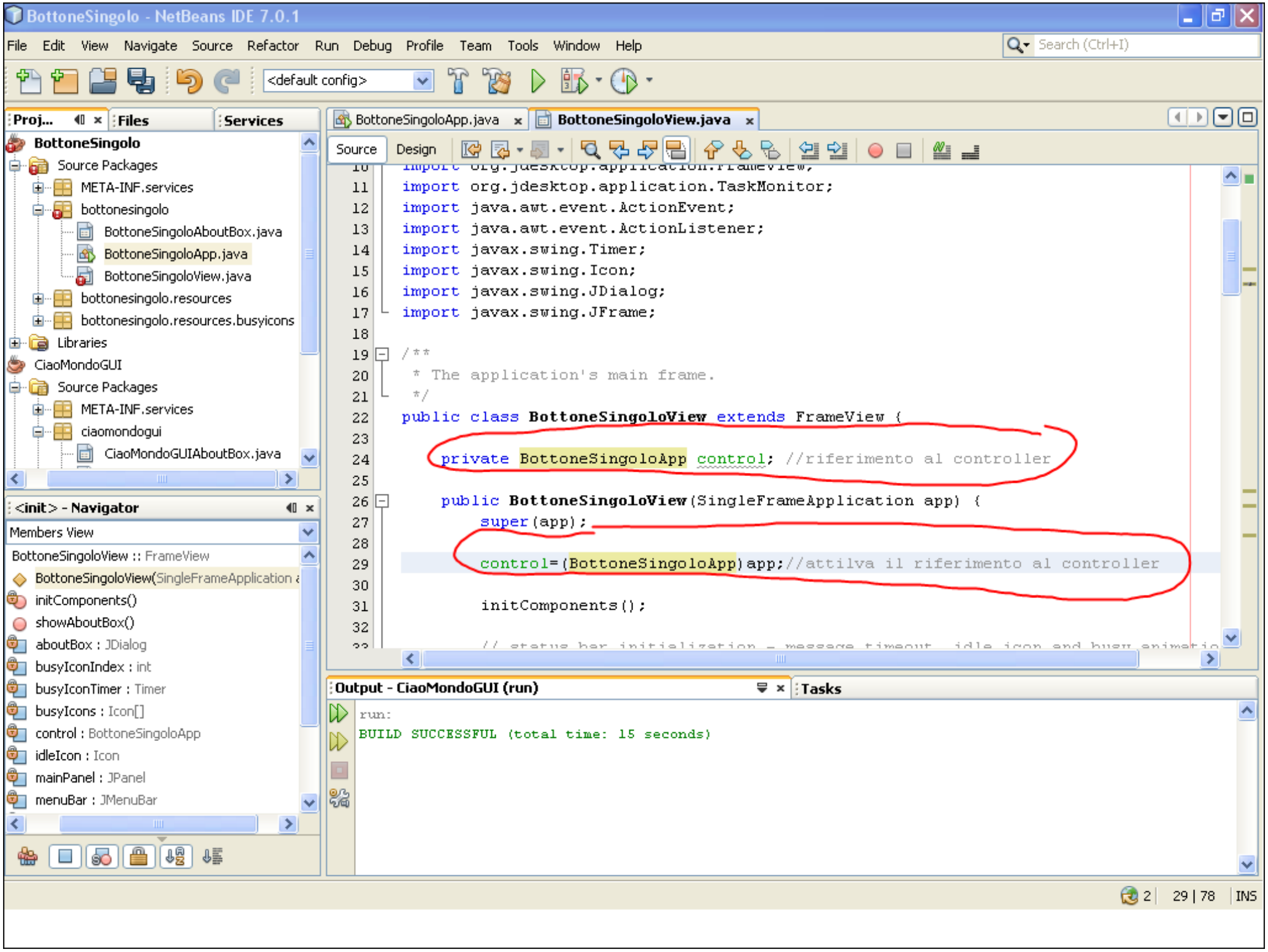
L'oggetto di Vista
deve poter accedere all'oggetto Controller
L'oggetto di vista dispone di metodo
EVENT HANDLER
Ogni metodo handeller manda in esecuzione
il metod. di Control che darà luogo
alla azione richiesta

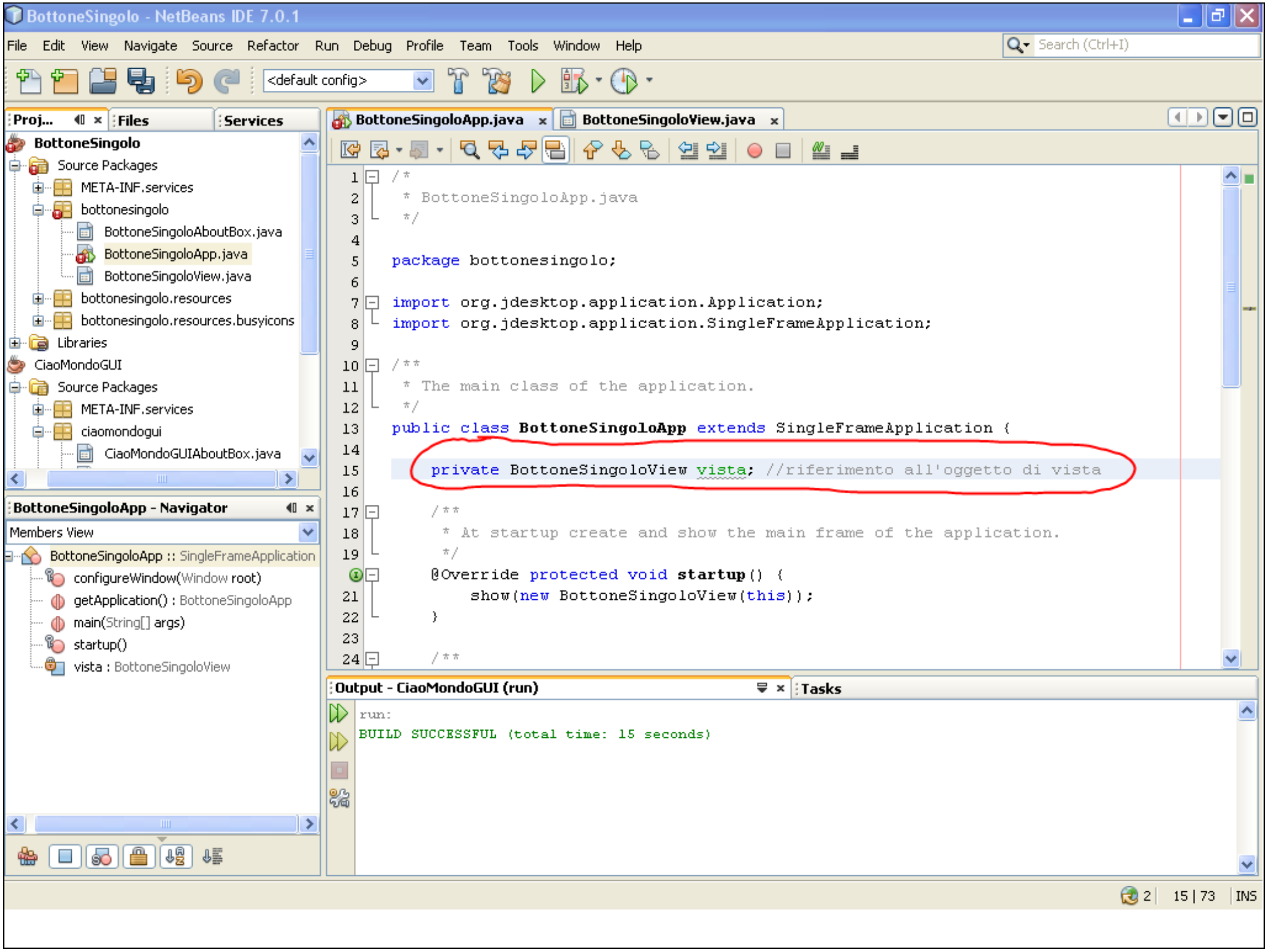

CiaoMondoGUI - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Files
Serv...
Start Page
CiaoMondoGUIApp.java
CiaoMondoGUIView.java
CiaoMondoGUI
Source Packages
META-INF.se
ciaomondogu
CiaoMon
CiaoMon
CiaoMon
ciaomondogu
ciaomondogu
model
Contator
Libraries
incrementaEMostra ...
Members View
CiaoMondoGUIApp ::
configureWindow
getApplication()
incrementaEMost
main(String[] arg
startup()
conta : Contator
vista : CiaoMond
New Project
Steps
1. Choose Project
2. ...
Choose Project
Categories:
Java
Maven
PHP
NetBeans Modules
Samples
Projects:
Java Application
Java Desktop Application
Java Class Library
Java Project with Existing Sources
Java Free-Form Project
Description:
Creates a skeleton of a desktop application based on the Swing Application Framework (JSR 296). This template provides basic application infrastructure such as a menu bar, persisting of window state, and status bar. With this template, you can also generate code to create a GUI interface for a database table.
< Back
Next >
Finish
Cancel
Help
2
54 | 5
INS

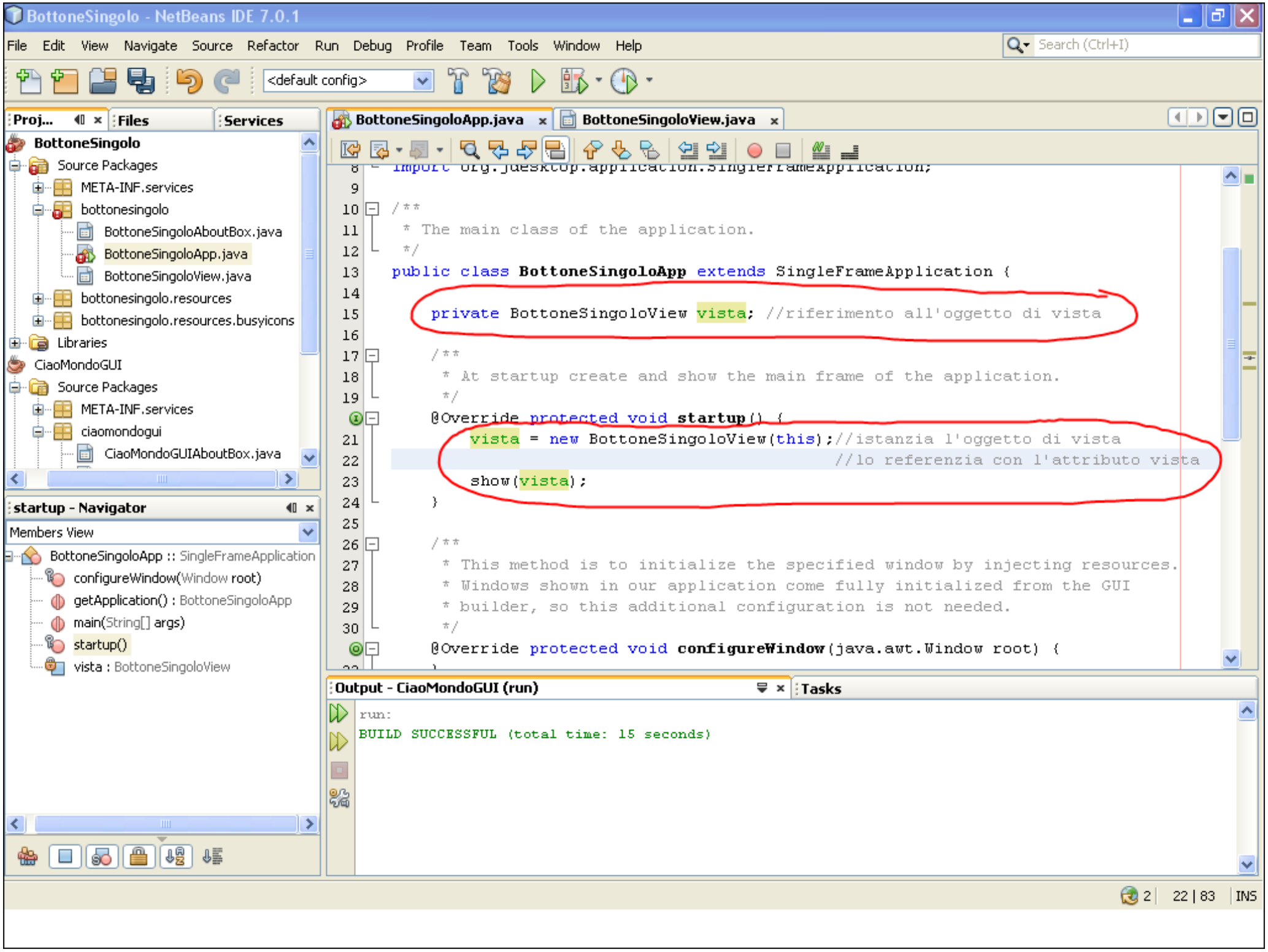

CiaoMondoGUI - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Files
Serv...
Start Page
CiaoMondoGUIApp.java
CiaoMondoGUIView.java
CiaoMondoGUI
Source Packages
META-INF.se
ciaomondogu
CiaoMon
CiaoMon
CiaoMon
ciaomondogu
ciaomondogu
model
Contator
Libraries
New Desktop Application
Steps
1. Choose Project
2. Disclaimer
3. Name and Location
Name and Location
Project Name: BottoneSingolo
Project Location: Settings\studente.LAVAG106\Documenti\NetBeansProjects
Browse...
Project Folder: \te.LAVAG106\Documenti\NetBeansProjects\BottoneSingolo
Application Class: bottonesingolo.BottoneSingoloApp
Choose Application Shell
Basic Application
Database Application
A basic application skeleton containing everything needed to start with a general desktop application, such as the following:
main frame with a menu bar and status bar
About box
main Application class
Use Dedicated Folder for Storing Libraries
Libraries Folder:
Browse...
Different users and projects can share the same compilation libraries (see Help for details).
Set as Main Project
< Back
Next >
Finish
Cancel
Help
incrementaEMostra ...
Members View
CiaoMondoGUIApp ::
configureWindow
getApplication()
incrementaEMost
main(String[] arg
startup()
conta : Contator
vista : CiaoMond
54 | 5
INS


BottoneSingolo - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Proj... Files Services
BottoneSingolo
Source Packages
META-INF.services
bottonesingolo
BottoneSingoloAboutBox.java
BottoneSingoloApp.java
BottoneSingoloView.java
bottonesingolo.resources
bottonesingolo.resources.busyicons
Libraries
CiaoMondoGUI
Source Packages
META-INF.services
ciaomondogui
CiaoMondoGUIAboutBox.java
...ava
BottoneSingoloAboutBox.java
BottoneSingoloView.java
Source Design
The Inspector window displays a tree hierarchy of components in the opened form.
File Help
Palette
Swing Containers
Panel
Tabbed Pane
Split Pane
Scroll Pane
Tool Bar
Desktop Pane
Internal Frame
Layered Pane
[FrameView] - Pro...
Properties Binding
Events Code
Properties
component mainP...
menuBar menuBar
statusBar status...
toolBar <none>
[FrameView]
Navigator
Inspector
Form BottoneSingoloView
[FrameView]
mainPanel [JPanel]
menuBar [JMenuBar]
statusPanel [JPanel]
Output - CiaoMondoGUI (run)
Tasks
run:
BUILD SUCCESSFUL (total time: 15 seconds)
2
54 | 5
INS


BottoneSingolo - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Proj... Files Services
BottoneSingolo
Source Packages
META-INF.services
bottonesingolo
BottoneSingoloAboutBox.java
BottoneSingoloApp.java
BottoneSingoloView.java
bottonesingolo.resources
bottonesingolo.resources.busyicons
Libraries
CiaoMondoGUI
Source Packages
META-INF.services
ciaomondogui
CiaoMondoGUIAboutBox.java
control - Navigator
Members View
BottoneSingoloView :: FrameView
BottoneSingoloView(SingleFrameApplication
initComponents()
showAboutBox()
aboutBox : JDialog
busyIconIndex : int
busyIconTimer : Timer
busyIcons : Icon[]
control : BottoneSingoloApp
idleIcon : Icon
mainPanel : JPanel
menuBar : JMenuBar
BottoneSingoloApp.java
BottoneSingoloView.java
Source Design
11 import org.jdesktop.application.TaskMonitor;
12 import java.awt.event.ActionEvent;
13 import java.awt.event.ActionListener;
14 import javax.swing.Timer;
15 import javax.swing.Icon;
16 import javax.swing.JDialog;
17 import javax.swing.JFrame;
18
19 /**
20 * The application's main frame.
21 */
22 public class BottoneSingoloView extends FrameView {
23
24 private BottoneSingoloApp control;
25
26 public BottoneSingoloView(SingleFrameApplication app) {
27 super(app);
28
29 initComponents();
30
31 // status bar initialization - message timeout, idle icon and busy animatio
32 ResourceMap resourceMap = getResourceMap();
Output - CiaoMondoGUI (run)
Tasks
run:
BUILD SUCCESSFUL (total time: 15 seconds)
2 24 | 39 INS


BottoneSingolo - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Proj... Files Services
BottoneSingolo
Source Packages
META-INF.services
bottonesingolo
BottoneSingoloAboutBox.java
BottoneSingoloApp.java
BottoneSingoloView.java
bottonesingolo.resources
bottonesingolo.resources.busyicons
Libraries
CiaoMondoGUI
Source Packages
META-INF.services
ciaomondogui
CiaoMondoGUIAboutBox.java
<init> - Navigator
Members View
BottoneSingoloView :: FrameView
BottoneSingoloView(SingleFrameApplication
initComponents()
showAboutBox()
aboutBox : JDialog
busyIconIndex : int
busyIconTimer : Timer
busyIcons : Icon[]
control : BottoneSingoloApp
idleIcon : Icon
mainPanel : JPanel
menuBar : JMenuBar
BottoneSingoloApp.java
BottoneSingoloView.java
Source Design
11 import org.jdesktop.application.TaskMonitor;
12 import java.awt.event.ActionEvent;
13 import java.awt.event.ActionListener;
14 import javax.swing.Timer;
15 import javax.swing.Icon;
16 import javax.swing.JDialog;
17 import javax.swing.JFrame;
18
19 /**
20 * The application's main frame.
21 */
22 public class BottoneSingoloView extends FrameView {
23
24 private BottoneSingoloApp control; //riferimento al controller
25
26 public BottoneSingoloView(SingleFrameApplication app) {
27 super(app);
28
29 control=(BottoneSingoloApp)app;//attilva il riferimento al controller
30
31 initComponents();
32
Output - CiaoMondoGUI (run)
Tasks
run:
BUILD SUCCESSFUL (total time: 15 seconds)
2 29 | 78 INS


BottoneSingolo - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Proj... Files Services
BottoneSingolo
Source Packages
META-INF.services
bottonesingolo
BottoneSingoloAboutBox.java
BottoneSingoloApp.java
BottoneSingoloView.java
bottonesingolo.resources
bottonesingolo.resources.busyicons
Libraries
CiaoMondoGUI
Source Packages
META-INF.services
ciaomondogui
CiaoMondoGUIAboutBox.java
BottoneSingoloApp - Navigator
Members View
BottoneSingoloApp :: SingleFrameApplication
configureWindow(Window root)
getApplication() : BottoneSingoloApp
main(String[] args)
startup()
vista : BottoneSingoloView
BottoneSingoloApp.java
BottoneSingoloView.java
1 /*
2 * BottoneSingoloApp.java
3 */
4
5 package bottonesingolo;
6
7 import org.jdesktop.application.Application;
8 import org.jdesktop.application.SingleFrameApplication;
9
10 /**
11 * The main class of the application.
12 */
13 public class BottoneSingoloApp extends SingleFrameApplication {
14
15 private BottoneSingoloView vista; //riferimento all'oggetto di vista
16
17 /**
18 * At startup create and show the main frame of the application.
19 */
20 @Override protected void startup() {
21 show(new BottoneSingoloView(this));
22 }
23
24 /**
Output - CiaoMondoGUI (run)
Tasks
run:
BUILD SUCCESSFUL (total time: 15 seconds)
2 15 | 73 INS


BottoneSingolo - NetBeans IDE 7.0.1
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Proj... Files Services
BottoneSingolo
Source Packages
META-INF.services
bottonesingolo
BottoneSingoloAboutBox.java
BottoneSingoloApp.java
BottoneSingoloView.java
bottonesingolo.resources
bottonesingolo.resources.busyicons
Libraries
CiaoMondoGUI
Source Packages
META-INF.services
ciaomondogui
CiaoMondoGUIAboutBox.java
startup - Navigator
Members View
BottoneSingoloApp :: SingleFrameApplication
configureWindow(Window root)
getApplication() : BottoneSingoloApp
main(String[] args)
startup()
vista : BottoneSingoloView
BottoneSingoloApp.java
BottoneSingoloView.java
import org.jdesktop.application.SingleFrameApplication;
/**
* The main class of the application.
*/
public class BottoneSingoloApp extends SingleFrameApplication {
private BottoneSingoloView vista; //riferimento all'oggetto di vista
/**
* At startup create and show the main frame of the application.
*/
@Override protected void startup() {
vista = new BottoneSingoloView(this);//istanzia l'oggetto di vista
//lo referenzia con l'attributo vista
show(vista);
}
/**
* This method is to initialize the specified window by injecting resources.
* Windows shown in our application come fully initialized from the GUI
* builder, so this additional configuration is not needed.
*/
@Override protected void configureWindow(java.awt.Window root) {
Output - CiaoMondoGUI (run)
Tasks
run:
BUILD SUCCESSFUL (total time: 15 seconds)
2 22 | 83 INS