

BUSCA AUTOMATICA DE CEP

-  Welcome
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-  Show Active Keybindings... Ctrl+Shift+L
-  Cheat Sheets...
-  Eclipse User Storage Open the Eclipse Marketplace wizard
-  Perform Setup Tasks...
-  Check for Updates
-  Install New Software...
-  Eclipse Marketplace...
-  About Eclipse IDE
-  Donate
-  Contribute

Instalar plugin no eclipse



Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.

Press the "more info" link to learn more about a solution.

Search Recent Popular Favorites Installed Giving IoT an Edge

Find: Go

All Markets

All Categories

Featured

Java 18 Support for Eclipse 2022-03 (4.23)



Promoted - This marketplace solution provides Java 18 support for Eclipse 2022-03 (4.23). To install the feature place ensure you have the latest Eclipse release, which is... [more info](#)

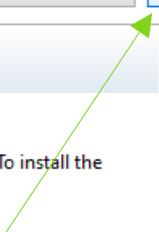
by [Eclipse Foundation](#), EPL 2.0
[Java 18 JDT](#)

★ 37



Installs: 24,6K (0 last month)

Install



Eclipse Web Developer Tools 3.26



Promoted - Includes the HTML, CSS, and JSON Editors, and JavaScript Development Tools from the Eclipse Web Tools Platform project, aimed at supporting client-side web... [more info](#)

by [The Eclipse Foundation](#), EPL
[xml html CSS js JSON](#)

★ 1314



Installs: 534K (15.873 last month)

Installed

Marketplaces



< Back

Install Now >

Finish

Cancel

Eclipse Marketplace

Eclipse Marketplace

Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.

Search Recent Popular Favorites Installed Giving IoT an Edge

Find: window builder All Markets All Categories Go

WindowBuilder 1.9.8

WindowBuilder is composed of SWT Designer and Swing Designer and makes it very easy to create Java GUI applications without spending a lot of time writing code.... [more info](#)

by [Eclipse Foundation](#), EPL
[SWT swing wysiwyg graphical WindowBuilder](#)

839 installs: 801K (11.664 last month)

Install

WindowBuilder Nightly Build 1.9.9.pre

Nightly Build! Install if you want to use the latest patches before a release is available. It can be unstable.
WindowBuilder is composed of SWT Designer and... [more info](#)

by [Eclipse Foundation](#), EPL
[SWT swing wysiwyg graphical WindowBuilder](#)

37 installs: 36,8K (717 last month)

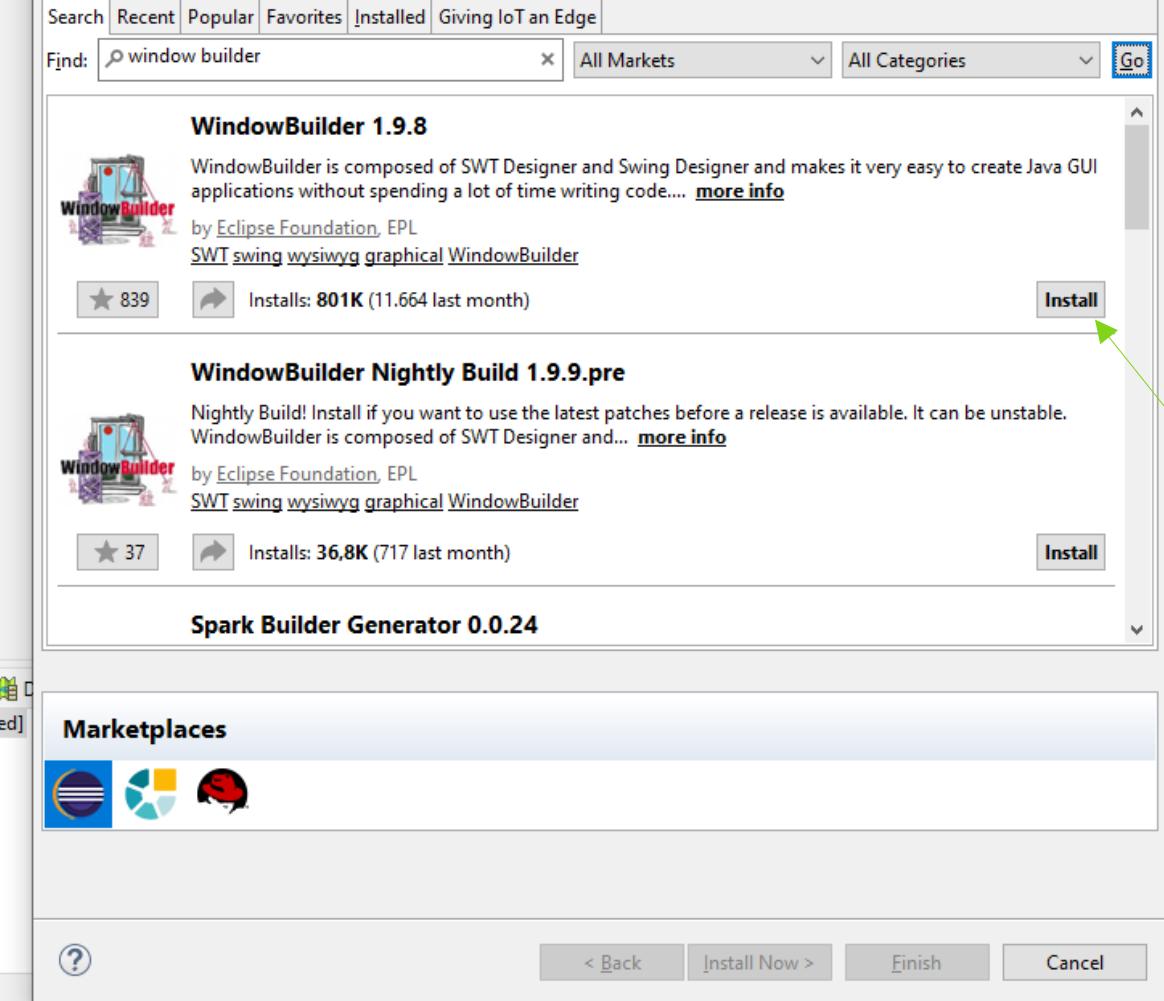
Install

Spark Builder Generator 0.0.24

Marketplaces

?

< Back Install Now > Finish Cancel



Confirm Selected Features

Press Confirm to continue with the installation. Or go back to choose more solutions to install.



- ✓ WindowBuilder 1.9.8 <http://download.eclipse.org/windowbuilder/latest/>
 - ✓ WindowBuilder Core (required)
 - ✓ WindowBuilder Core UI (required)
 - ✓ WindowBuilder Java Core (required)
 - ✓ WindowBuilder Swing Designer (required)
 - ✓ WindowBuilder SWT Designer (required)
 - ✓ WindowBuilder SWT Designer Core (required)
 - ✓ WindowBuilder Core Documentation
 - ✓ WindowBuilder GroupLayout Support
 - ✓ WindowBuilder Swing Designer Documentation
 - ✓ WindowBuilder SWT Designer Documentation**
 - ✓ WindowBuilder SWT Designer SWT_AWT Support



< Install More

Confirm >

Finish

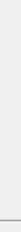
Cancel

Review Licenses

There are no licenses to review. Either the software does not specify a license, or the license has already been reviewed and approved.



Installing Software: (53%)



< Back

Next >

Finish

Cancel

Busca De Cep

WebService CEP - Busque endereço através do CEP por um WebService para ser utilizado em qualquer linguagem de programação!

CEP - Essa informação é de todos!

Utilitários

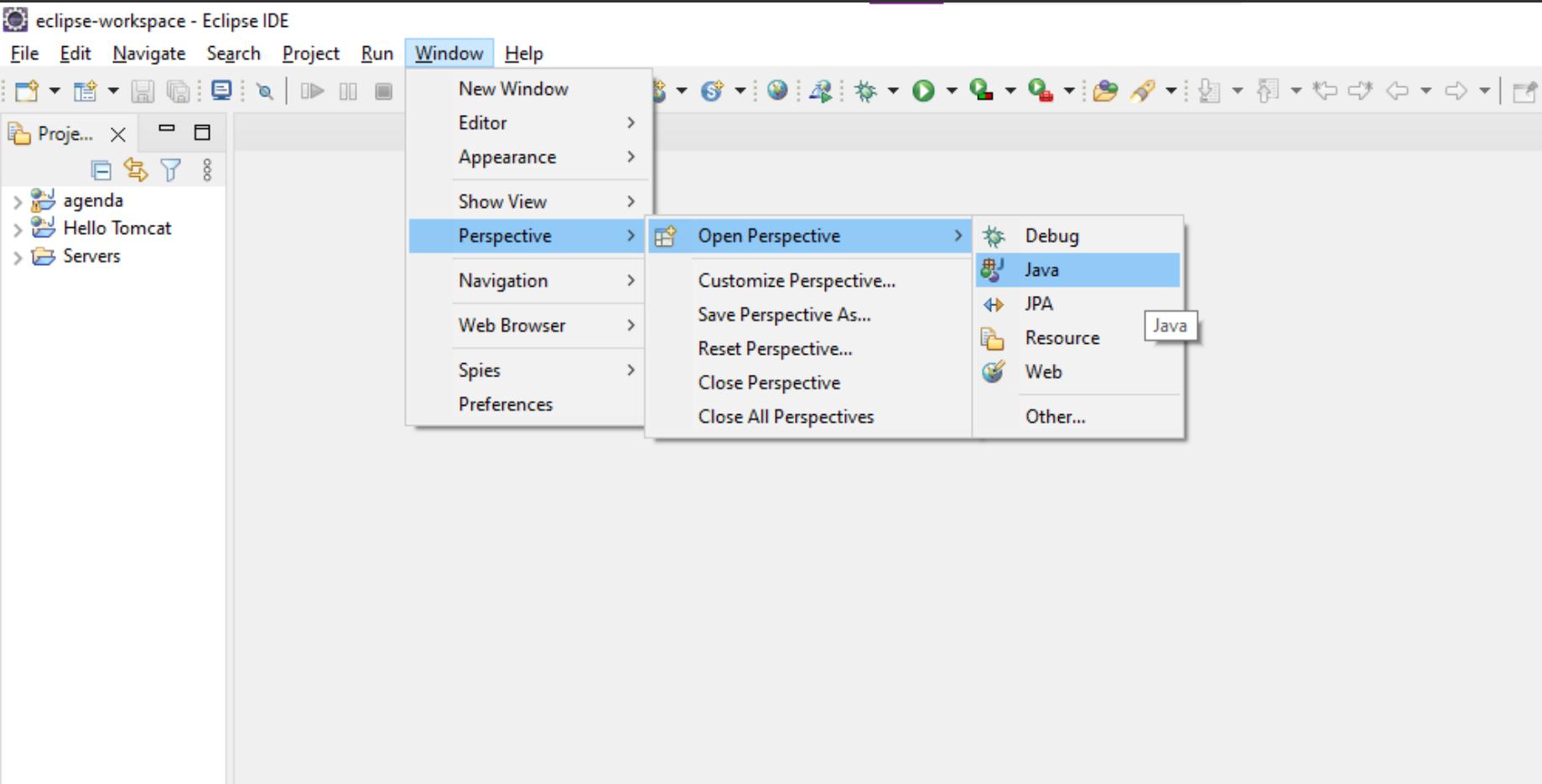
- http request debugger
- conversor on-line base64 / Query String / md5 / sha1
- contador de Caracteres
- testador de expressões regulares (regex, ereg)

Meu Blog

coisas pra não esquecer depois! =)

*Utilizaremos esse web service
Para buscar os ceps
O raciocínio é o mesmo para
Qualquer outro service usaremos
Arquivos xml*

PARTE II





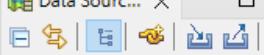
Project Ex... X □ □

- > agenda
- > Hello Tomcat
- > Servers

JPA Structure X □

A JPA structure is not available.

Data Srou... X □ □



Database Connections
ODA Data Sources

- Flat File Data Source
- Web Services Data Sou
- XML Data Source

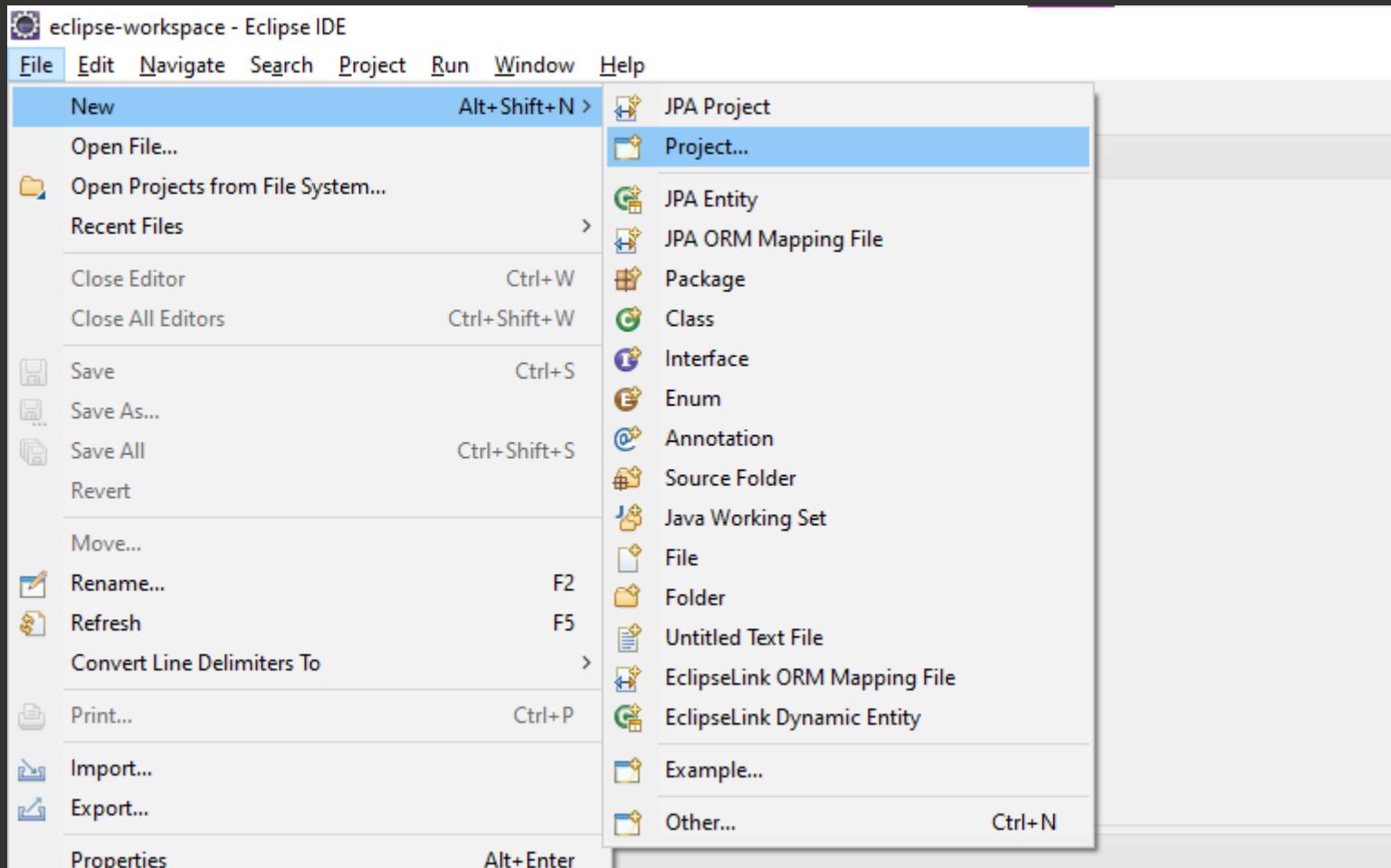
Problems X

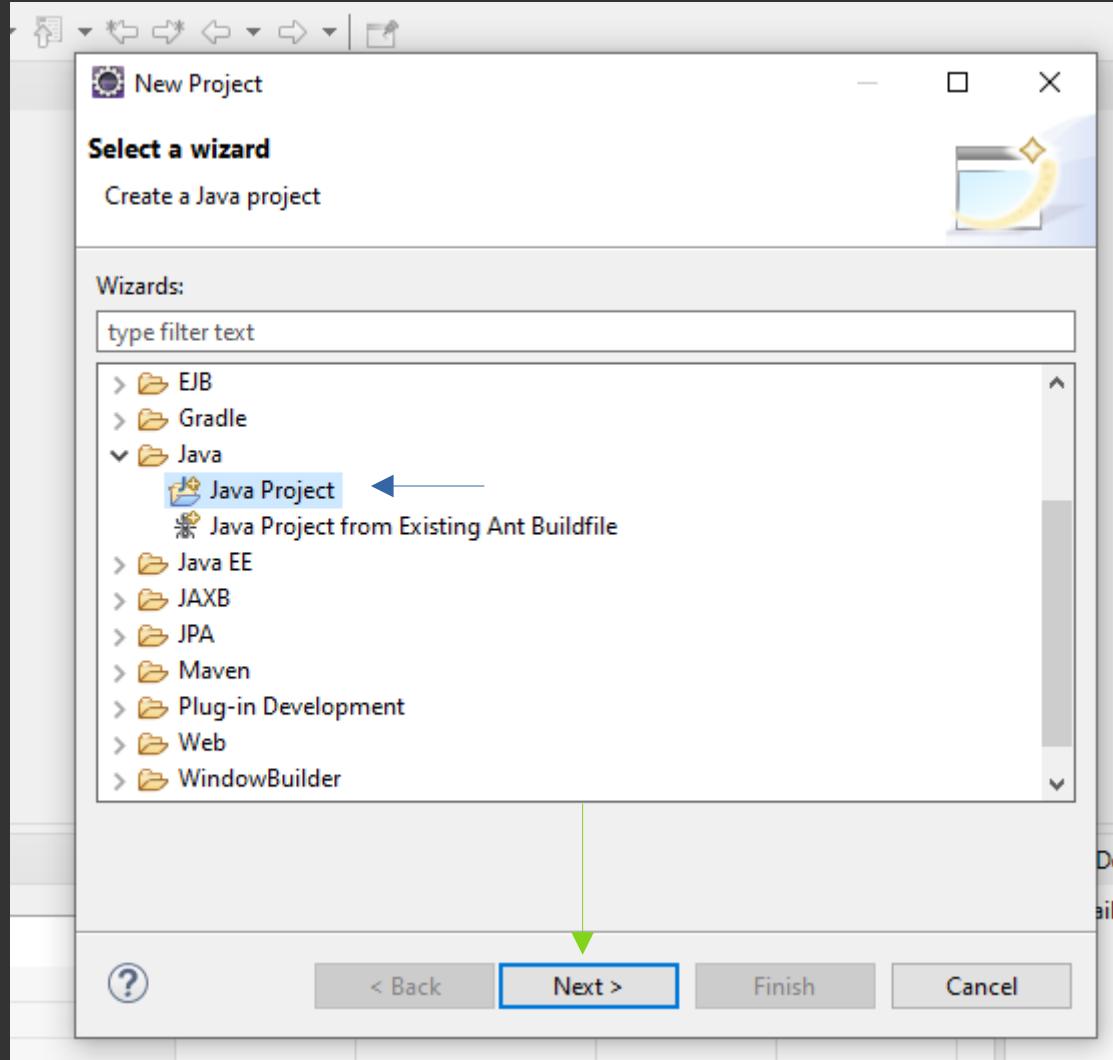
0 errors, 1 warning, 0 others

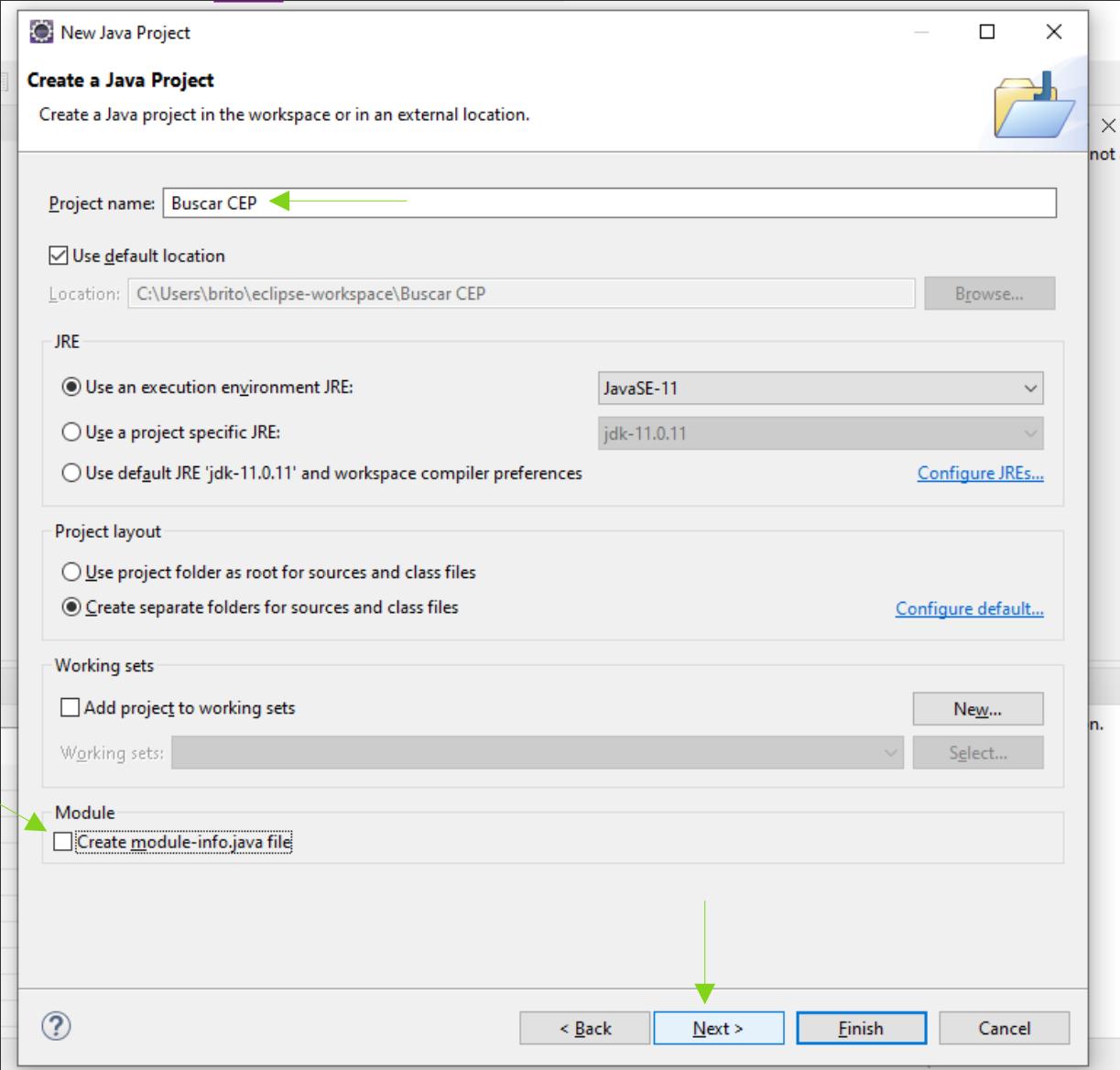
Description	Resource	Path	Location	Type
> ⚠ Warnings (1 item)				

JPA Details X

JPA details are not available for the current selection.









Java Settings

Define the Java build settings.

Source Projects Libraries Order and Export Module Dependencies

Buscar CEP
src

Details

- [Create new source folder](#): use this if you want to add a new source folder to your project.
- [Link additional source](#): use this if you have a folder in the file system that should be used as additional source folder.
- [Add project 'Buscar CEP' to build path](#): Add the project to the build path if the project is the root of packages and source files. Entries on the build path are visible to the compiler and used for building.

Allow output folders for source folders

Default output folder:

Buscar CEP/bin

[Browse...](#)



< Back

Next >

Finish

Cancel

eclipse-workspace - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help



Package Explorer X

New >

- Open in New Window
- Open Type Hierarchy F4
- Show In Alt+Shift+W >
- Show in Local Terminal >

Copy Ctrl+C

Copy Qualified Name

Paste Ctrl+V

Delete Delete

Build Path >

Source Alt+Shift+S >

Refactor Alt+Shift+T >

Import...

Export...

Refresh F5

Assign Working Sets...

Coverage As >

Java Project

Project...

Package

Class

Interface

Create a Java package

Enum

Record

Annotation

Source Folder

Java Working Set

Folder

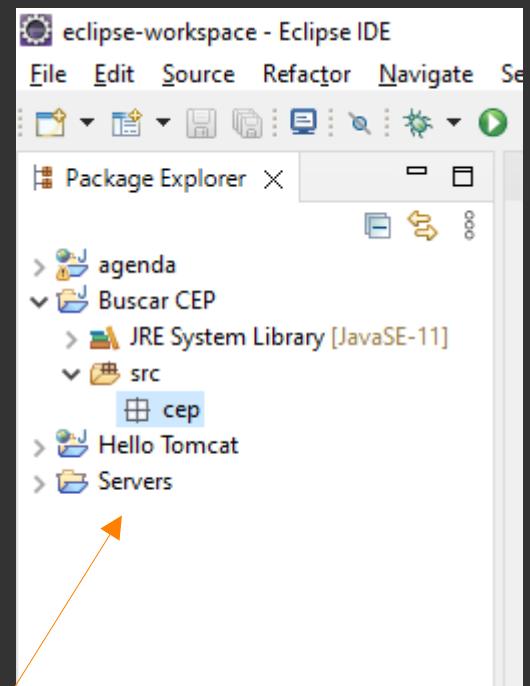
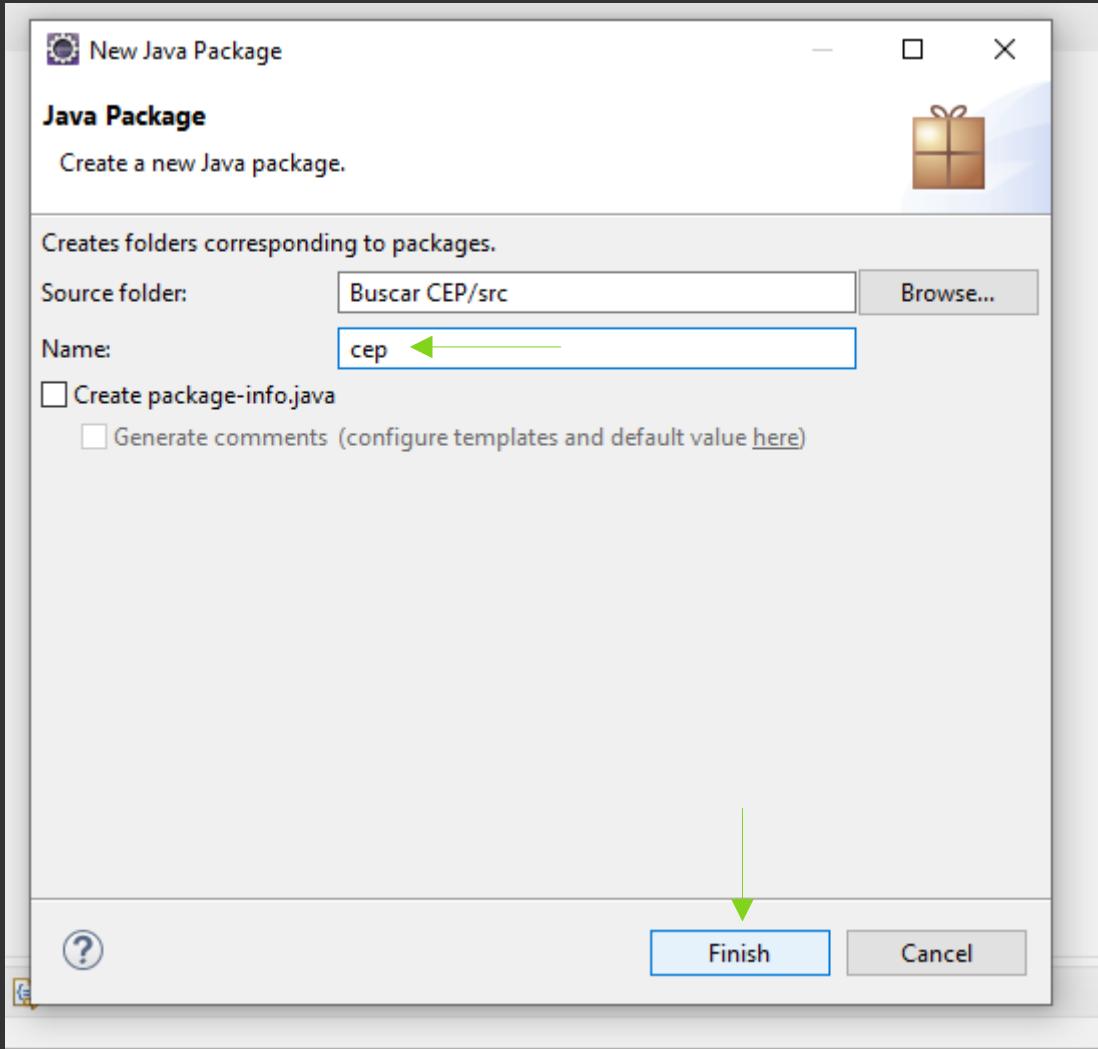
File

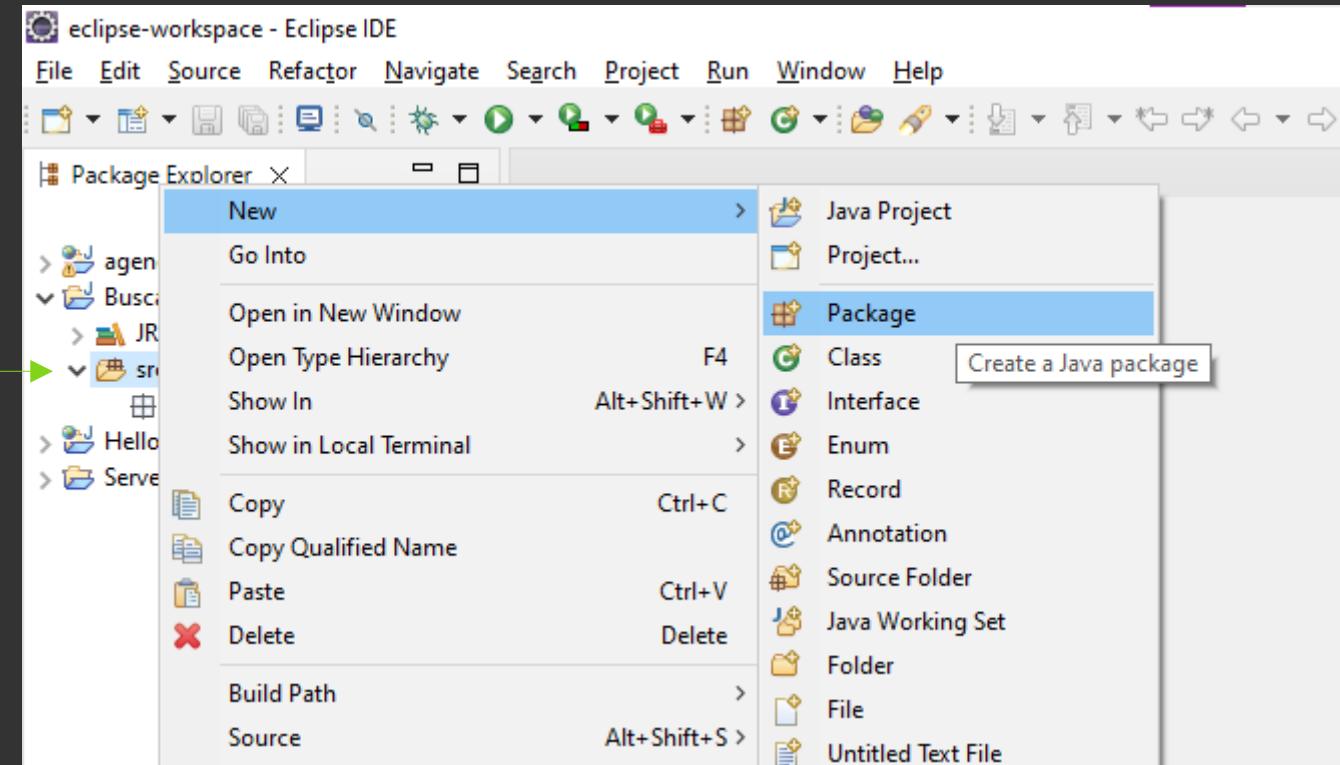
Untitled Text File

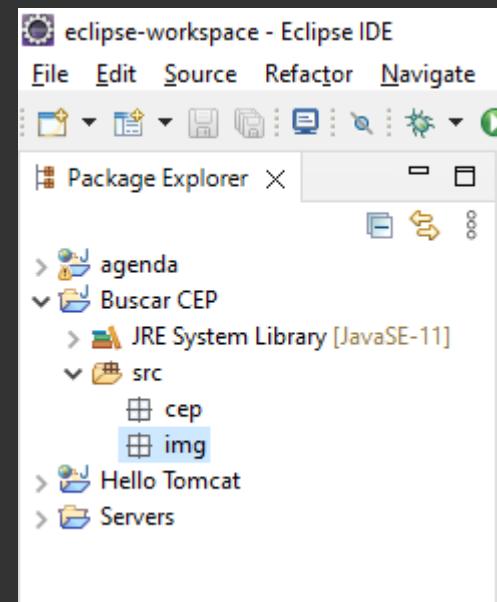
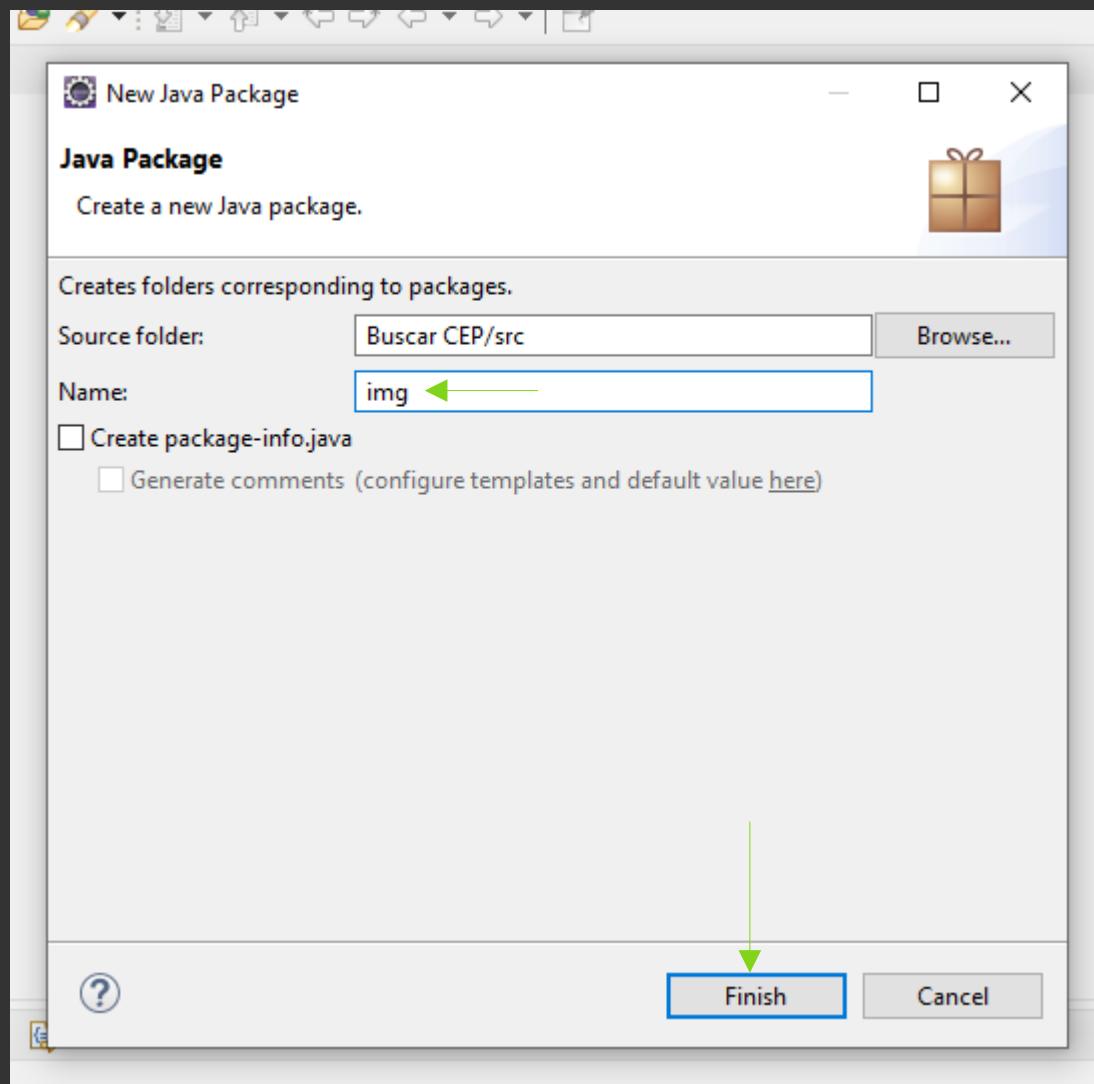
JUnit Test Case

Example...

Other... Ctrl+N









Ícones Ilustrações Ilustrações 3D Designers Preços



Pesquise 6 milhões de ícones, 3D e ilustrações...

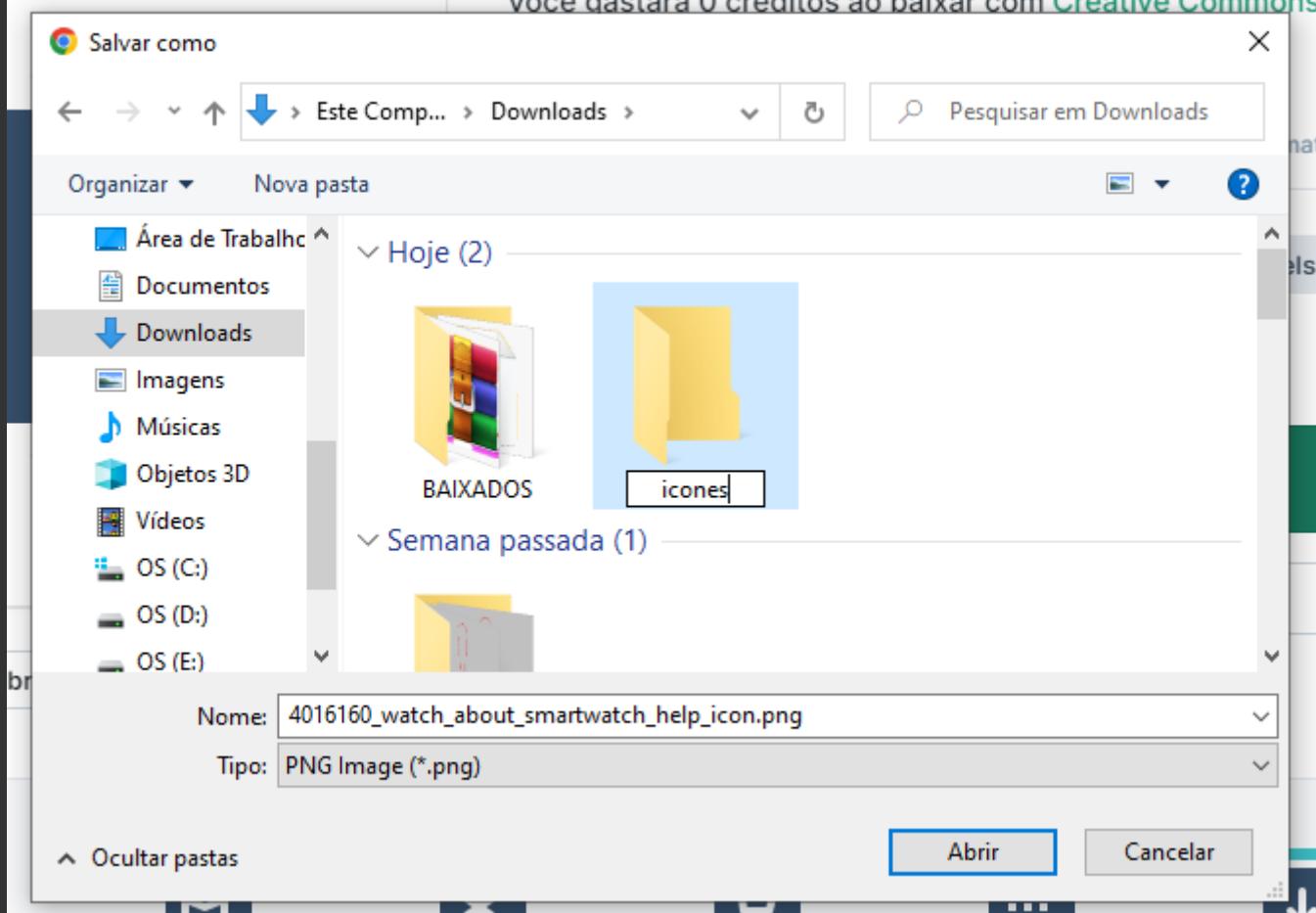
Ícones

Pesquisas populares: [Instagram](#) , [Facebook](#) , [Arrow](#) , [Phone](#) , [Youtube](#) , [User](#) , [Email](#)

Experimente nossa nova página inicial [Novo](#)

Ative a nova página inicial nas opções de recursos beta.

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home

Ícones



Filtros

Escolhas da equipe

Todos os preços

Livre

Prêmio

Todos os estilos

Sólido

Semi-sólido

Contorno

Esboço Preenchido

Mais estilos

casa

página inicial

trabalho em casa

eletrodoméstico _

casa menos

feito em casa



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c++ C++ C++ C C++ VISUAL STUDIO Domestika ASSEMBLY ss64 kernel.org Linux kernel gcc archlinux die.net manpage Outros favoritos

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 Todos os preços
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PNG SVG Outro Ajuda com formatos

48 pixels 64 pixels 128 pixels **256 pixels** 512 pixels

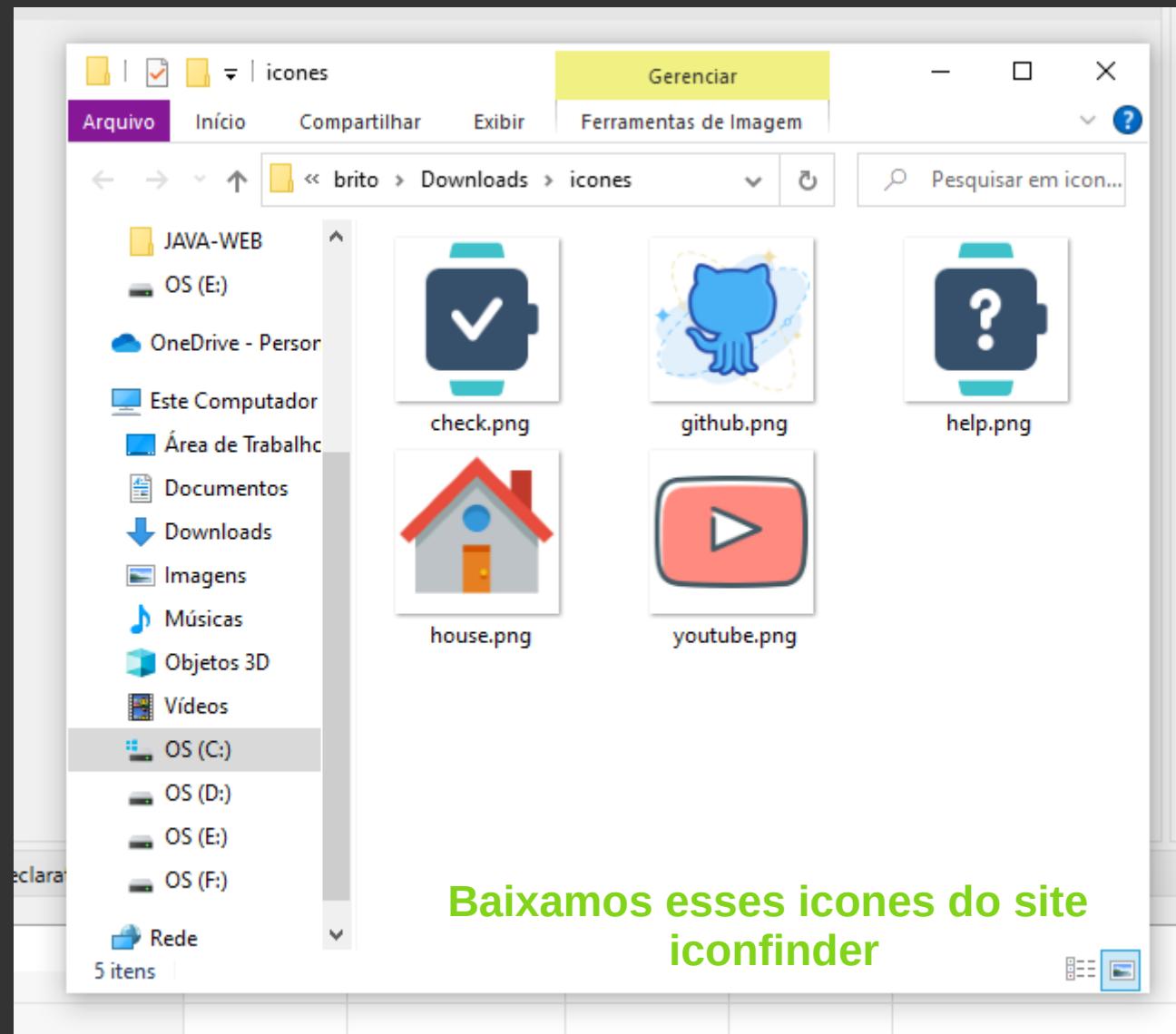
Mais tamanhos

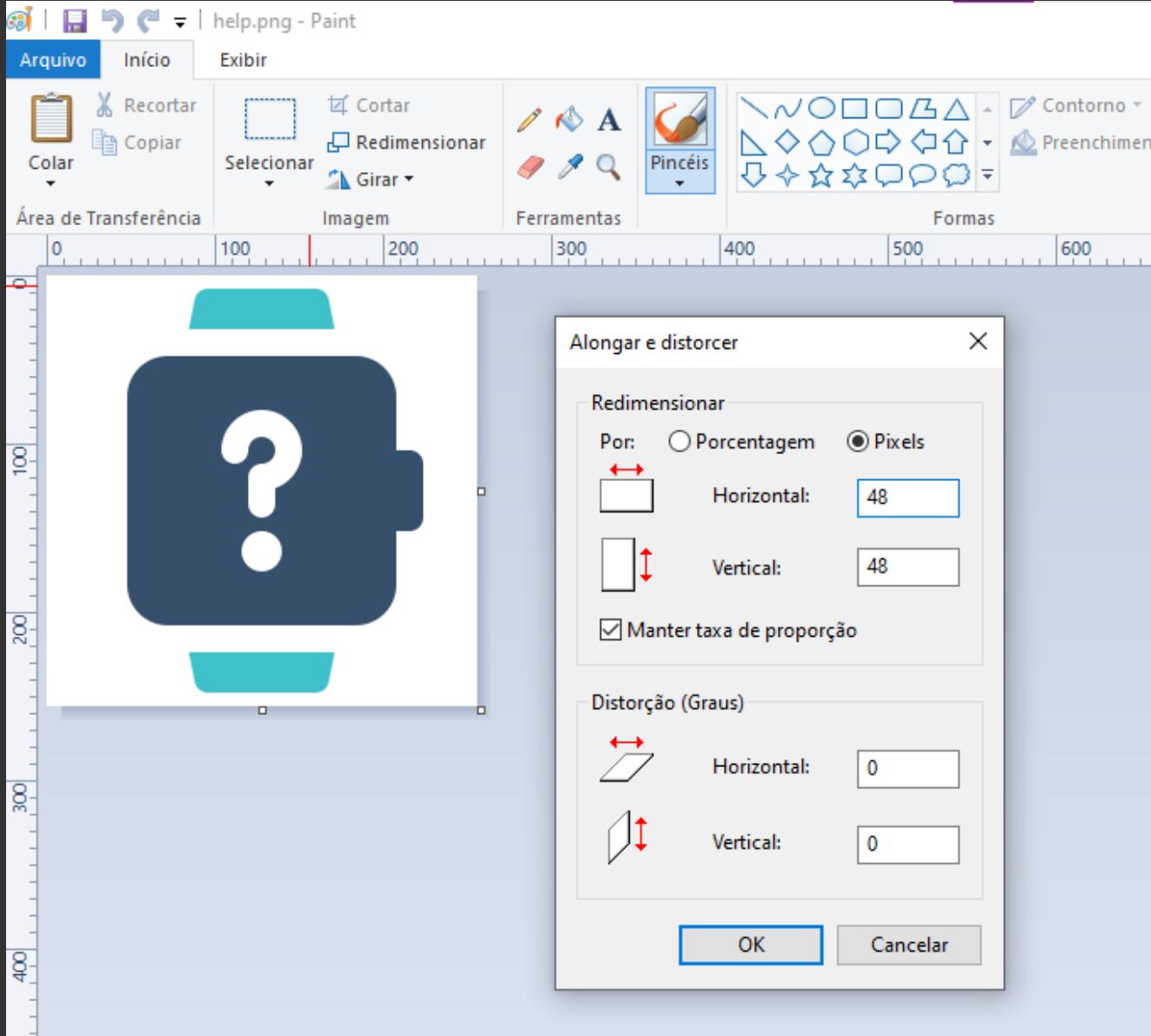
Baixe em PNG 256px

Copie PNG para a área de transferência Alt + P



house.png  github.png  check.png  help.png  Exibir todos





Arquivo

NovoAbrirSalvarSalvar comoImprimirDe scanner ou câmeraEnviar em emailDefinir como tela de fundo da área de trabalho ▾PropriedadesSobre o PaintSair

Salvar como

Imagen PNG

Salve uma foto ou desenho com alta qualidade e use-os no computador ou na Web.

Imagen JPEG

Salve uma foto com boa qualidade e use-a no computador, em emails ou na Web.

Imagen BMP

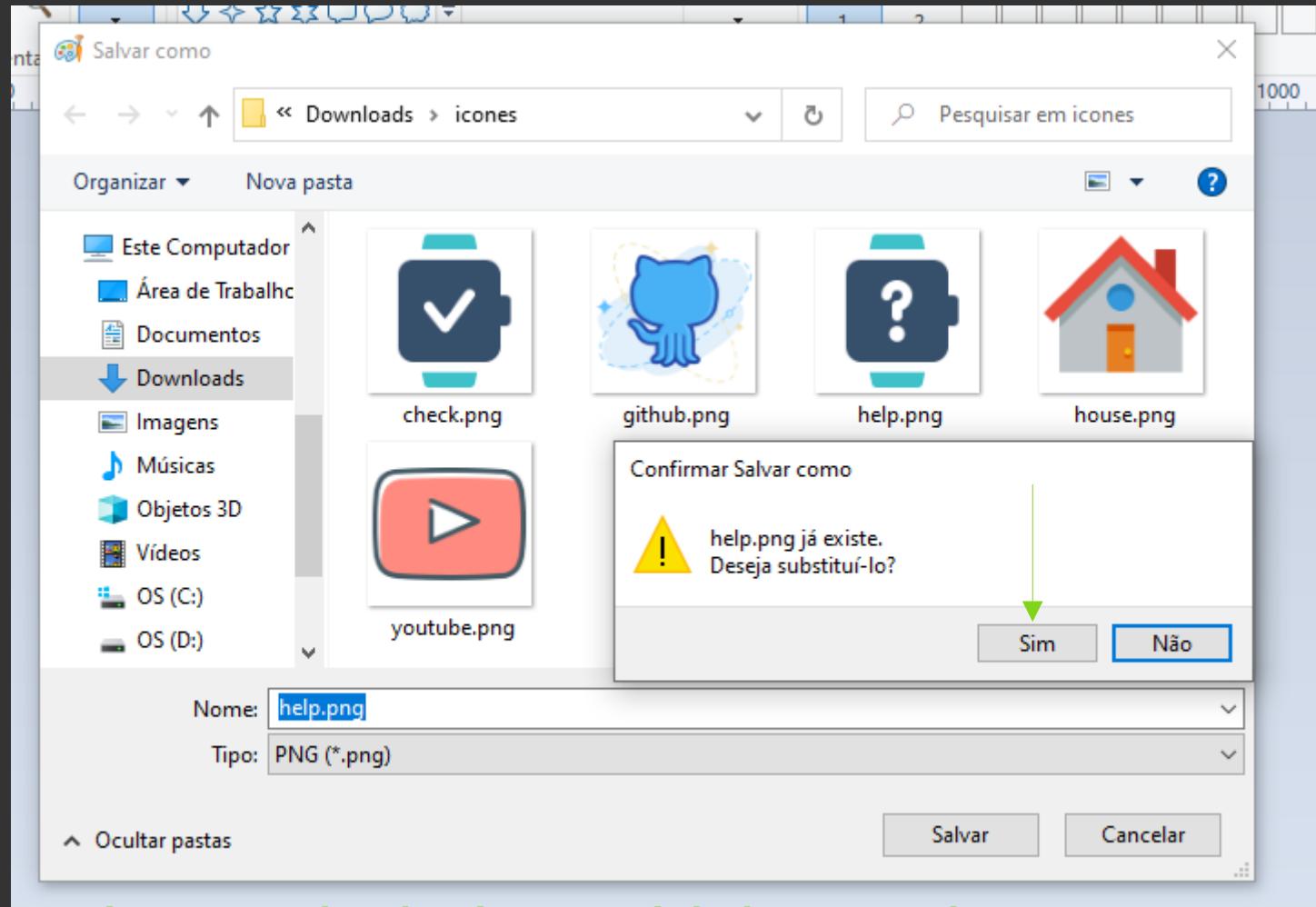
Salve qualquer tipo de imagem com alta qualidade e use-a no computador.

Imagen GIF

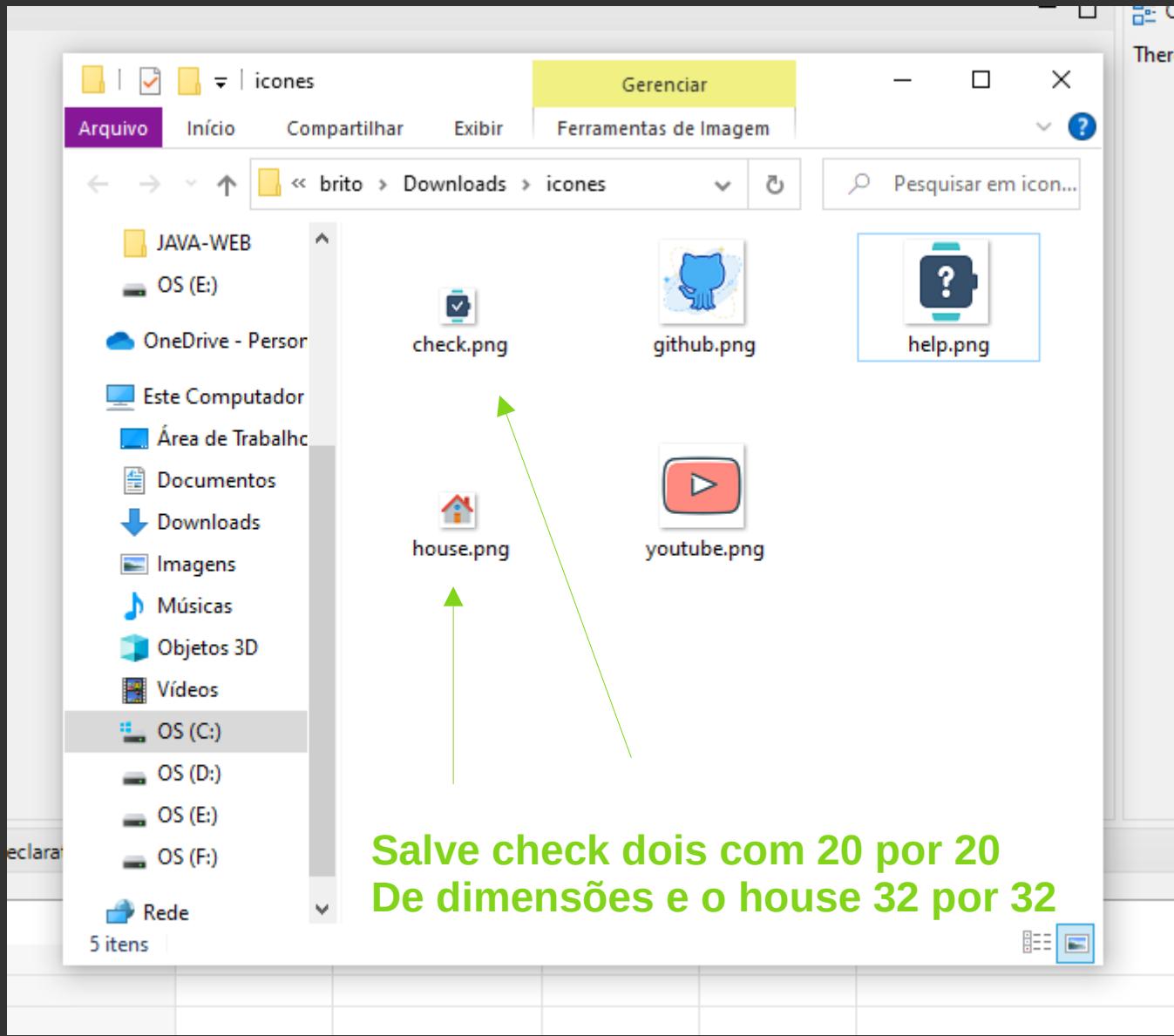
Salve um desenho simples com baixa qualidade e use-o em emails ou na Web.

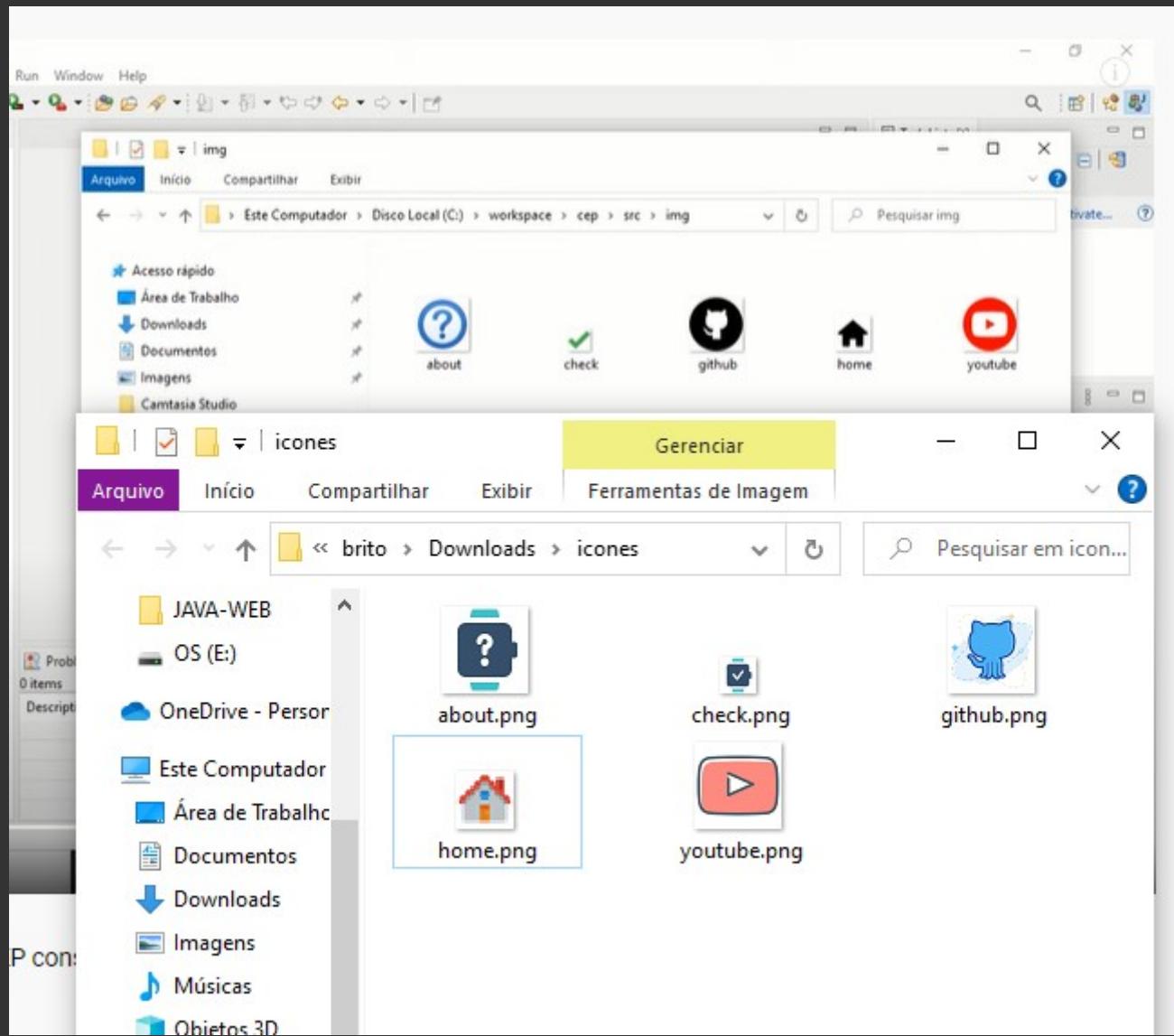
Outros formatos

Abra a caixa de diálogo Salvar Como para selecionar todos os tipos de arquivo possíveis.

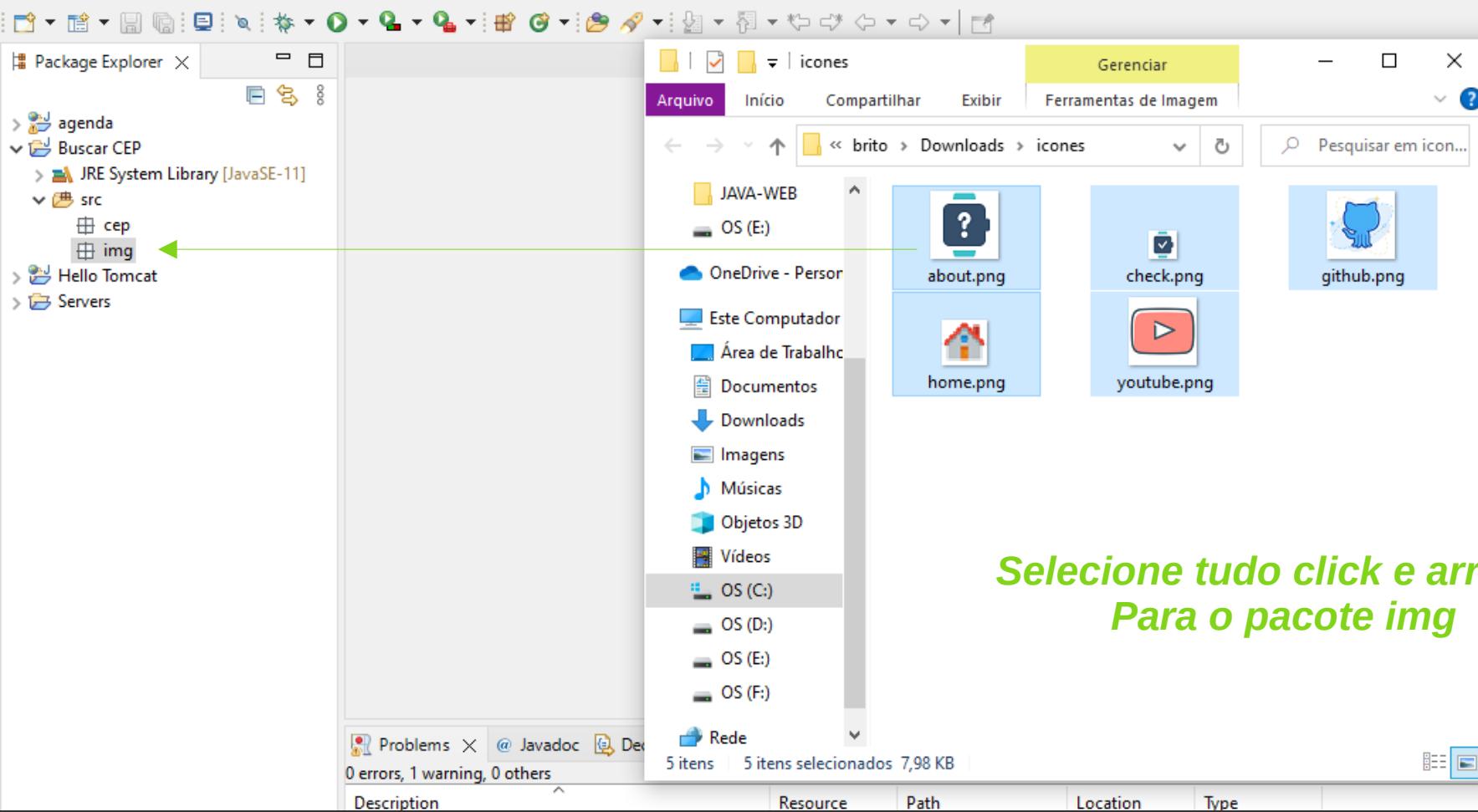


Mude o tamanho dos ícones git help e youtube para 48 por 48
E salve na pasta onde fez o download para substituir

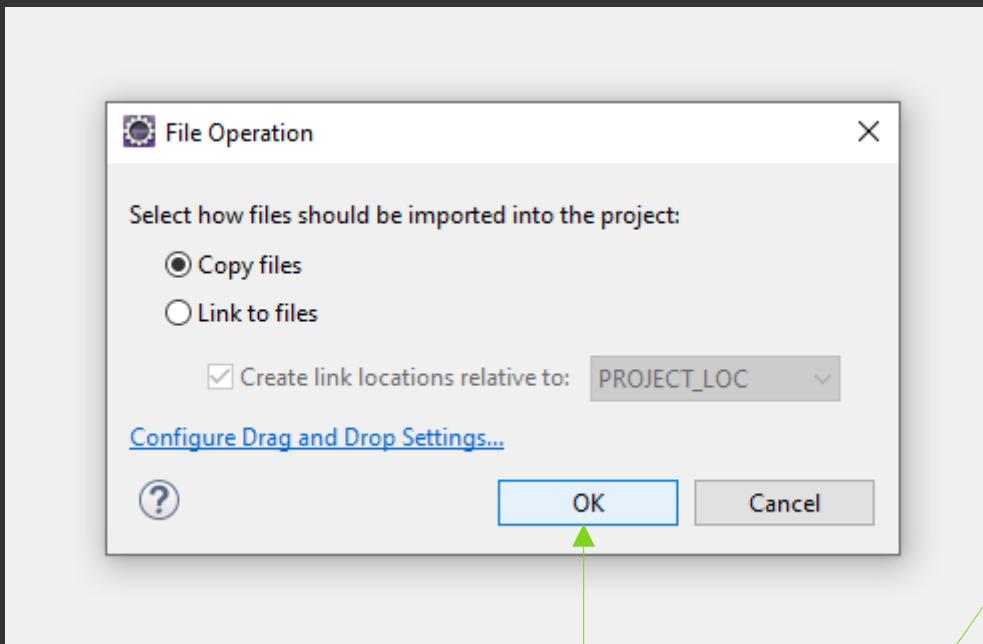
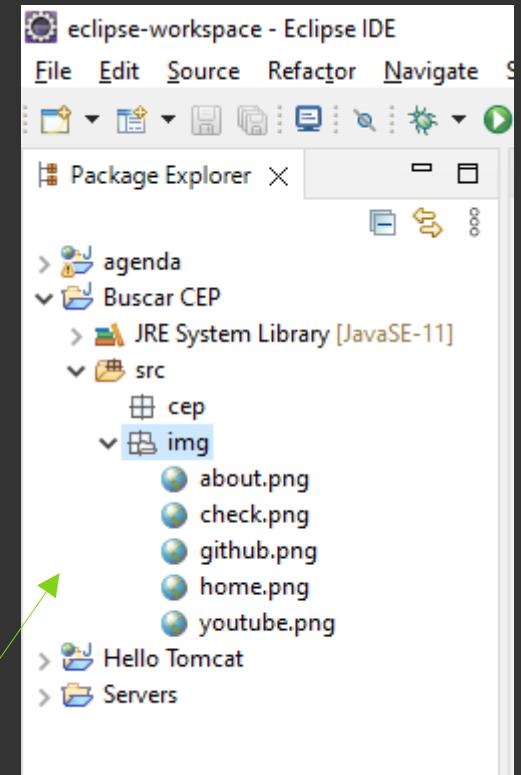


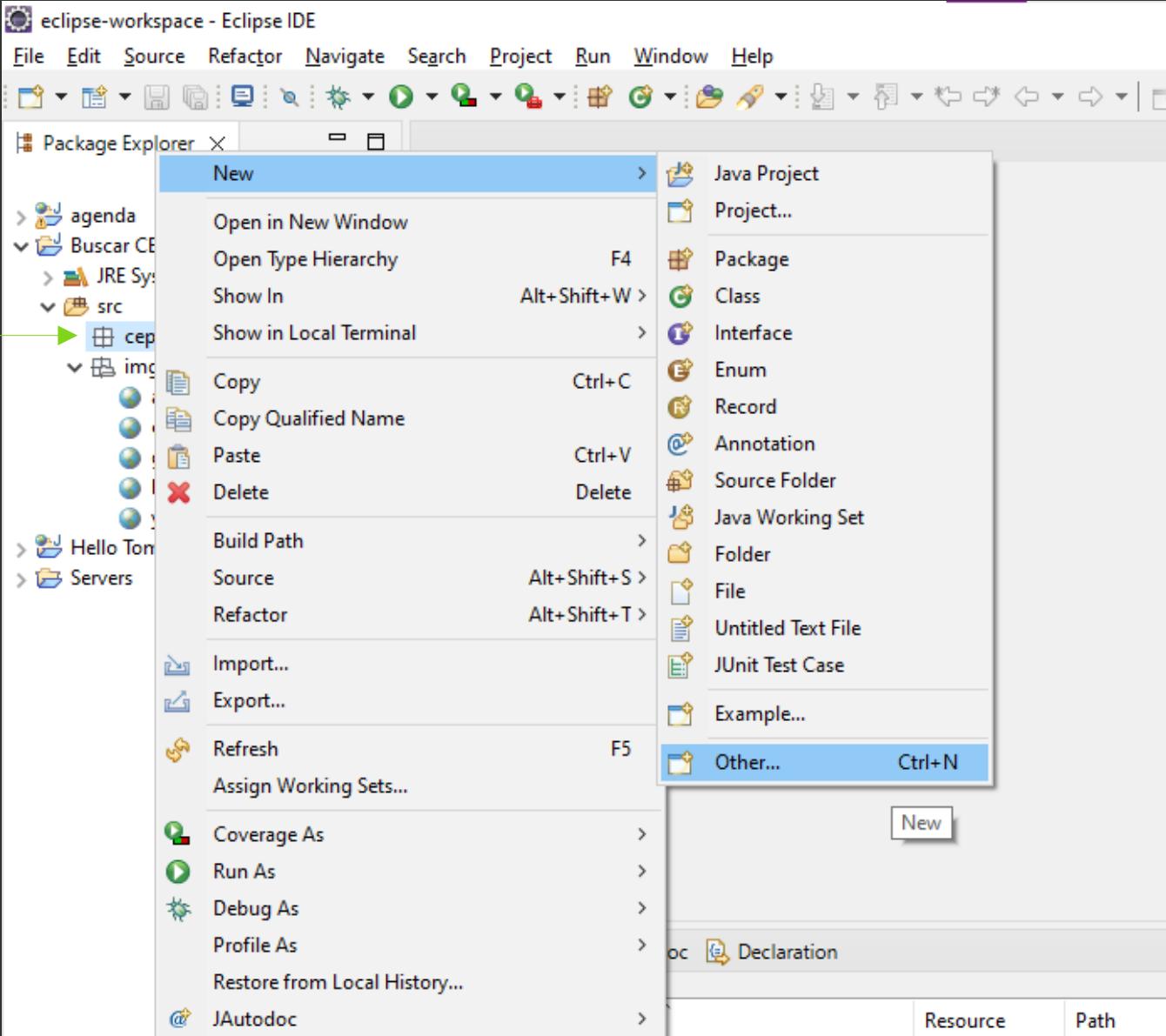


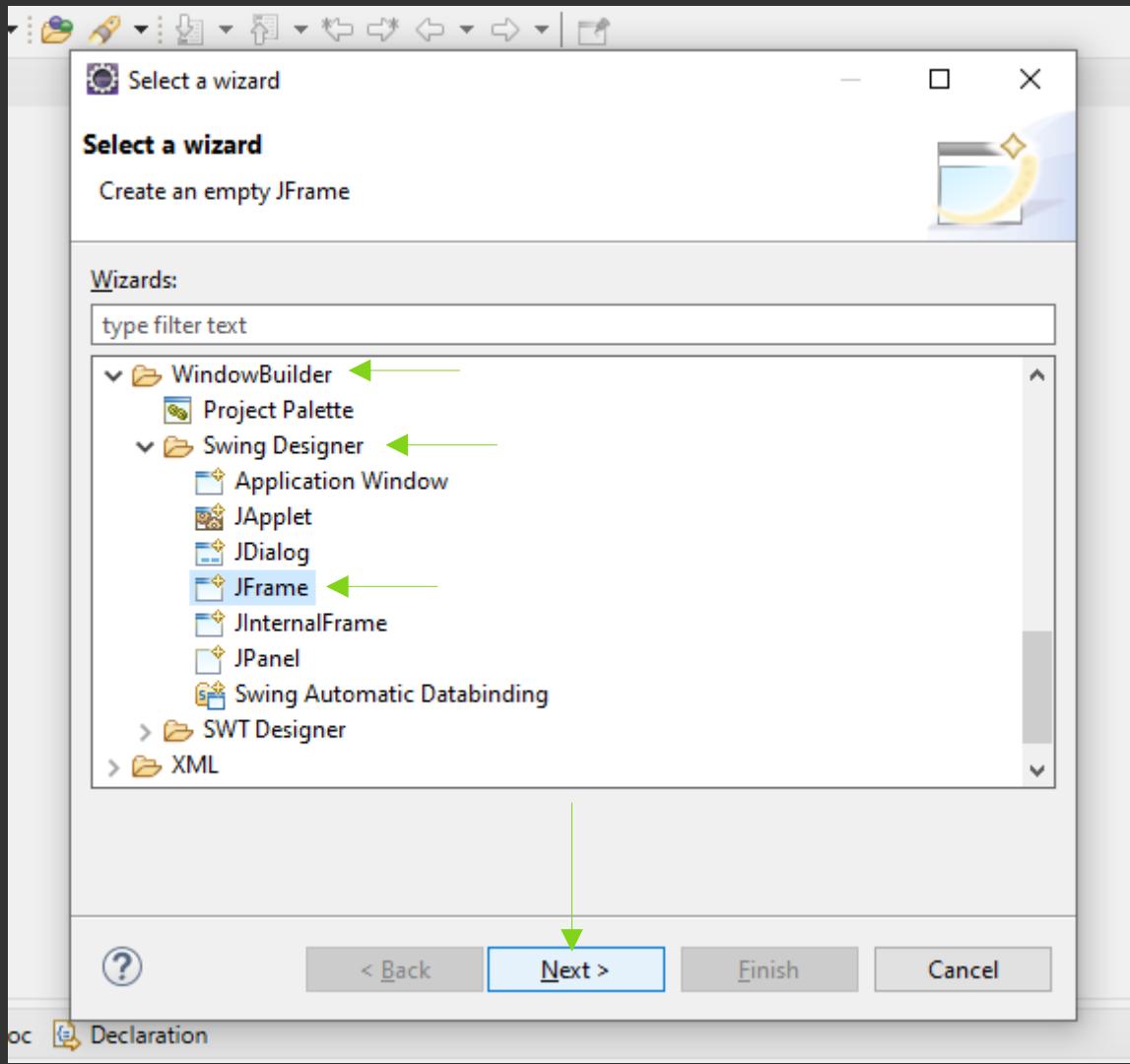
renomeei-e

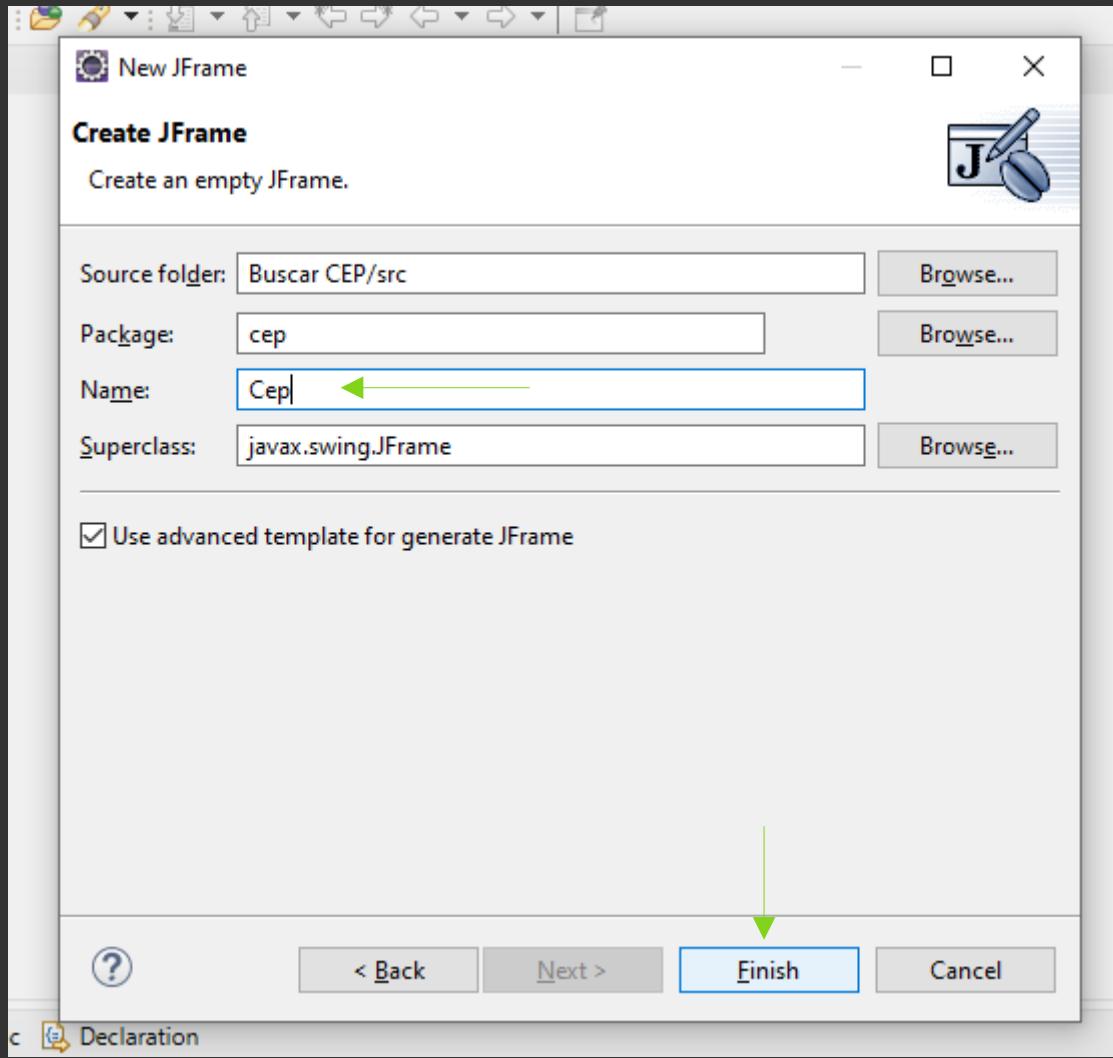


**Selezione tudo click e arraste
Para o pacote img**











Package Explorer X

agenda
Buscar CEP
JRE System Library [JavaSE-11]
src
cep
Cep.java
img
about.png
check.png
github.png
home.png
youtube.png
Hello Tomcat
Servers

Cep.java X

Buscar CEP > src > cep > Cep >

```
1 package cep;
2
3+import java.awt.BorderLayout;
4
5
6 public class Cep extends JFrame {
7
8     private JPanel contentPane;
9
10    /**
11     * Launch the application.
12     */
13    public static void main(String[] args) {
14        EventQueue.invokeLater(new Runnable() {
15            public void run() {
16                try {
17                    Cep frame = new Cep();
```

Extends em java significa herança

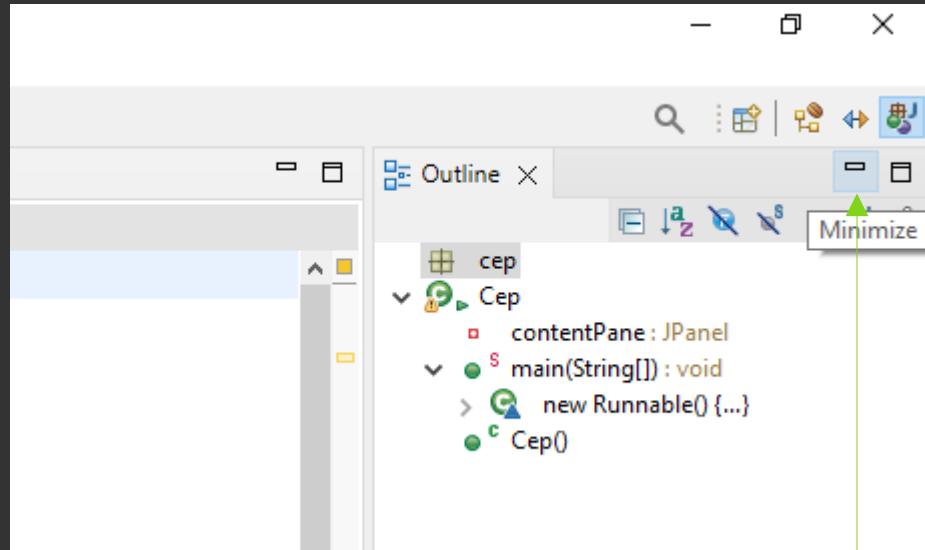
Source Design

Problems X @ Javadoc Declaration

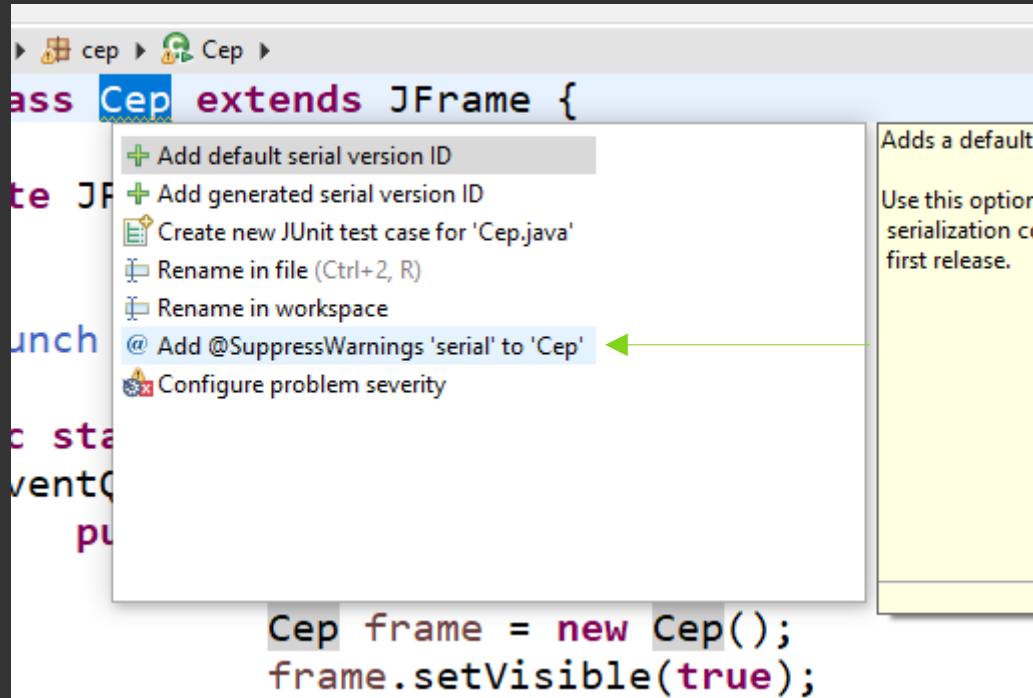
0 errors, 2 warnings, 0 others

Description	Resource	Path	Location	Type
> Warnings (2 items)			Location	

Outline



Se quiser minimizar a aba lateral



Selezione para sumir os avisos



Package Explorer X



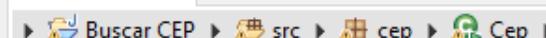
agenda
Buscar CEP
JRE System Library [JavaSE-11]

src
cep
Cep.java

img
about.png
check.png
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home.png
youtube.png

Hello Tomcat
Servers

*Cep.java X



Buscar CEP > src > cep > Cep >

```
1 package cep;
2
3+import java.awt.BorderLayout;□
9
10 @SuppressWarnings("serial") ←
11 public class Cep extends JFrame {
12
13     private JPanel contentPane;
14
15+    /**
16     * Launch the application.
17     */
18+    public static void main(String[] args) {
19+        EventQueue.invokeLater(new Runnable() {
20+            public void run() {
21                try {
```

Source Design



Problems X



@ Javadoc



Declaration

0 errors, 2 warnings, 0 others



Package Explorer X

```
agenda
Buscar CEP
JRE System Library [JavaSE-11]
src
    cep
        Cep.java
    img
        about.png
        check.png
        github.png
        home.png
        youtube.png
Hello Tomcat
Servers
```

*Cep.java X

```
    */
18 public static void main(String[] args) {
19     EventQueue.invokeLater(new Runnable() {
20         public void run() {
21             try {
22                 Cep frame = new Cep();
23                 frame.setVisible(true); ←
24             } catch (Exception e) {
25                 e.printStackTrace();
26             }
27         }
28     });
29 }
30 /**
31 * Create the frame.
32 */
```

Set visible deixa a janela visivel

Source Design

Problems X @ Javadoc Declaration



Package Explorer X

> agenda
Buscar CEP
> JRE System Library [JavaSE-11]
src
src
cep
Cep.java
img
about.png
check.png
github.png
home.png
youtube.png
Hello Tomcat
Servers

*Cep.java X

Buscar CEP > src > cep > Cep >

```
29 }  
30  
31*  * Create the frame.  
32* /  
33*  
34 public Cep() {  
35     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
36     setBounds(100, 100, 450, 300);  
37     contentPane = new JPanel();  
38     contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
39     contentPane.setLayout(new BorderLayout(0, 0));  
40     setContentPane(contentPane);  
41 }  
42  
43 }  
44 }
```

construtor



Source Design

Problems X



@ Javadoc



Declaration



0 errors, 2 warnings, 0 others

Description Resource Path Location Type

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Cep.java X

Buscar CEP > src > cep > Cep >

```
29 }
30 }
31 /**
32 * Create the frame.
33 */
34 public Cep() {
35     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
36     setBounds(100, 100, 450, 300);
37     contentPane = new JPanel();
38     contentPane.setBorder(new EmptyBorder(5, 5,
39     contentPane.setLayout(new BorderLayout(0, 6));
40     setContentPane(contentPane);
41 }
42 }
43 }
44 }
```

Click na guia design

Source Design

Problems X @ Javadoc Declaration

0 errors, 2 warnings, 0 others

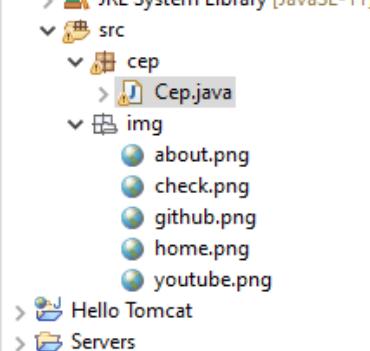
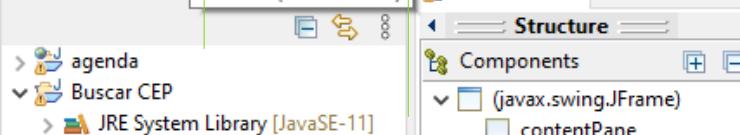
Description	Resource	Path	Location	Type
Warnings (2 items)				
The import jakarta.servlet.annotation.WebServlet	Controller.java	/agenda/src/main...	line 4	Java Problem
The serializable class Cep does not declare a st	Cep.java	/Buscar CEP/src/cep	line 10	Java Problem

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure. The current file is `Cep.java` under the `src/cep` directory.
- Structure View:** Shows the component hierarchy: `(javax.swing.JFrame)` > `contentPane`.
- Properties View:** Shows "`<No Properties>`".
- Palette:** Contains categories for **System**, **Containers**, **Layouts**, and **Components**. The **Containers** section includes `JPanel`, `JScrollPane`, `JSplitPane`, `JTabbedPane`, `JToolBox`, `JLayeredPane`, `JDesktopPane`, and `JInternalFrame`. The **Layouts** section includes `AbsoluteLayout`, `FlowLayout`, `BorderLayout`, `GridLayout`, `GridBagLayout`, `CardLayout`, `BoxLayout`, `SpringLayout`, `FormLayout`, `MigLayout`, and `GroupLayout`.
- Design View:** A large central window for visual design, currently empty.
- Source View:** Tabbed view showing the Java code for `Cep.java`.
- Problems View:** Shows 0 errors, 2 warnings, and 0 others. The warnings are:
 - The import `jakarta.servlet.annotation.WebServlet` is used in Controller.java at line 4.
 - The serializable class `Cep` does not declare a `serialVersionUID` in Cep.java at line 10.



Save All (Ctrl+Shift+S)



Structure

Components

(javax.swing.JFrame)
contentPane

Properties

<No Properties>

Source

Design

Problems

@ Javadoc

Declaration

0 errors, 2 warnings, 0 others

Palette

System

Select... Marq...

Choo... Tab O...

Containers

JPanel JScrollPane...

JSplit... JPanel...

JTool... JLay...

JDeskt... JInter...

Layouts

Absolut... FlowL...

Border... GridL...

GridB... CardL...

BoxLa... Spring...

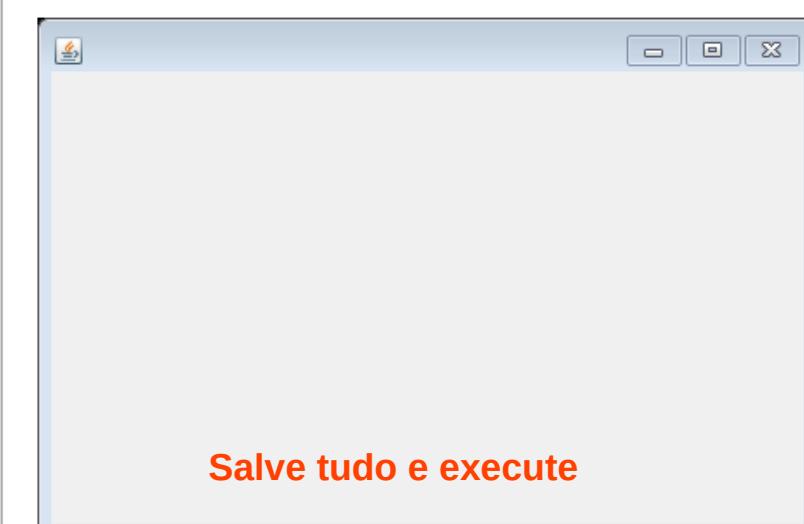
Form... MigLa...

Group...

Struts & Sprin...

Components

JLabel JTextF...





Package Explorer X

> agenda
Buscar CEP
> JRE System Library [JavaSE-11]
src
cep
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about.png
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youtube.png
> Hello Tomcat
> Servers

Cep.java X

Structure

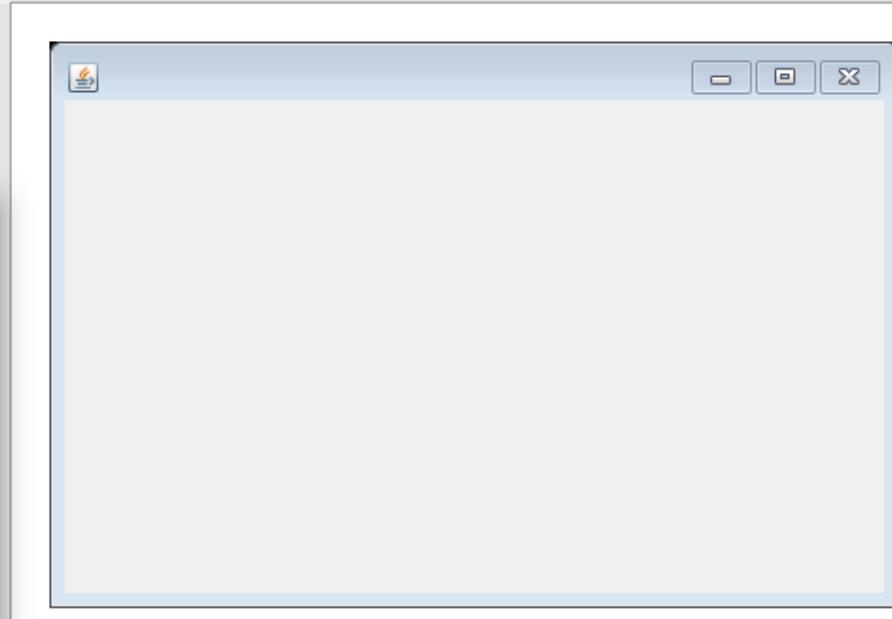
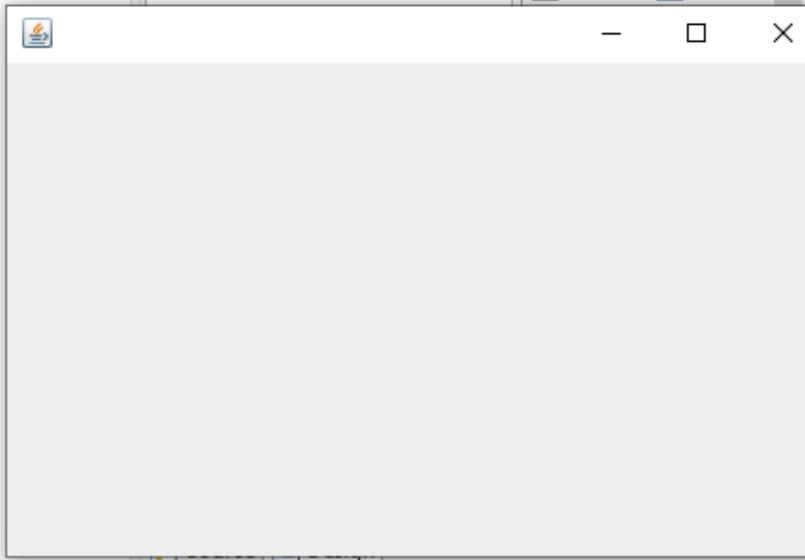
Components

< javax.swing.JFrame >
contentPane

Palette

System

Select...
Marq...
Choo...
Tab O...
Containers
JPanel
JScrollPane



Problems X @ Javadoc Declaration

0 errors, 1 warning, 0 others

Description

Resource

Path

Location

Type

Warnings (1 item)



Package Explorer X

agenda
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Cep.java X

Structure

Components

(javax.swing.JFrame)
contentPane

Palette

System

Select... Marq...

Choo...

Containers

JPanel

JSroll...

JSplit...

JTabb...

JTool...

JLayer...

JDeskt...

JInter...

Layouts

Absolut...

FlowL...

Borde...

GridL...

GridB...

CardL...

BoxLa...

Sprin...

Form...

MigLa...

Group...

Struts & Sprin...

Components

JLabel

JTextF...

Properties

Class	javax.swing.JFrame
alwaysOnTop	<input type="checkbox"/> false
autoRequestFocus	<input checked="" type="checkbox"/> true
background	240,240,240
defaultCloseOperation	EXIT_ON_CLOSE
enabled	<input checked="" type="checkbox"/> true
font	[...]
foreground	[...]
iconImage	[...]
modalExclusion	NO_EXCLUDE

Source Design

Problems X

@ Javadoc

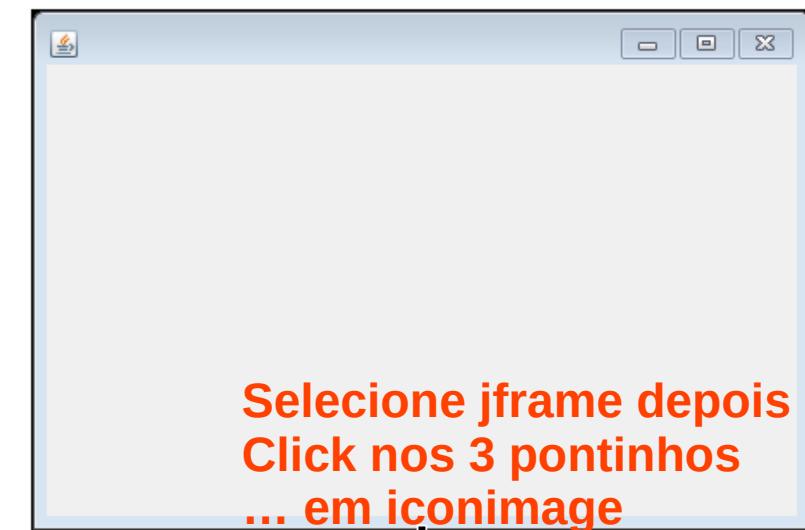
Declaration

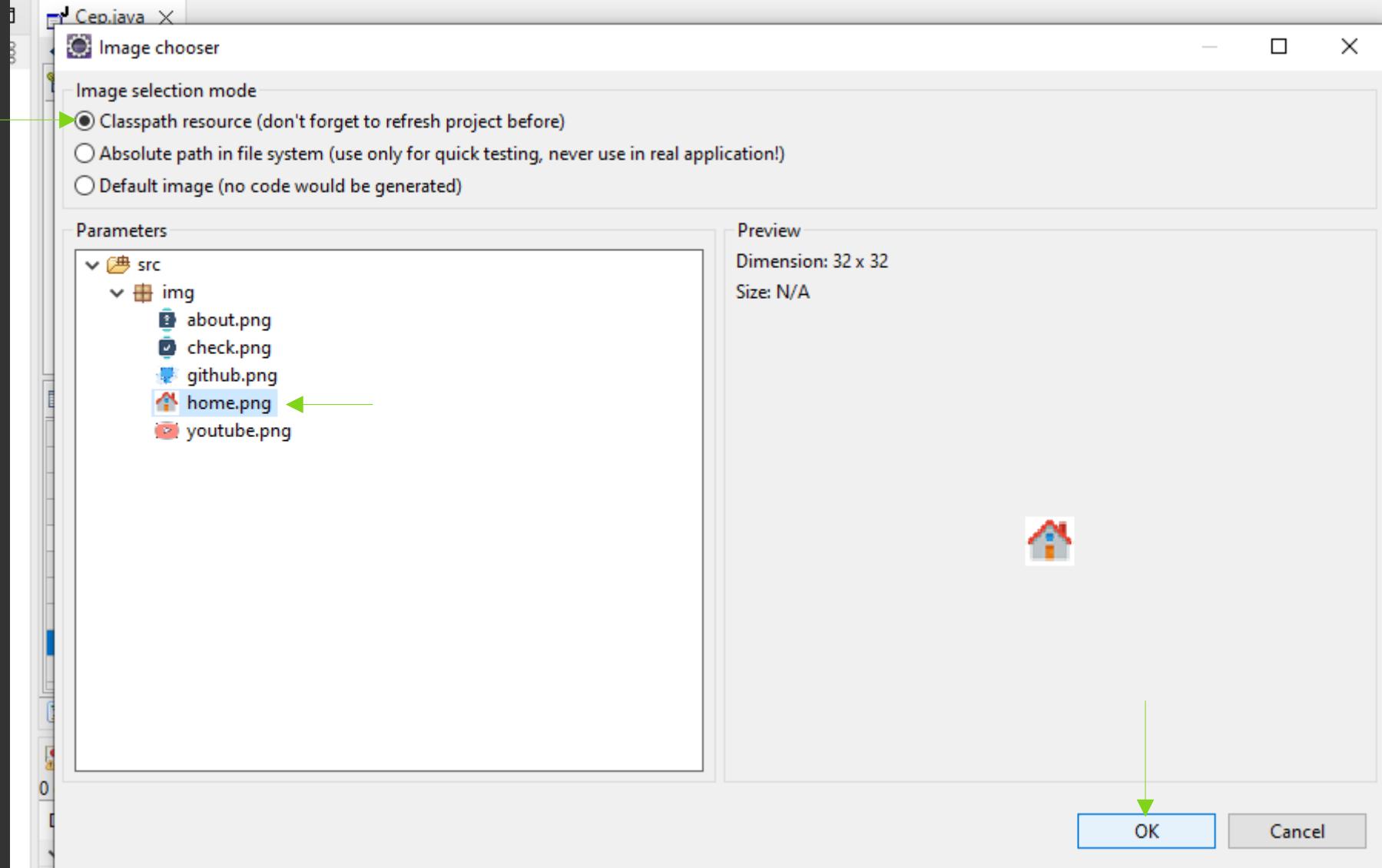
0 errors, 1 warning, 0 others

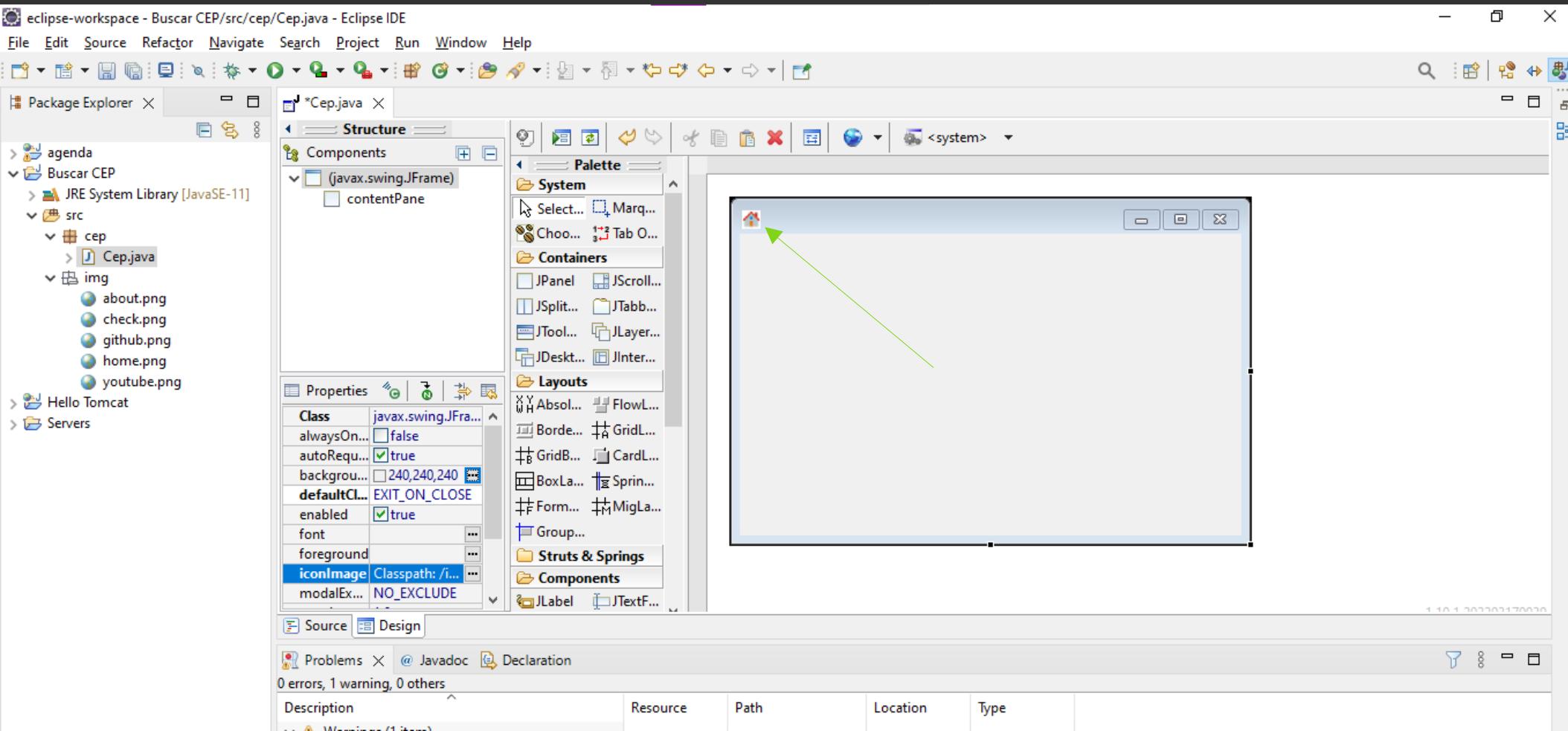
Description

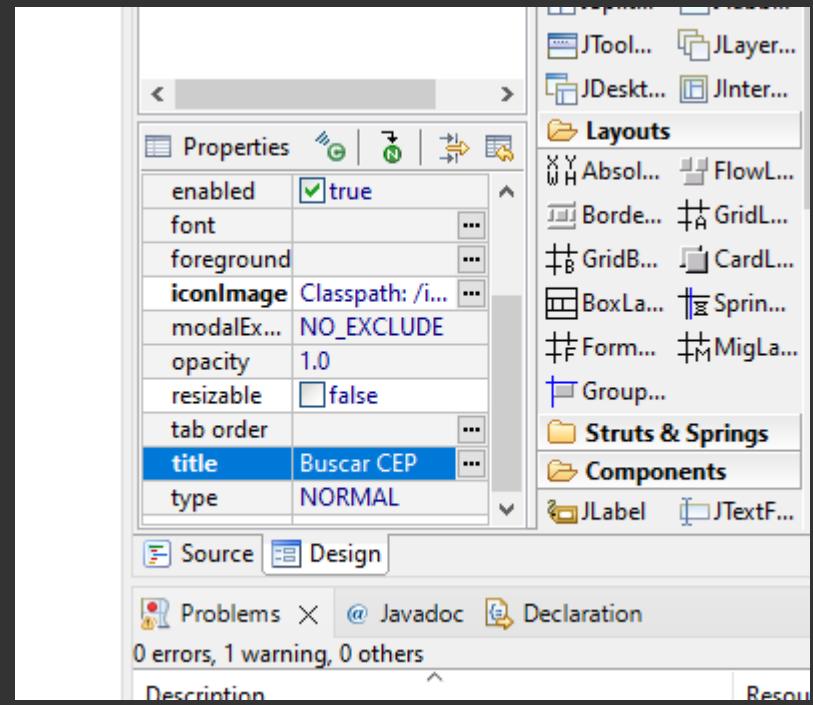
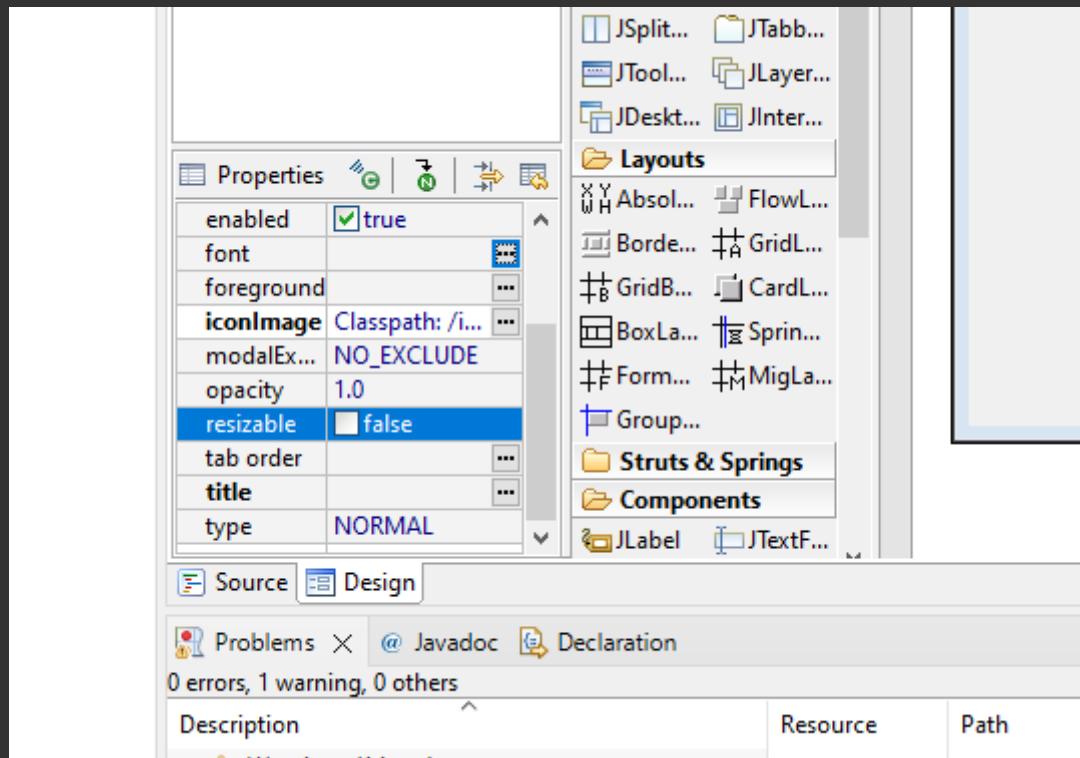
Warnings (1 item)

The import jakarta.servlet.annotation.WebServ Controller.java /agenda/src/main/... line 4 Java Problem

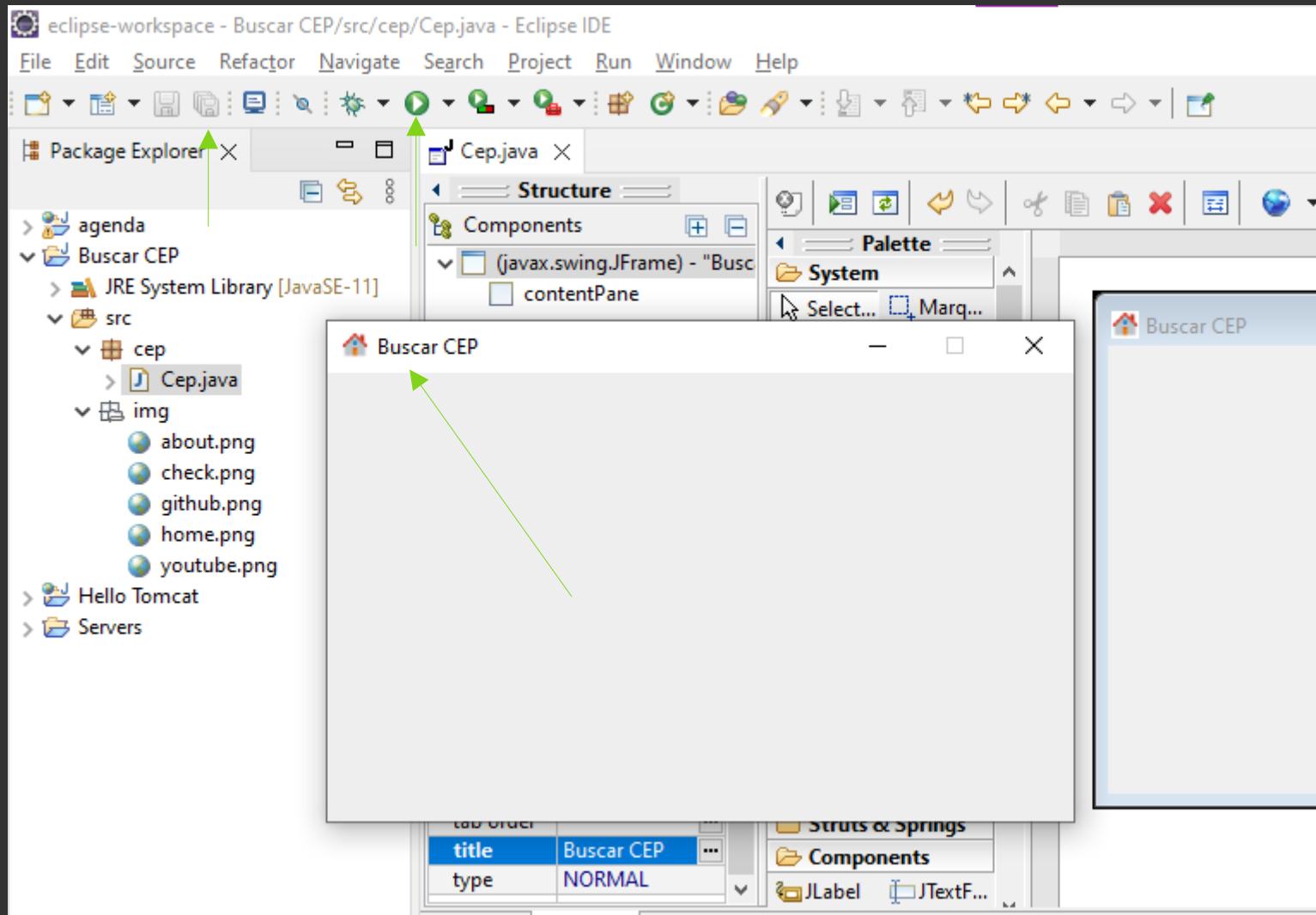


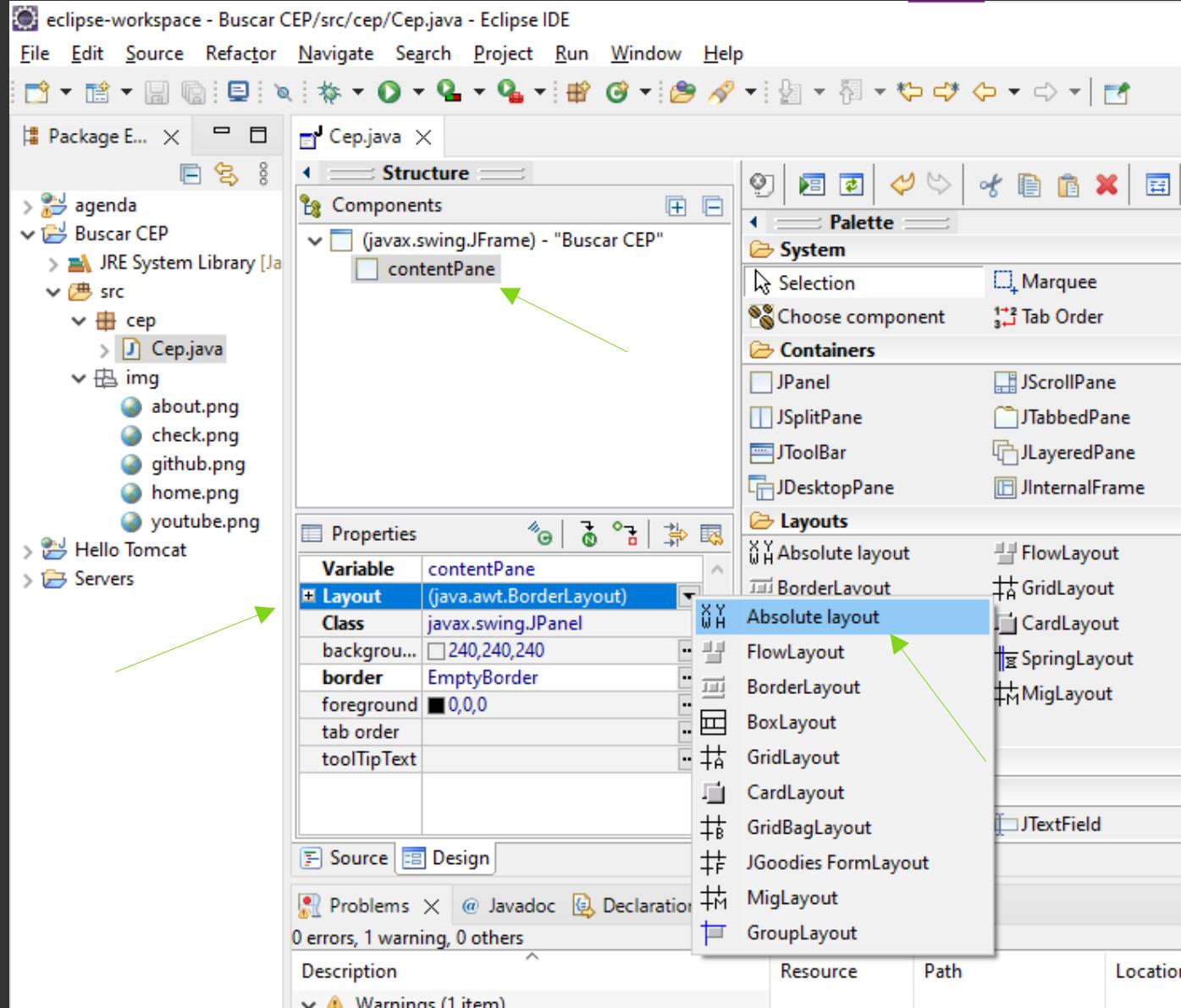


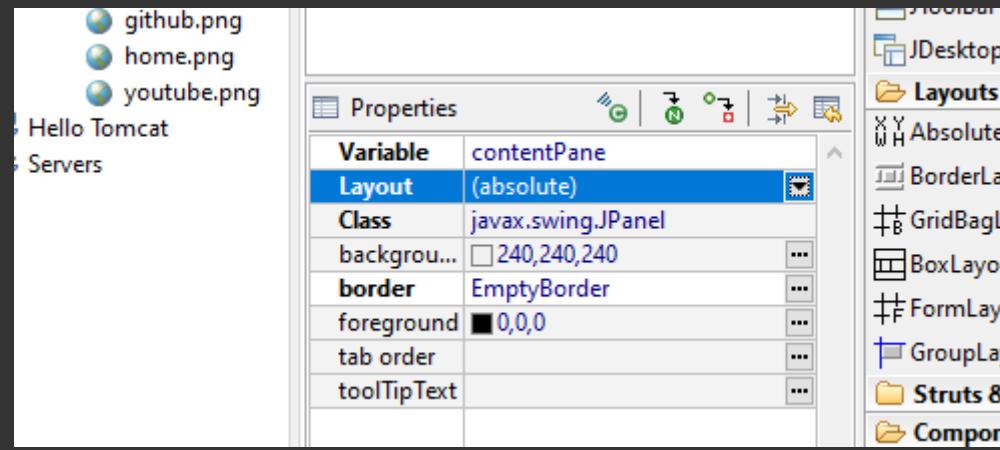




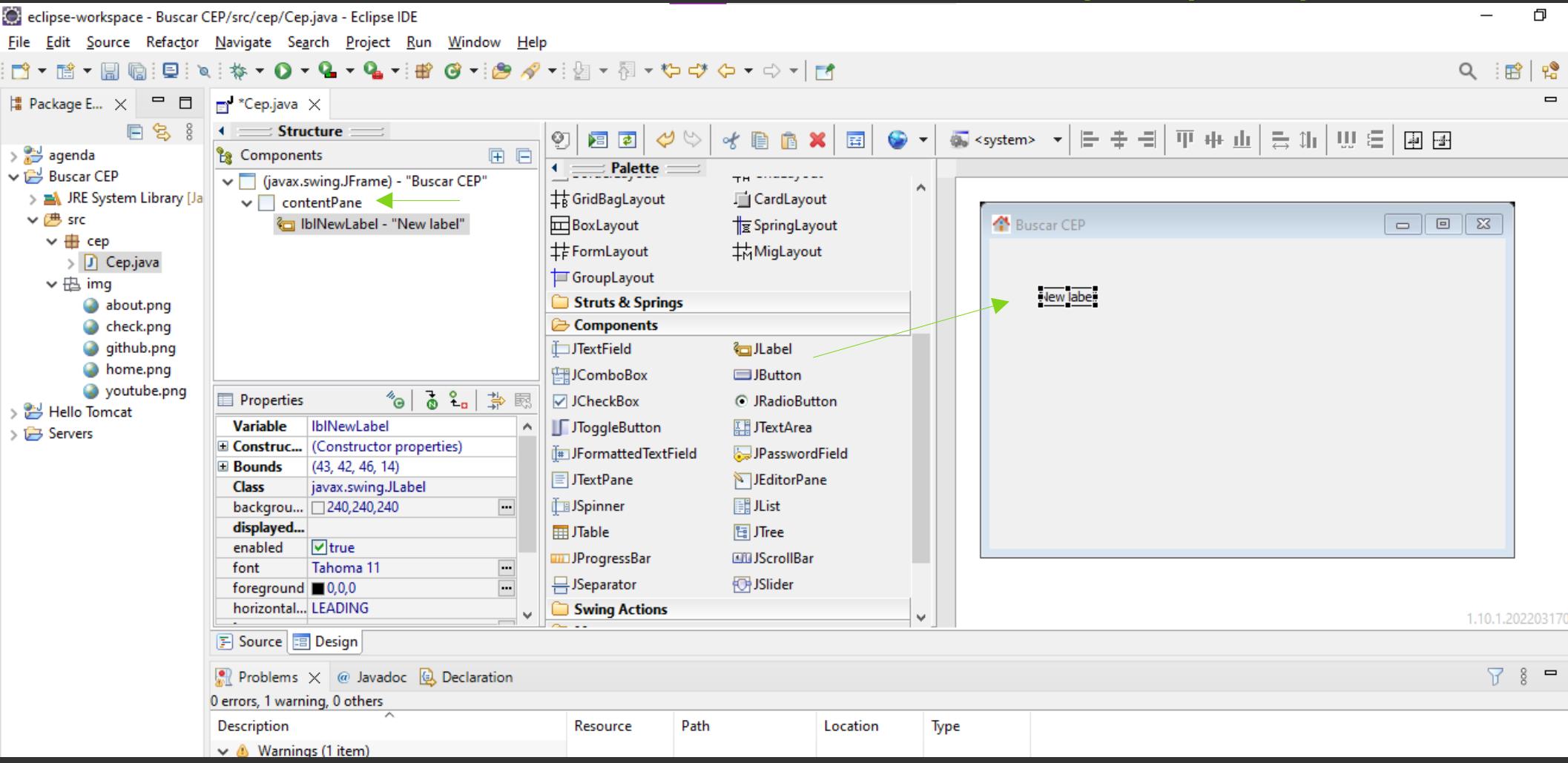
Depois de fazer as alterações salve tudo e execute

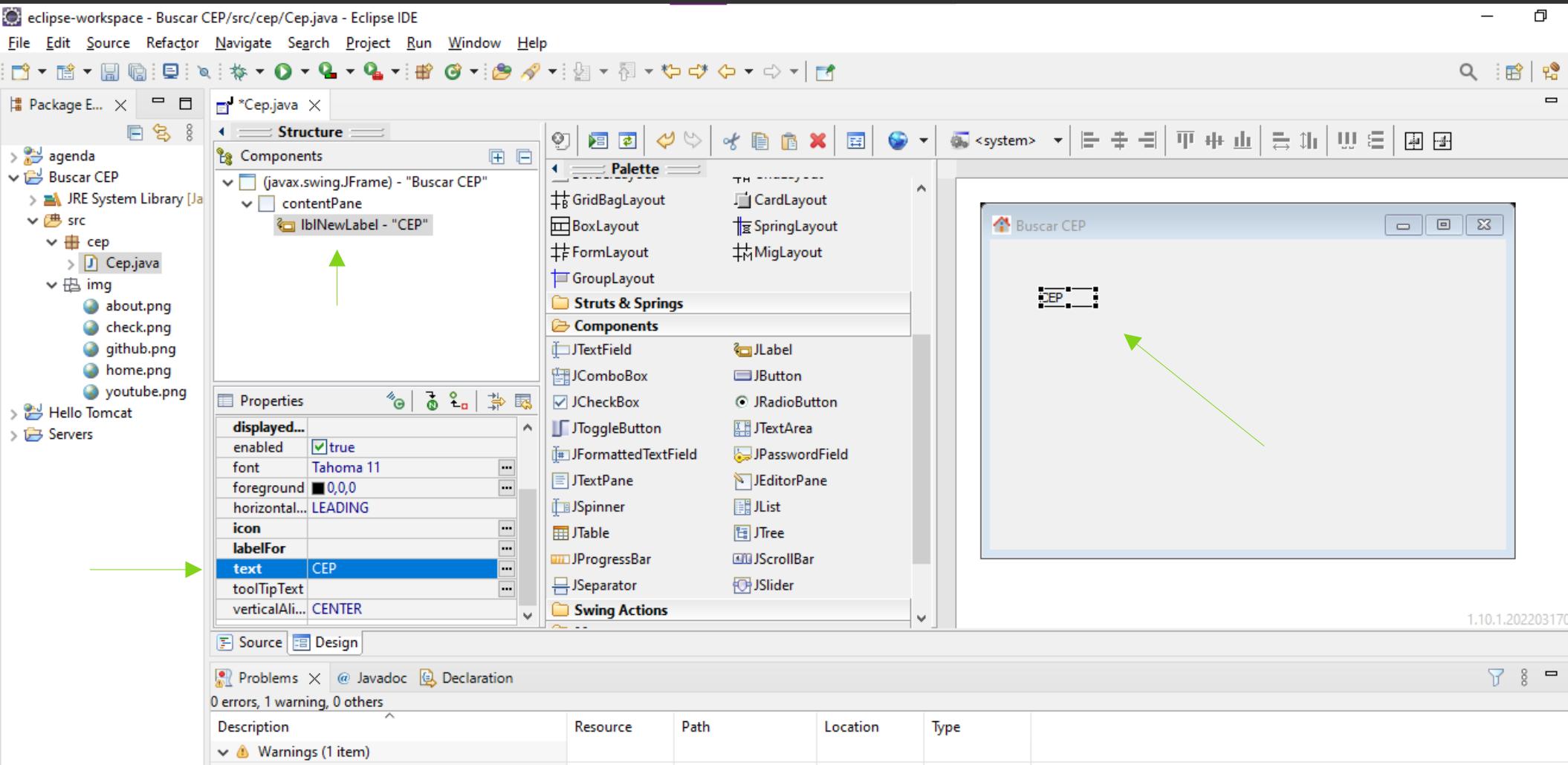


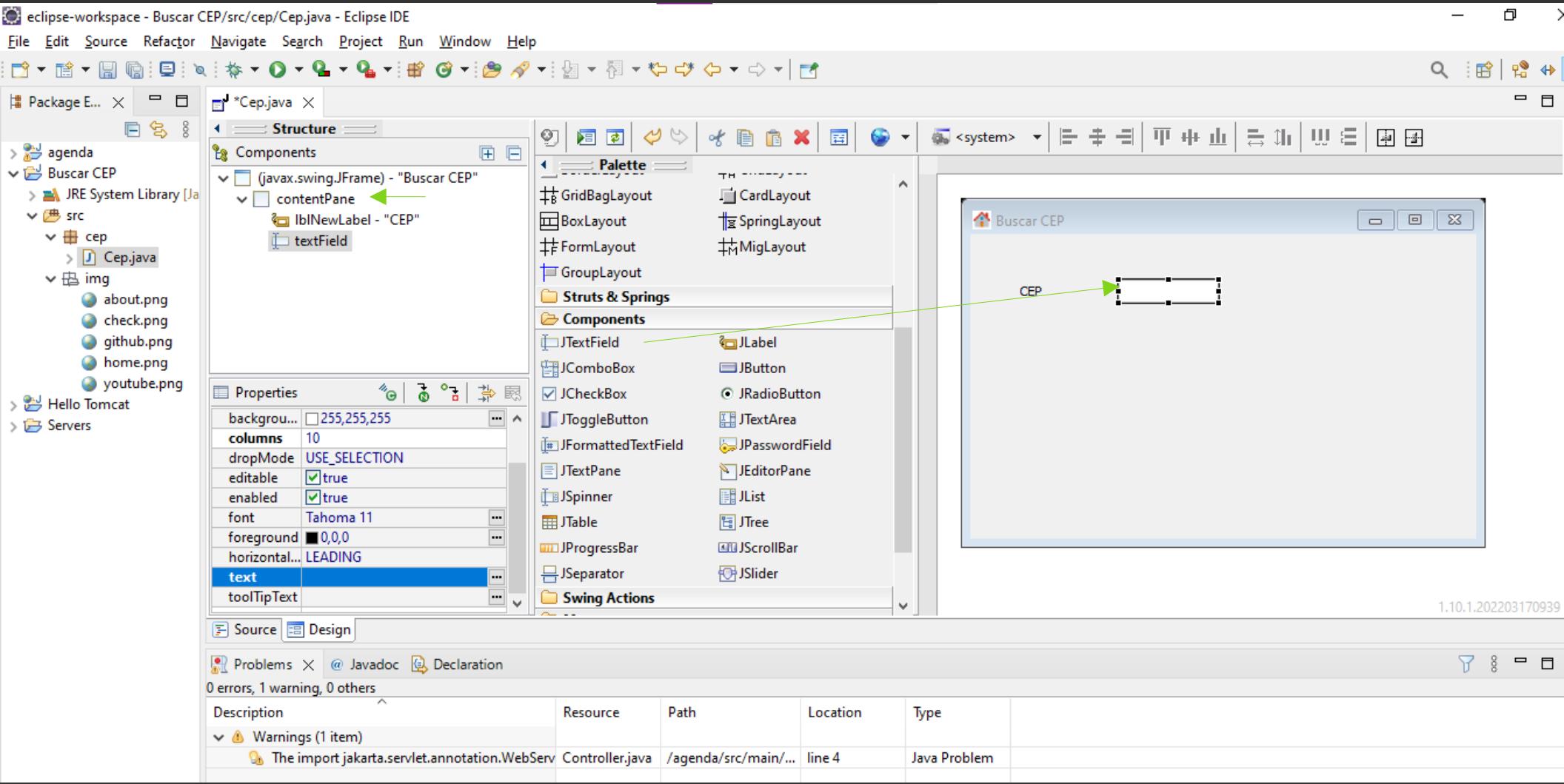


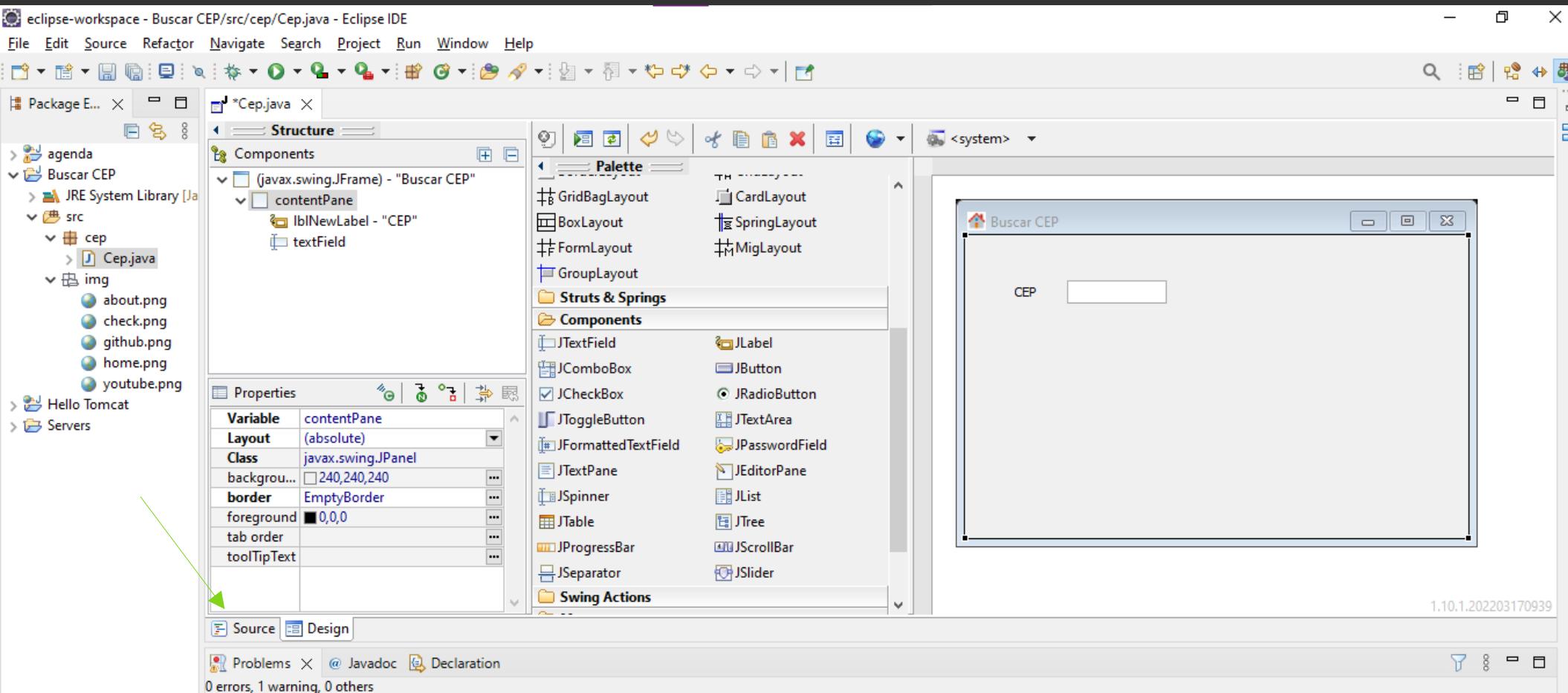


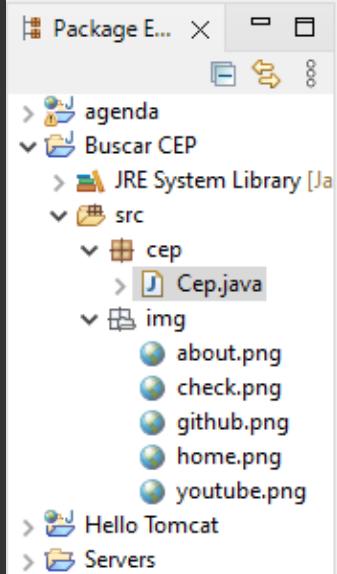
Com contentPane selecionada click e arraste um jLabel para a janela











```
44         contentPane = new JPanel();
45         contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
46         setContentPane(contentPane);
47         contentPane.setLayout(null);

48
49         JLabel lblNewLabel = new JLabel("CEP");
50         lblNewLabel.setBounds(43, 42, 46, 14);
51         contentPane.add(lblNewLabel);

52
53         textField = new JTextField();
54         textField.setBounds(88, 39, 86, 20);
55         contentPane.add(textField);
56         textField.setColumns(10);
57     }
58 }
59 }
```

CADA COISA QUE ADICIONAMOS A JANELA É ADICIONADA DENTRO DO CONSTRUTOR



0 errors, 1 warning, 0 others

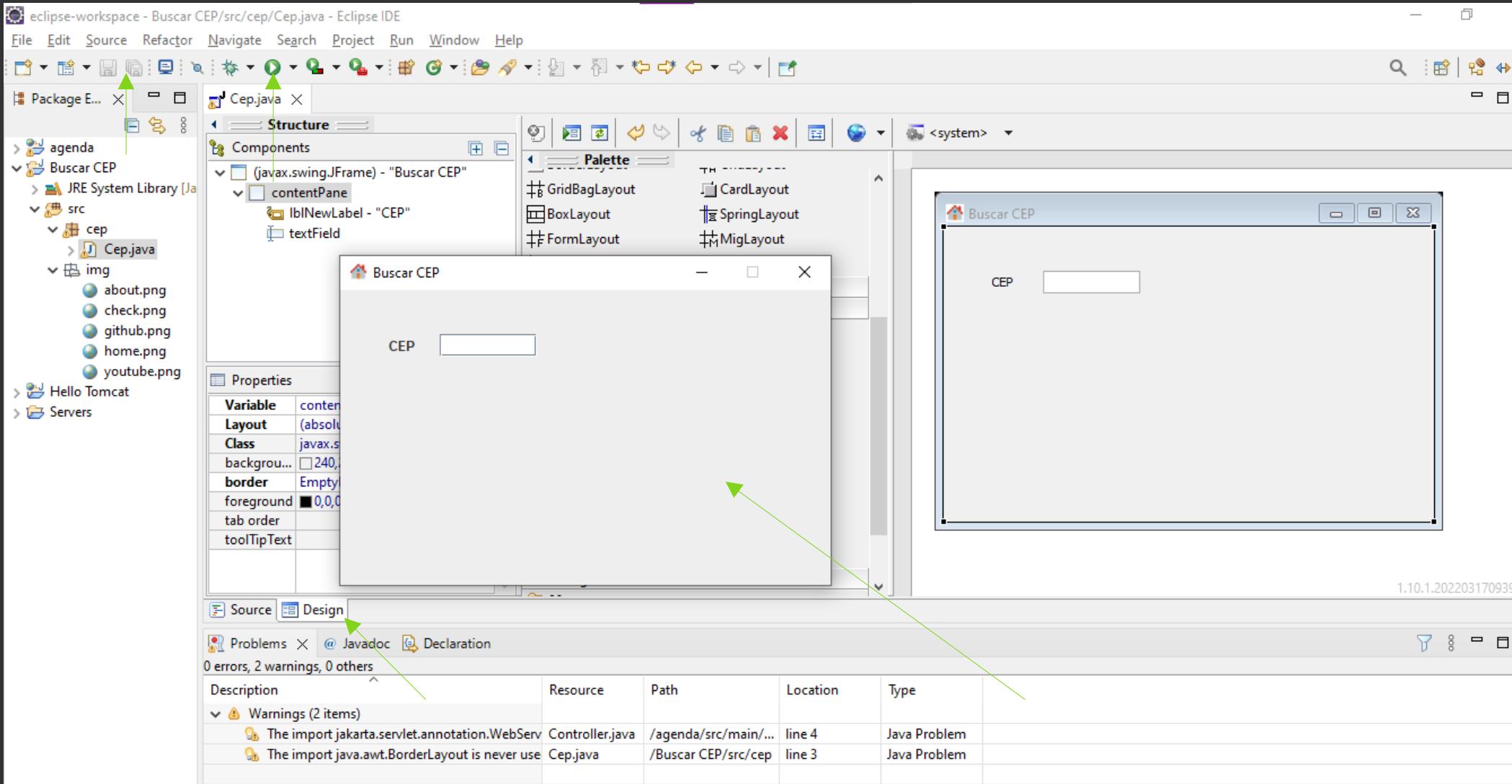
Description

Resource

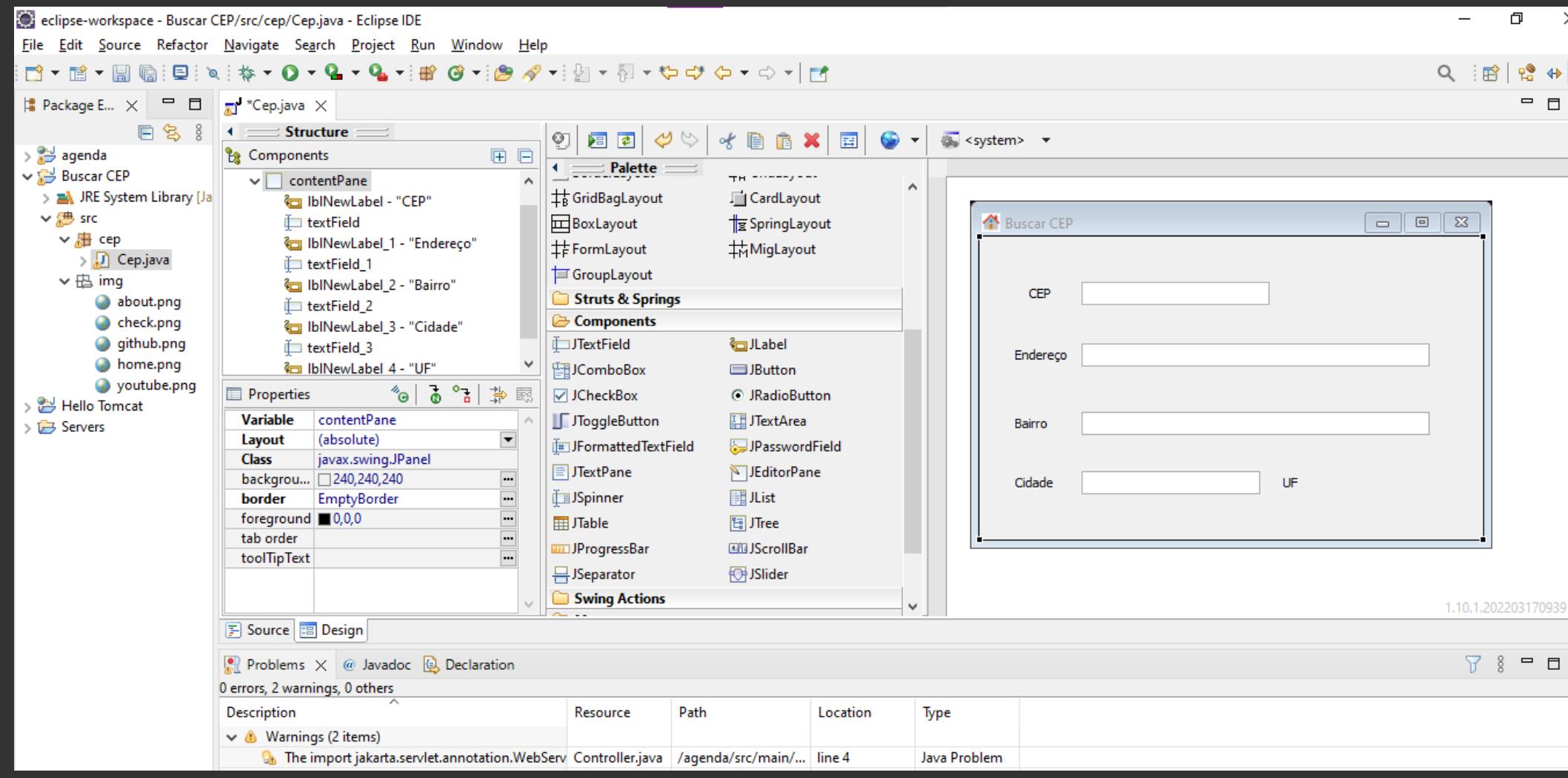
Path

Location

Type



Usando o exemplo anterior adicione mais jlabels e texfield Salve tudo e execute





agenda
Buscar CEP
> JRE System Library [Ja]
src
cep
> Cep.java
img
about.png
check.png
github.png
home.png
youtube.png
Hello Tomcat
Servers

Cep.java X

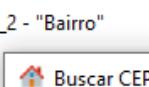
Structure

Components

- contentPane
 - lblNewLabel - "CEP"
 - textField
 - lblNewLabel_1 - "Endereço"
 - textField_1
 - lblNewLabel_2 - "Bairro"
 - textField_2
 - lblNewLabel
 - textField_3
 - lblNewLabel

Palette

- GridBagLayout
- CardLayout
- BoxLayout
- FormLayout
- GroupLayout
- MigLayout



Buscar CEP

— □ ×

CEP Ender... Bairro Cidade UF

Properties

Variable	contentPan
Layout	(absolute)
Class	javax.swing
background	240,240,2
border	EmptyBord
foreground	0,0,0
tab order	
toolTipText	

Source Design

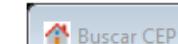
Problems X @ Javadoc Declaration

0 errors, 2 warnings, 0 others

Description

Warnings (2 items)

The import jakarta.servlet.annotation.WebServlet Controller.java /agenda/src/main/java/agenda/controller/Controller.java line 4 Java Problem



Buscar CEP

CEP

Endereço

Bairro

Cidade

UF

1.

Para utilizar JComboBox

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Structure *Cep.java X

Components

- textField
- lblNewLabel_1 - "Endereço"
- textField_1
- lblNewLabel_2 - "Bairro"
- textField_2
- lblNewLabel_3 - "Cidade"
- textField_3
- lblNewLabel_4 - "UF"
- comboBox

Properties

Variable	comboBox
Bounds	(299, 201, 52, 22)
Class	javax.swing.JComboBox
background	255,255,255
editable	false
enabled	true
font	Tahoma 11
foreground	0,0,0
maximum	8
model	[]

Source Design

Problems X @ Javadoc Declaration

0 errors, 2 warnings, 0 others

Description Resource Path Location Type

Warnings (2 items)

- The import jakarta.servlet.annotation.WebServlet Controller.java /agenda/src/main... line 4 Java Problem
- The import java.awt.BorderLayout is never used Cep.java /Buscar CEP/src/cep line 3 Java Problem

Palette

- GridBagLayout
- BoxLayout
- FormLayout
- GroupLayout
- CardLayout
- SpringLayout
- MigLayout

Struts & Springs

Components

- JTextField
- JComboBox
- JCheckBox
- JToggleButton
- JFormattedTextField
- JTextPane
- JSpinner
- JTable
- JProgressBar
- JSeparator
- JLabel
- JButton
- JRadioButton
- JTextArea
- JPasswordField
- JEditorPane
- JList
- JTree
- JScrollBar
- JSlider

Buscar CEP

CEP:

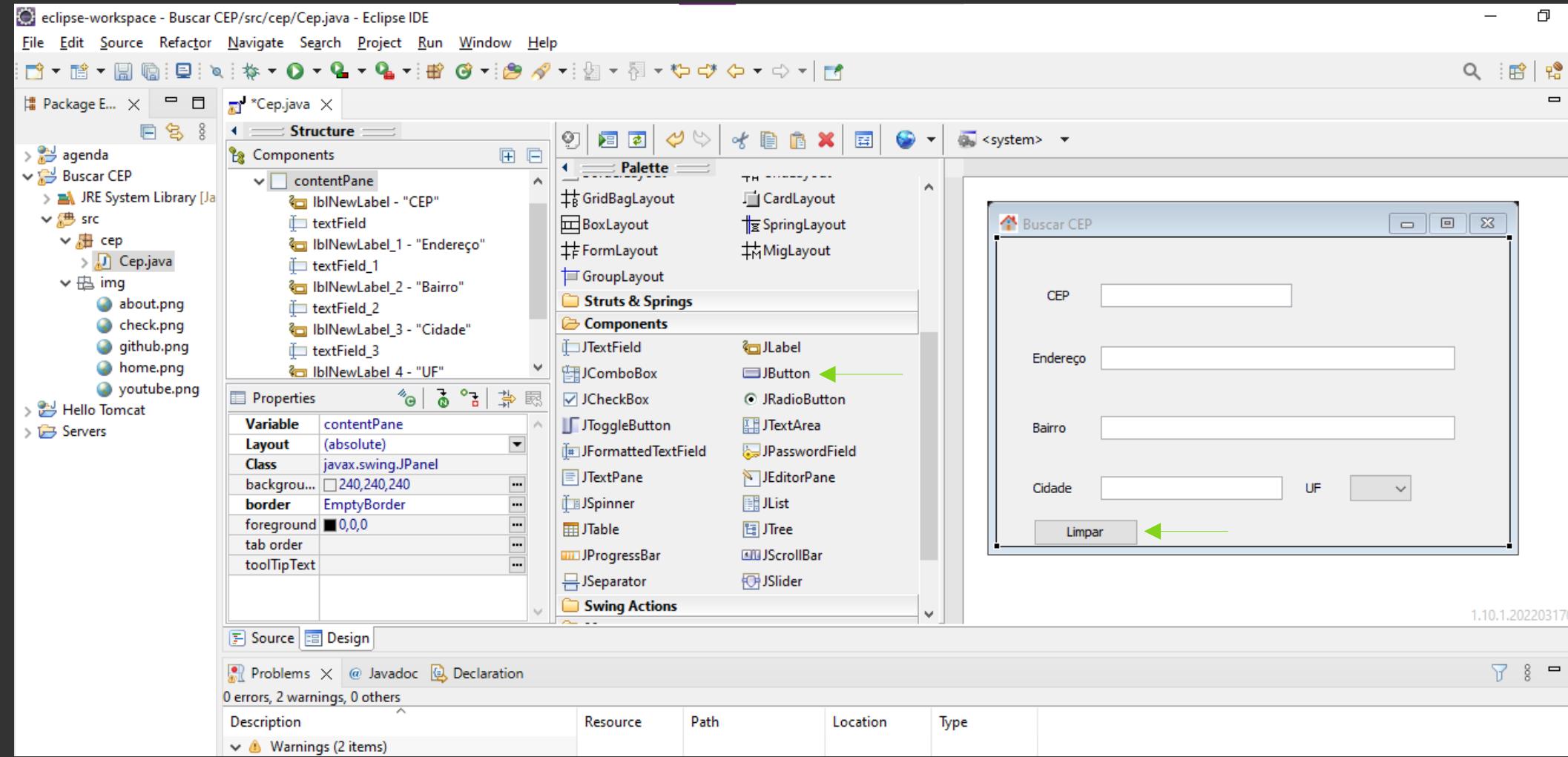
Endereço:

Bairro:

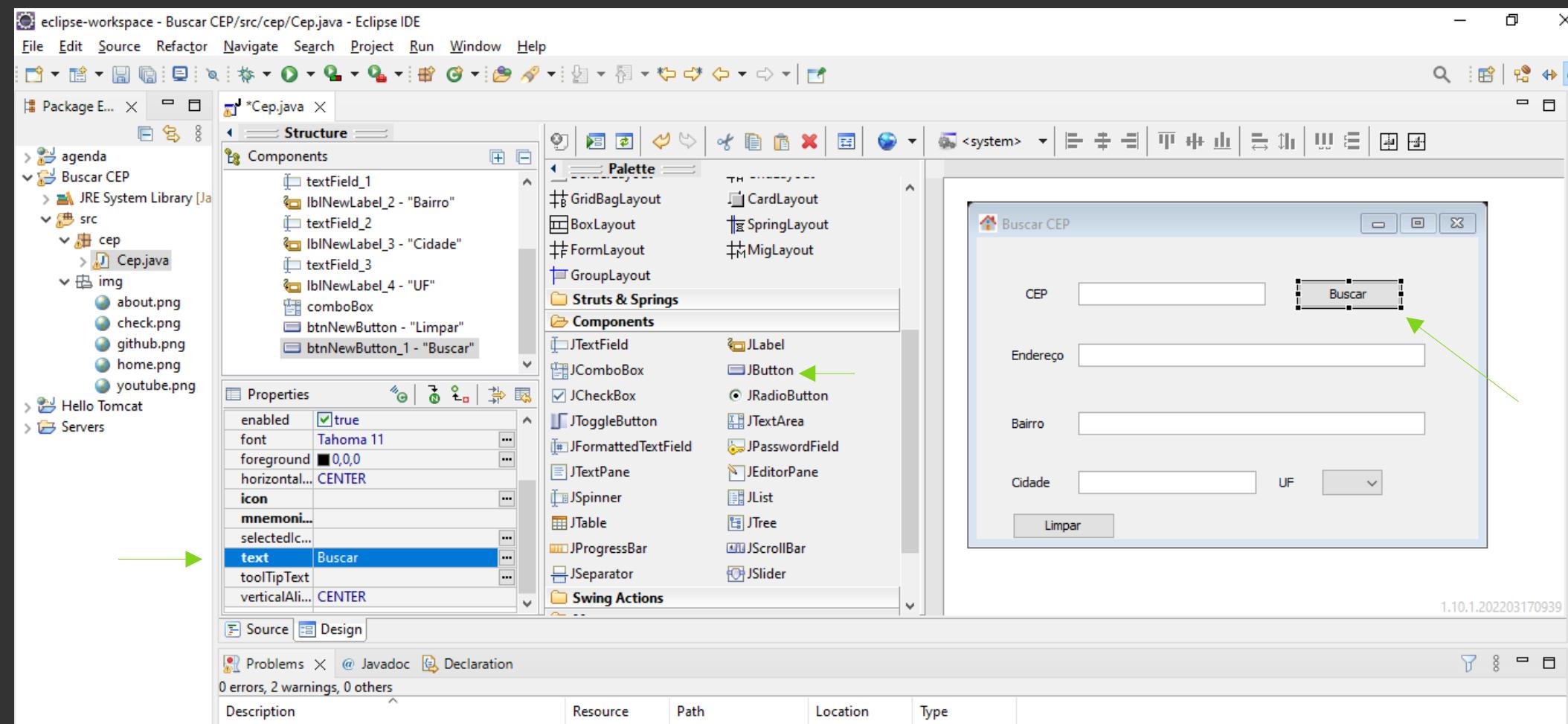
Cidade: UF:

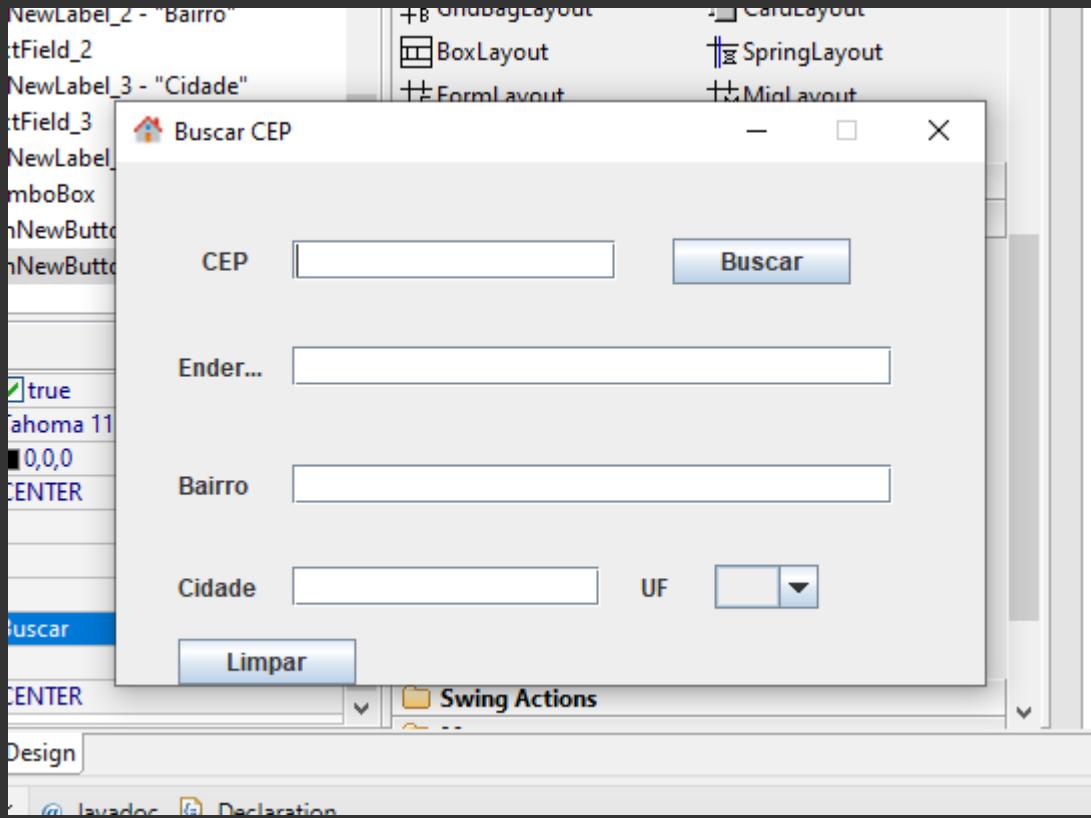
1.1.0.202203170939

Adicione um jButton e mude sua propriedade text para Limpar

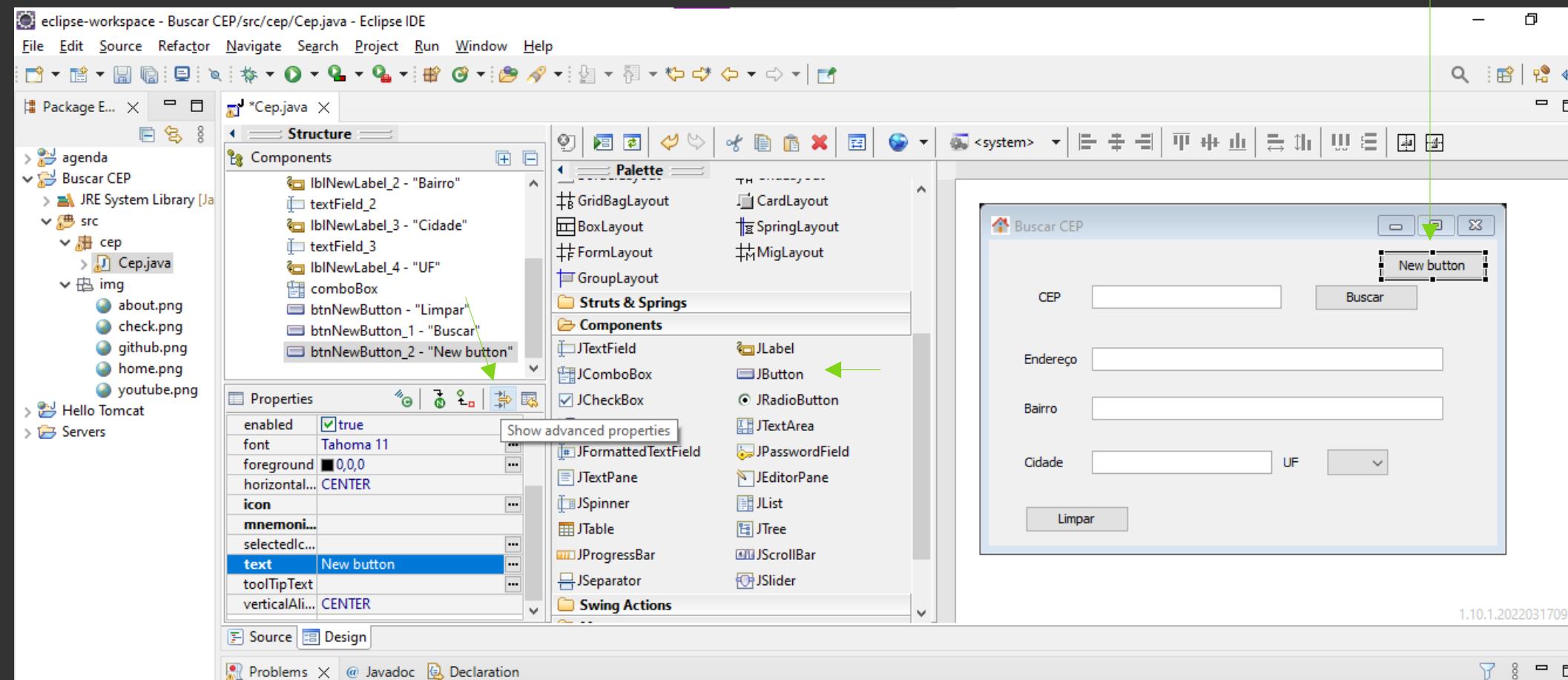


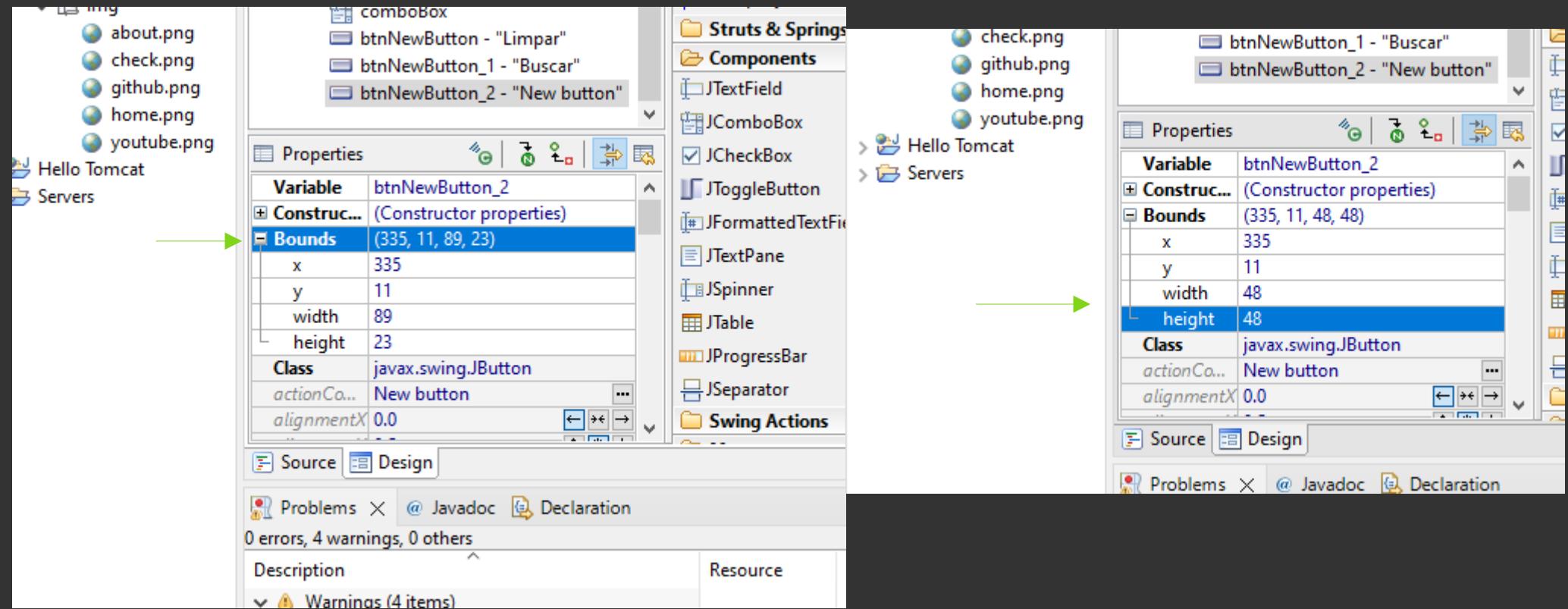
Salve tudo e execute





Adicione mais um jButton e click no ícone advanced properties





Modificamos sua largura e altura para o tamanho do ícone

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Structure Components

- agenda
- Buscar CEP
 - JRE System Library [Java]
 - src
 - cep
 - Cep.java
 - img
 - about.png
 - check.png
 - github.png
 - home.png
 - youtube.png
- Hello Tomcat
- Servers

Properties

alignmentX	0.0
alignmentY	0.5
autoscrolls	<input type="checkbox"/> false
background	#240,240,240
border	XPEmptyBorder
borderPainted	<input checked="" type="checkbox"/> true
bounds	(0, 0, 0, 0)
componentType	UNKNOWN
contentAreaFilled	<input checked="" type="checkbox"/> true
cursor	DEFAULT_CURSOR

Source Design

Problems X @ Javadoc Declaration

0 errors, 4 warnings, 0 others

Description

Warnings (4 items)

- JComboBox is a raw type. References to generic type JComboBox<?> should be explicitly typed. See the [Type Safety](#) section in the [Java Language Guide](#).
- The import jakarta.servlet.annotation.WebServlet should be explicitly typed. See the [Type Safety](#) section in the [Java Language Guide](#).
- The import java.awt.BorderLayout is never used.

Color chooser

Selected color control #f0f0f0 H:0deg S:0% L:94%

AWT colors System colors Swing colors Named colors Web safe colors

Color under cursor control #f0f0f0 H:0deg S:0% L:94%

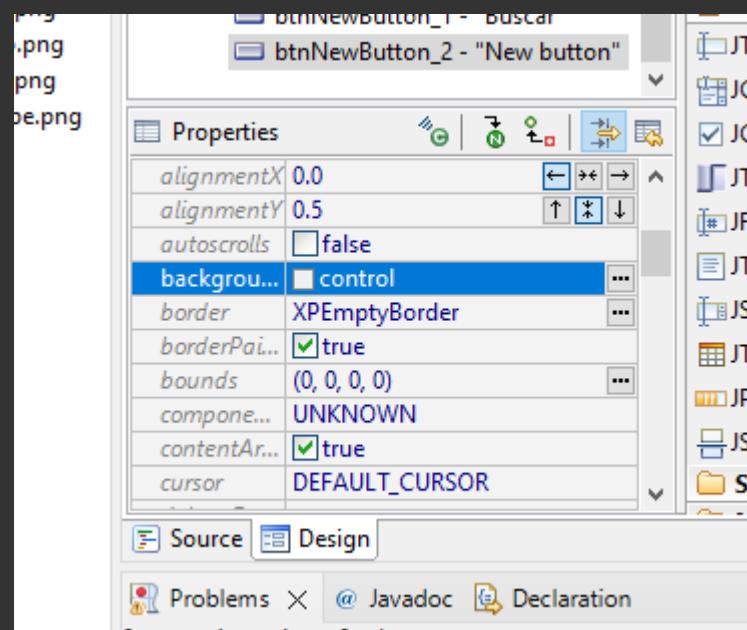
Sample text

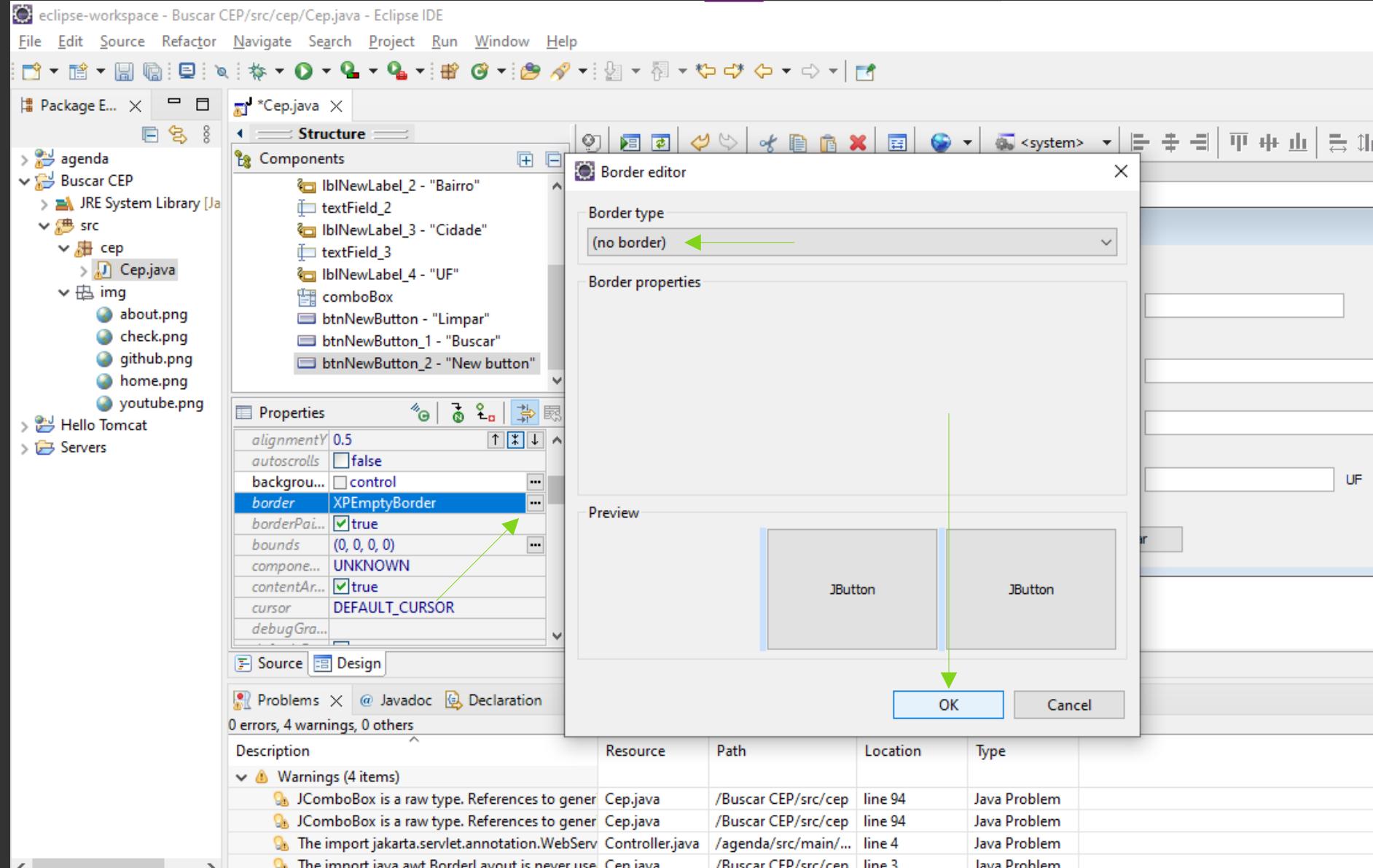
desktop	activeCaption
activeCaptionText	activeCaptionBorder
inactiveCaption	inactiveCaptionText
inactiveCaptionBorder	window
windowBorder	windowText
menu	menuText
text	textText
textHighlight	textHighlightText
textInactiveText	control
controlText	controlHighlight
controlLtHighlight	controlShadow
controlDkShadow	scrollbar
info	infoText

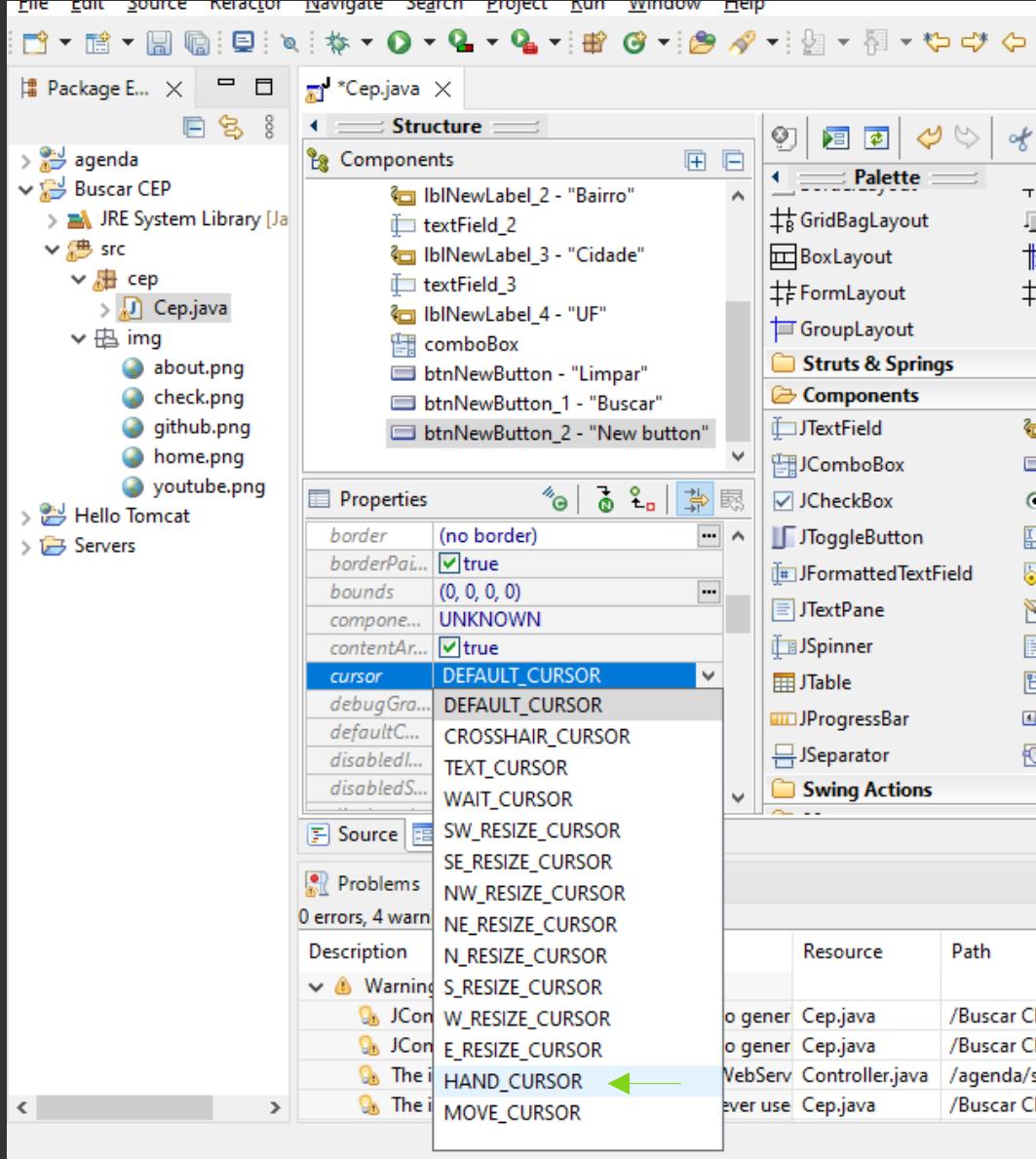
OK Cancel

Writable Smart insert

106 : 34 : 2826







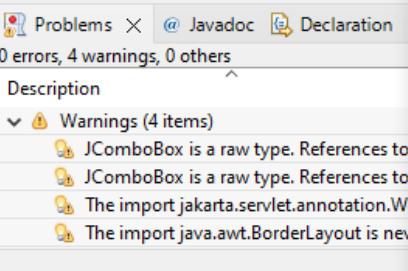
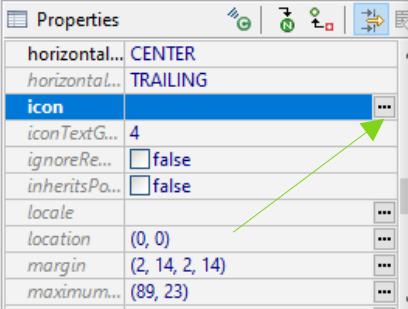
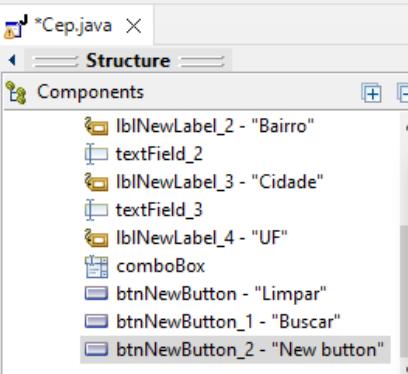
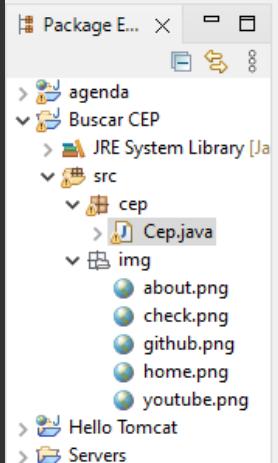
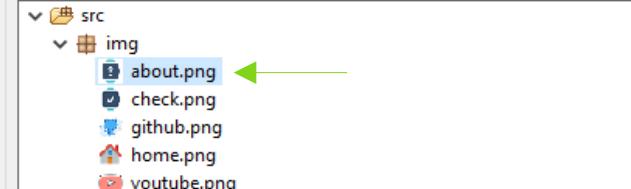


Image chooser

Image selection mode

- Classpath resource (don't forget to refresh project before)
- Absolute path in file system (use only for quick testing, never use in real application!)
- No image ('null' would be used as image)
- Default image (no code would be generated)

Parameters



Preview

Dimension: 48 x 48

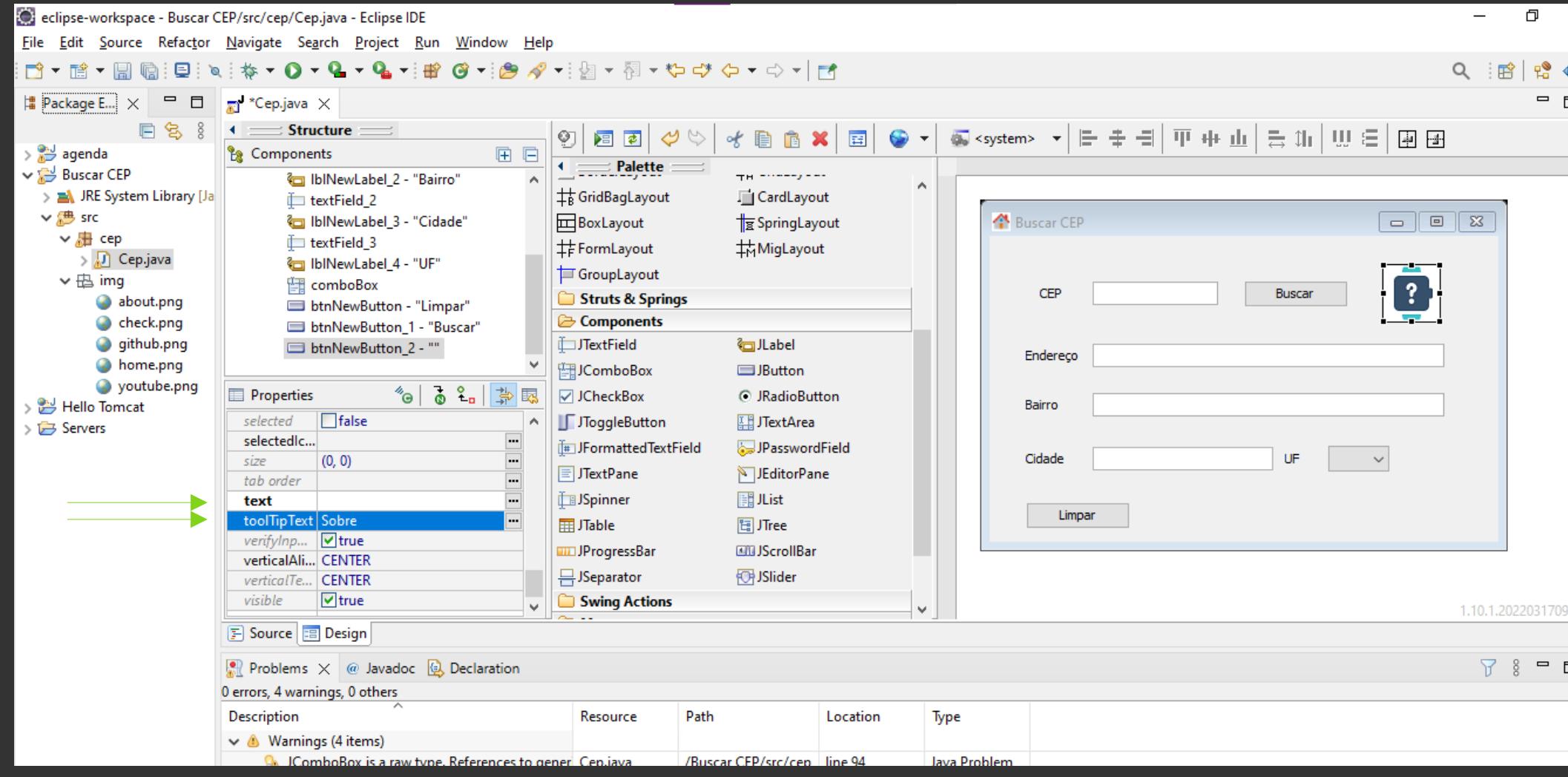
Size: N/A

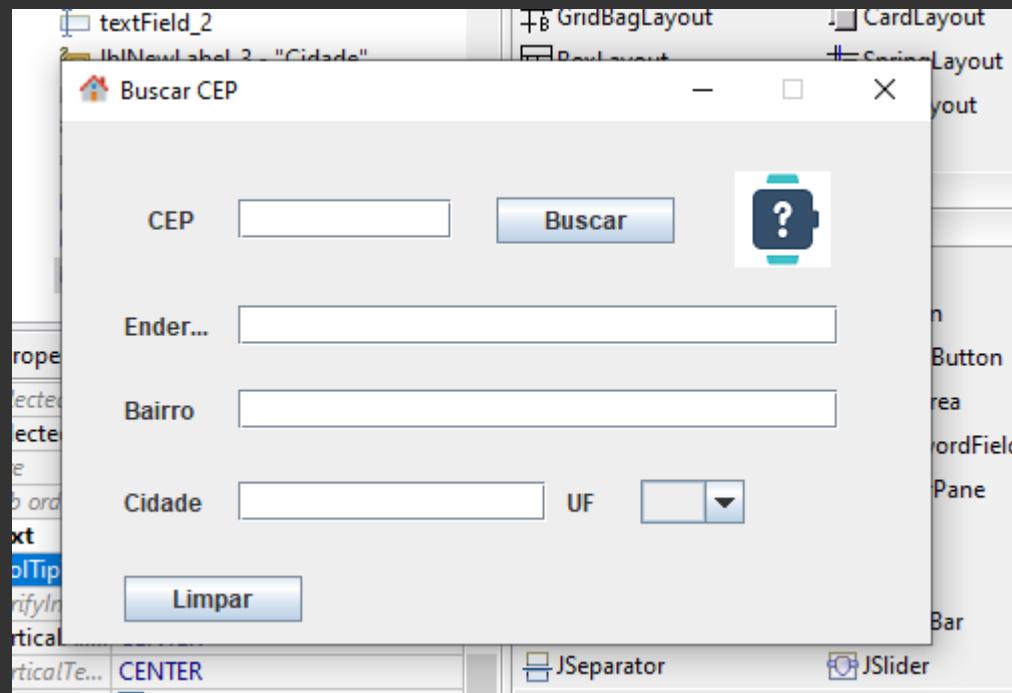


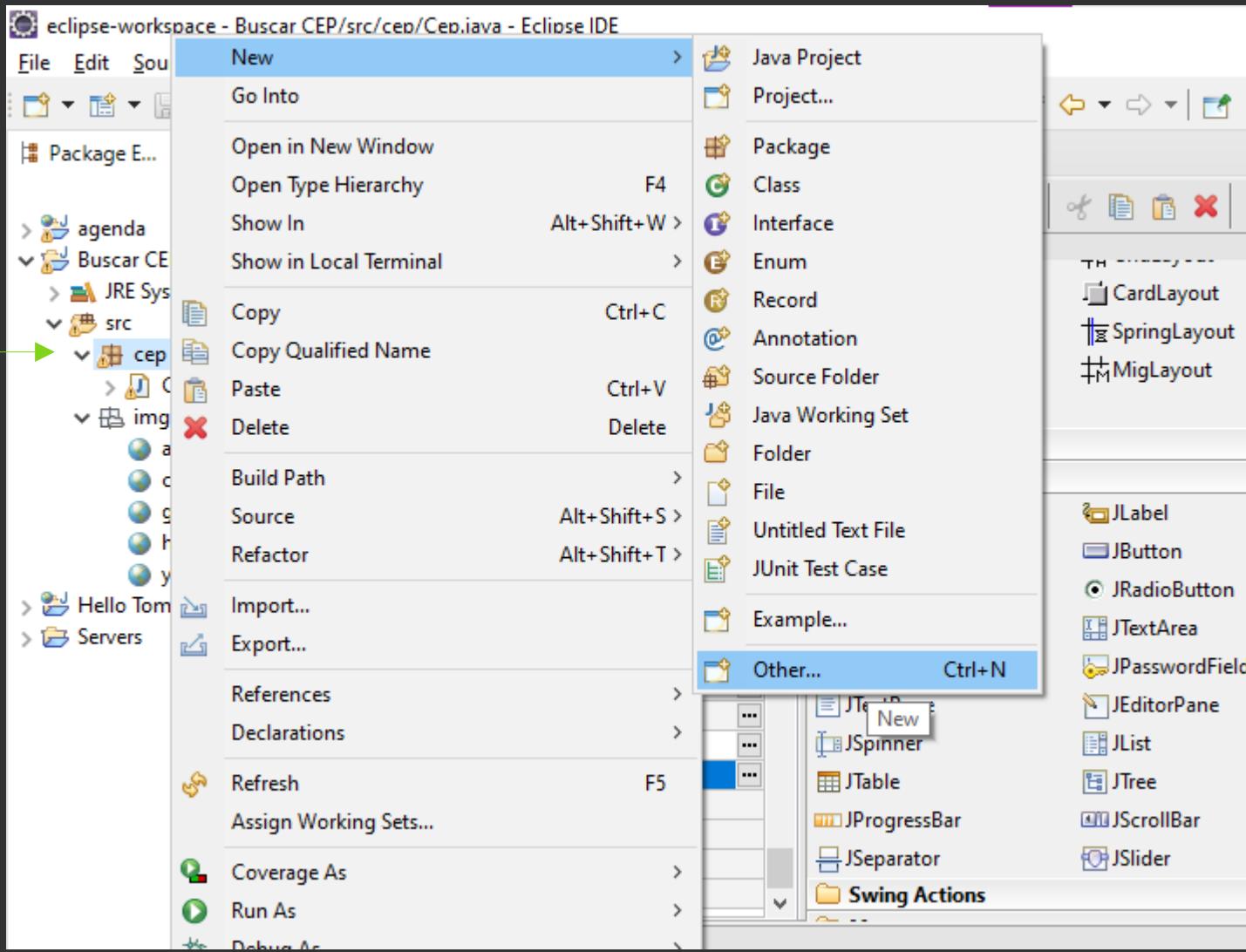
OK

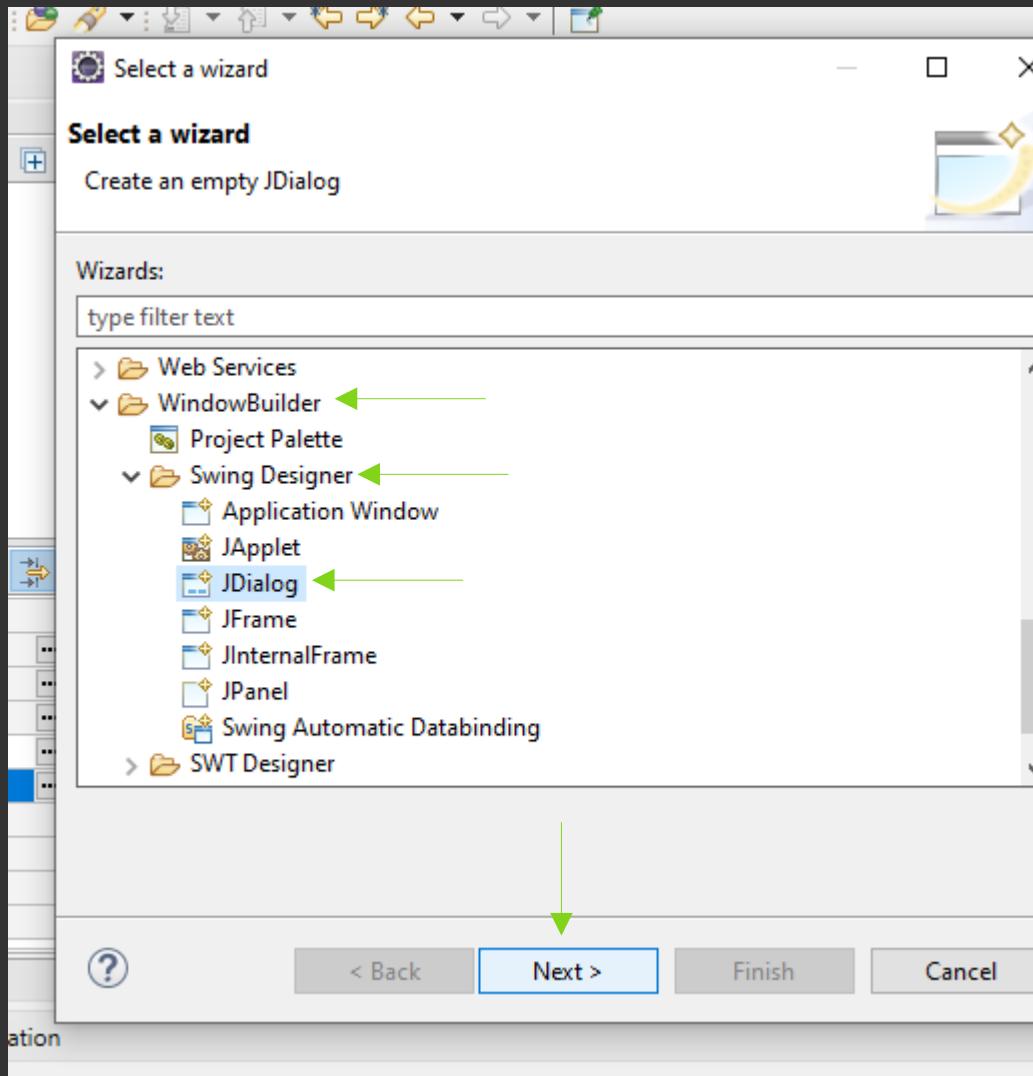
Cancel

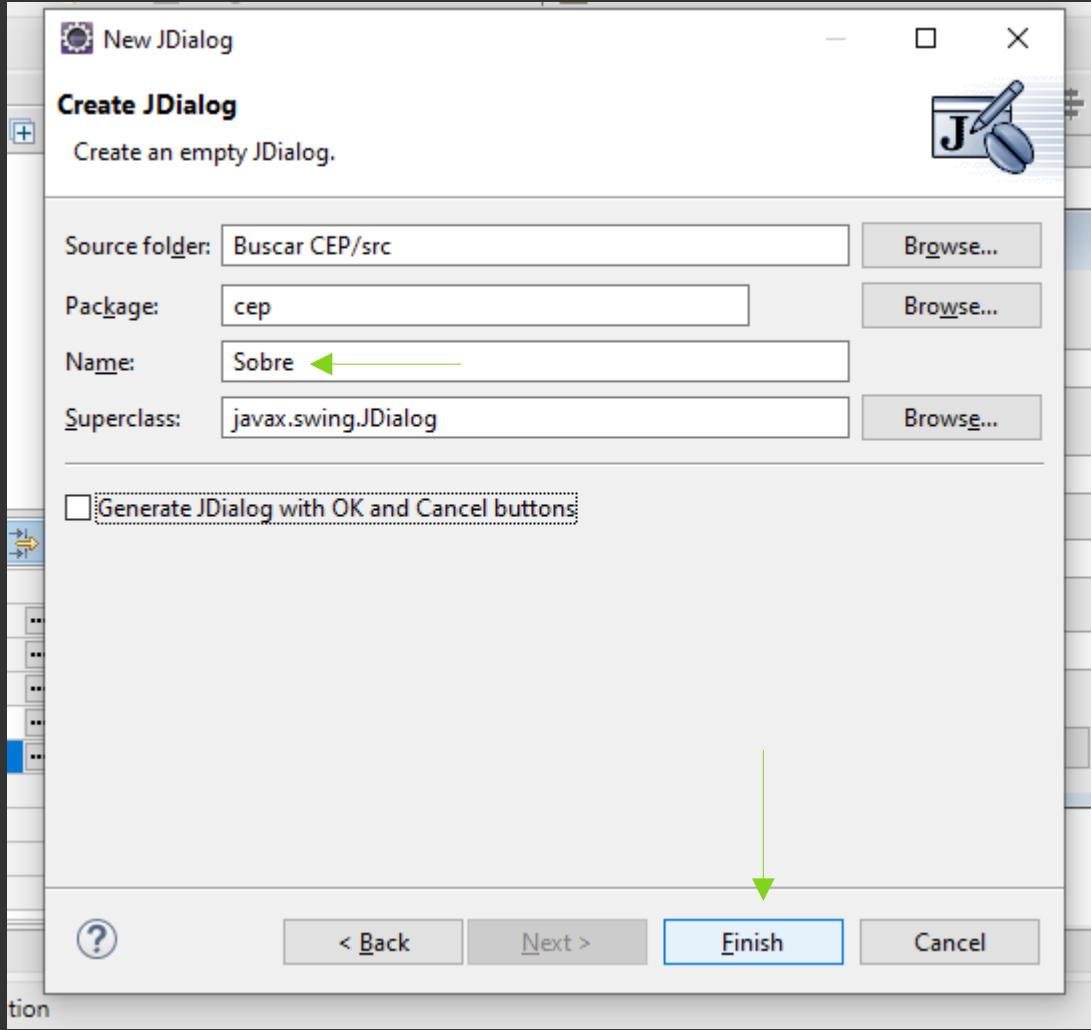
Save tudo e execute

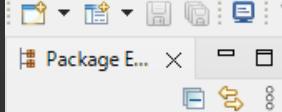












Cep.java Sobre.java

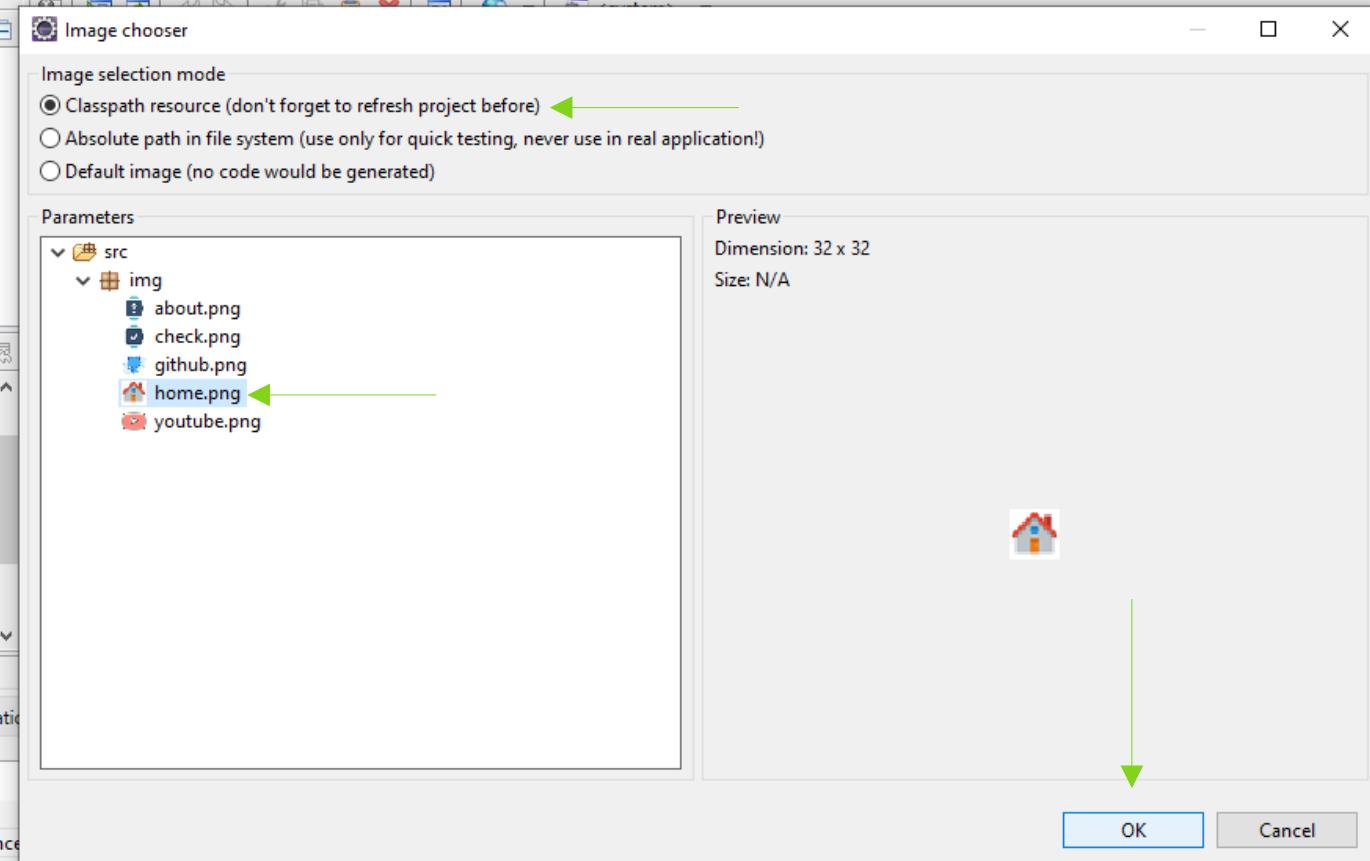
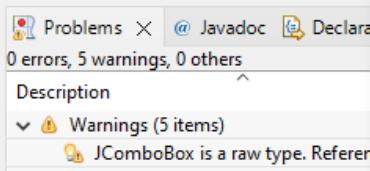
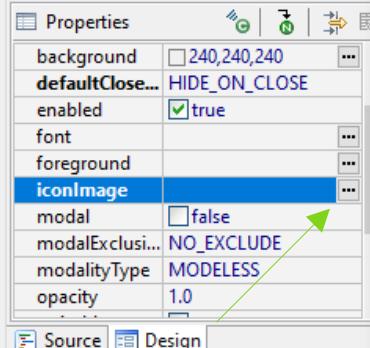
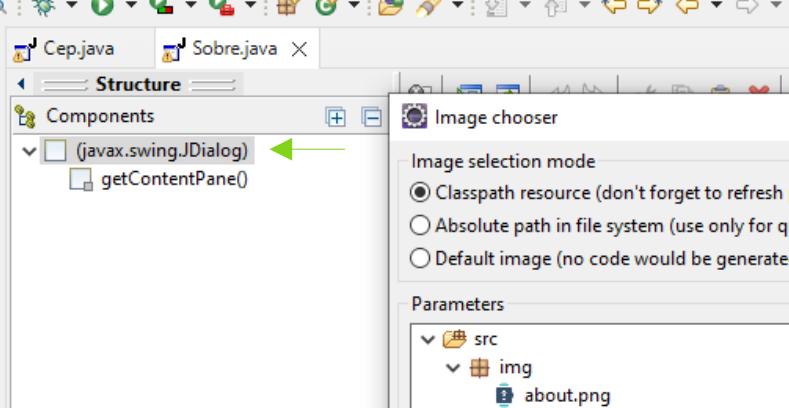
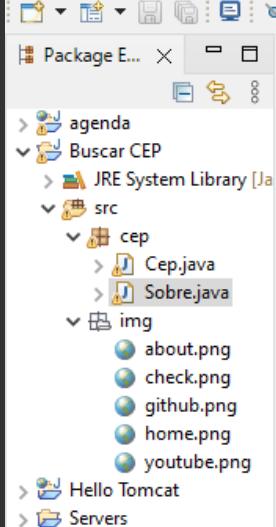
```
1 package cep;
2
3 import java.awt.EventQueue;
4
5
6
7 public class Sobre extends JDialog {
8
9     /**
10      * Launch the application.
11      */
12     public static void main(String[] args) {
13         EventQueue.invokeLater(new Runnable() {
14             public void run() {
15                 try {
16                     Sobre dialog = new Sobre();
17                     dialog.setDefaultCloseOperation(JDialog.DISPOSE_ON_CLOSE);
18                     dialog.setVisible(true);
19                 }
20             }
21         });
22     }
23 }
```

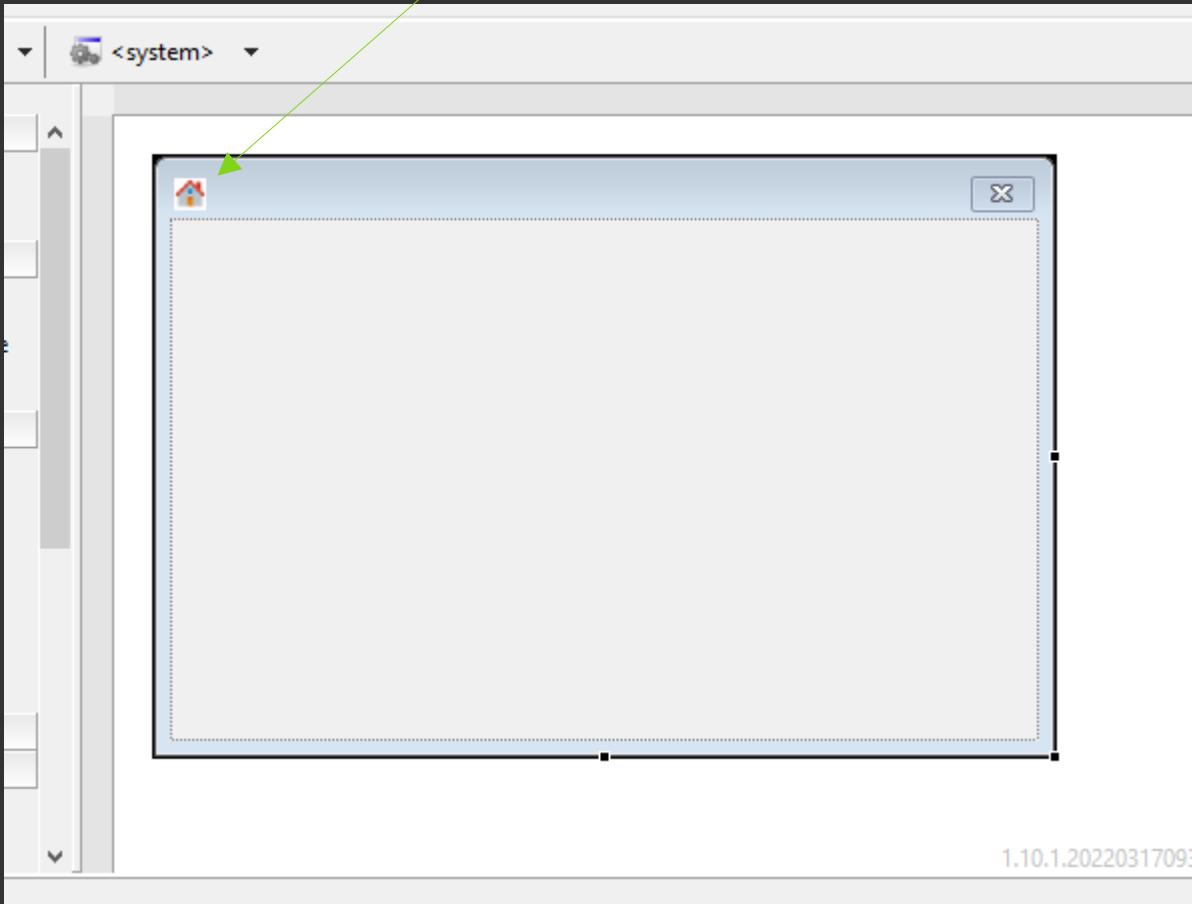
Source Design

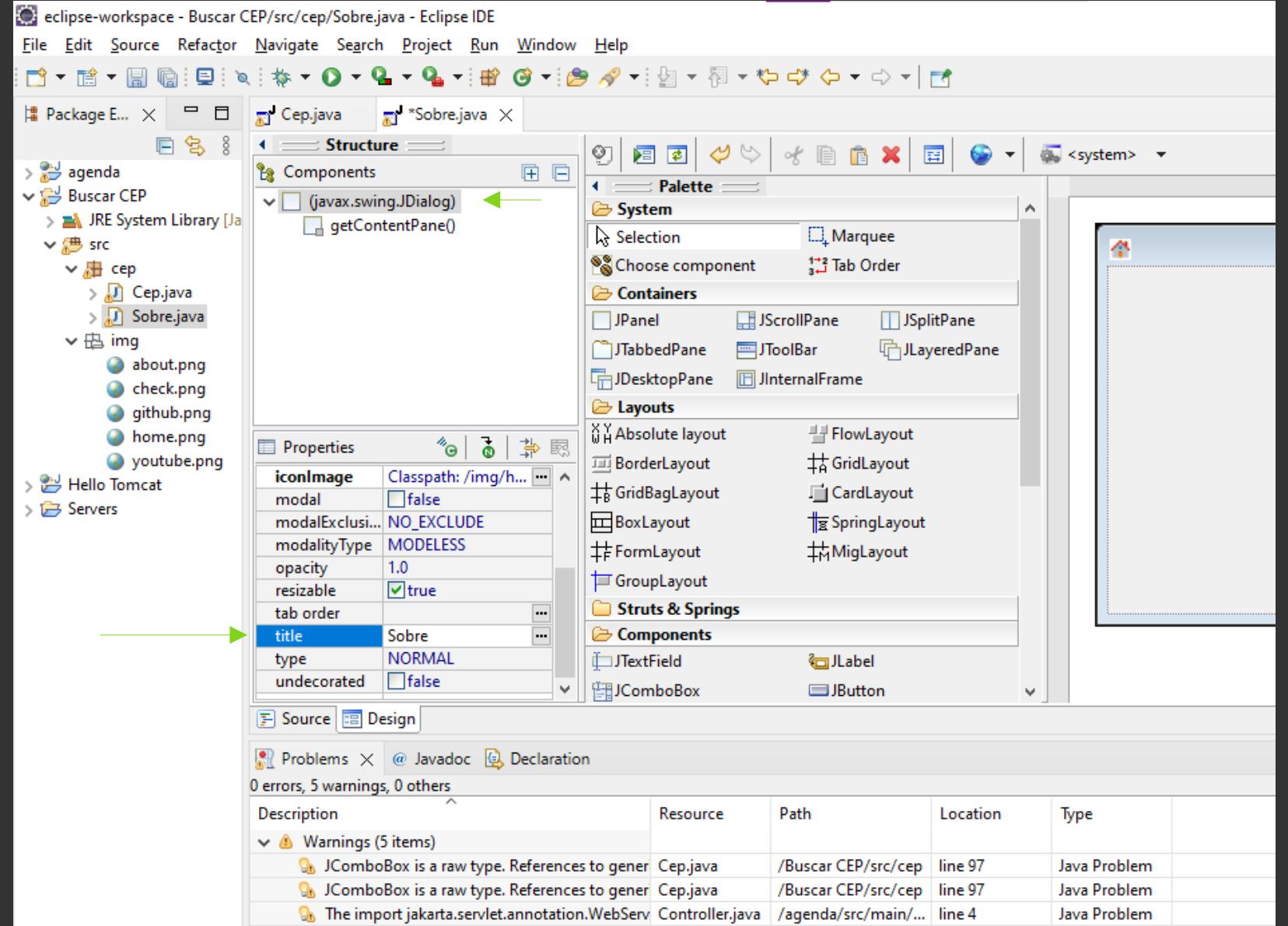
Problems X @ Javadoc Declaration

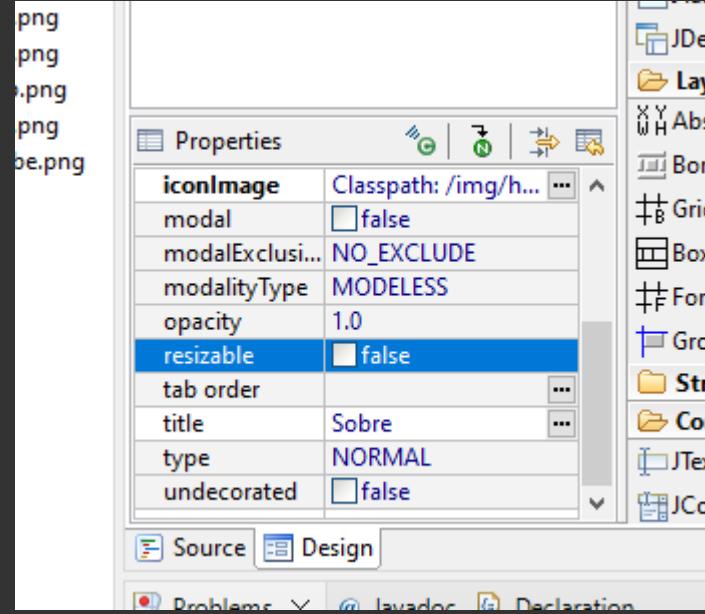
0 errors, 5 warnings, 0 others

Description	Resource	Path	Location	Type
▼ Warnings (5 items)				
JComboBox is a raw type. References to generic types	Cep.java	/Buscar CEP/src/cep	line 97	Java Problem
JComboBox is a raw type. References to generic types	Cep.java	/Buscar CEP/src/cep	line 97	Java Problem
The type Object does not have a suitable constructor. The constructor Object() is undefined. You must either define a constructor, or override a constructor defined by an ancestor class	Sobre.java	/Buscar CEP/src/cep	line 14	Java Problem









Salve tudo e execute

Package E... X □

agenda

Buscar CEP

JRE System Library [Ja]

src

cep

Cep.java

Sobre.java

img

about.png

check.png

github.png

home.png

youtube.png

Hello Tomcat

Servers

Cep.java Sobre.java X

Structure

Components

(javax.swing.JDialog)

getContentPane()

Palette

System

Selection Marquee

Sobre

Prop

iconl

moda

moda

moda

opacit

resizal

tab or

title

type NORMAL

undecorated false

JSplitPane

JLayeredPane

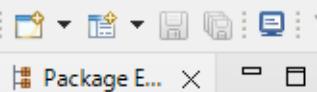
JTextFiel

JLabel

JComboBox

JButton

Source Design



Cep.java Sobre.java

Structure

Components

- (javax.swing.JDialog)
 - getContentPane()

Palette

System

- Selection
- Choose component
- Containers
 - JPanel
 - JScrollPane
 - JSplitPane
 - JTabbedPane
 - JToolBar
 - JLayeredPane
 - JDesktopPane
 - JInternalFrame
- Layouts
 - Absolute layout
 - FlowLayout
 - GridLayout
 - CardLayout
 - SpringLayout
 - MigLayout

Properties

Layout	
Class	java.awt.Container
background	240,240,240
enabled	<input checked="" type="checkbox"/> true
font	Tahoma 11
foreground	0,0,0
tab order	

Source Design

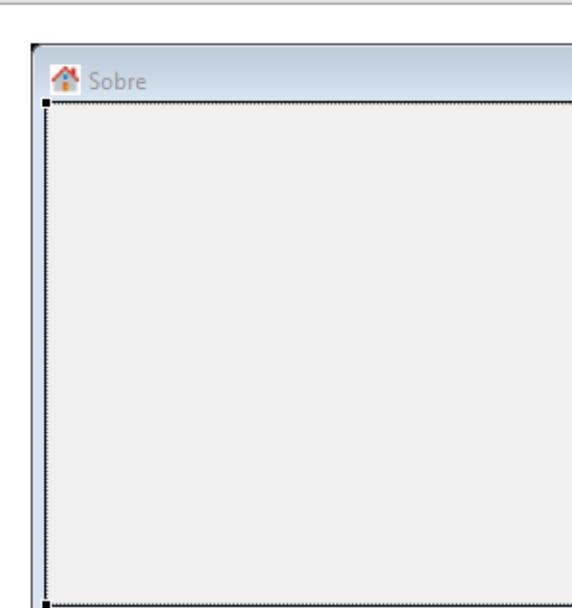
- Absolute layout
- FlowLayout
- GridLayout
- CardLayout
- SpringLayout
- MigLayout

BoxLayout

- GridLayout
- CardLayout
- GridBagLayout
- JGoodies FormLayout

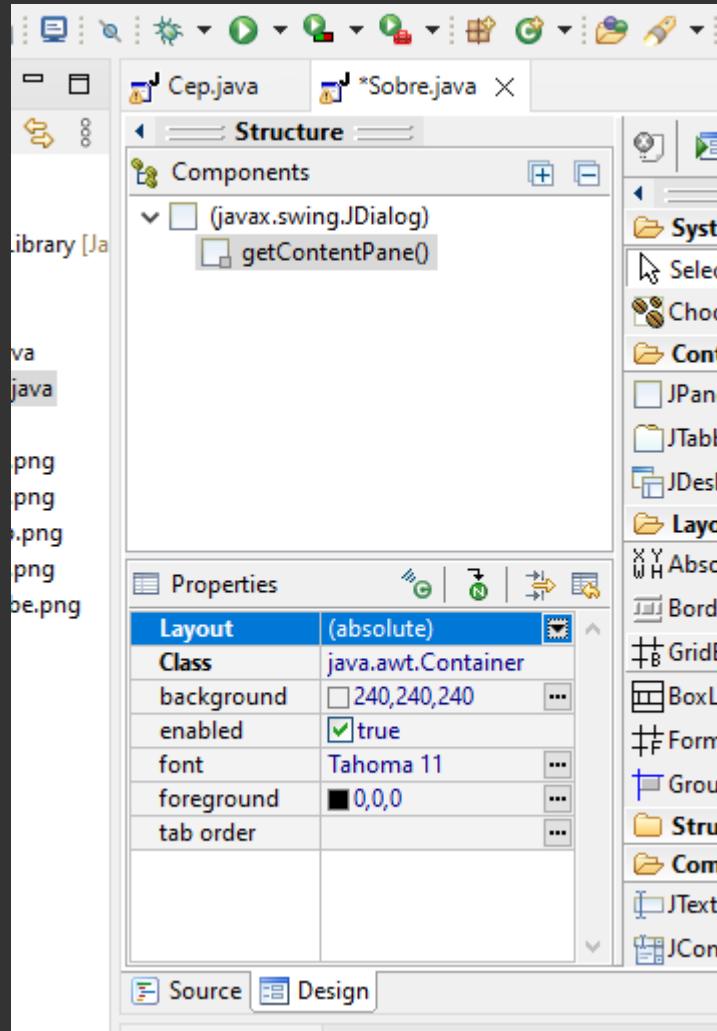
MigLayout

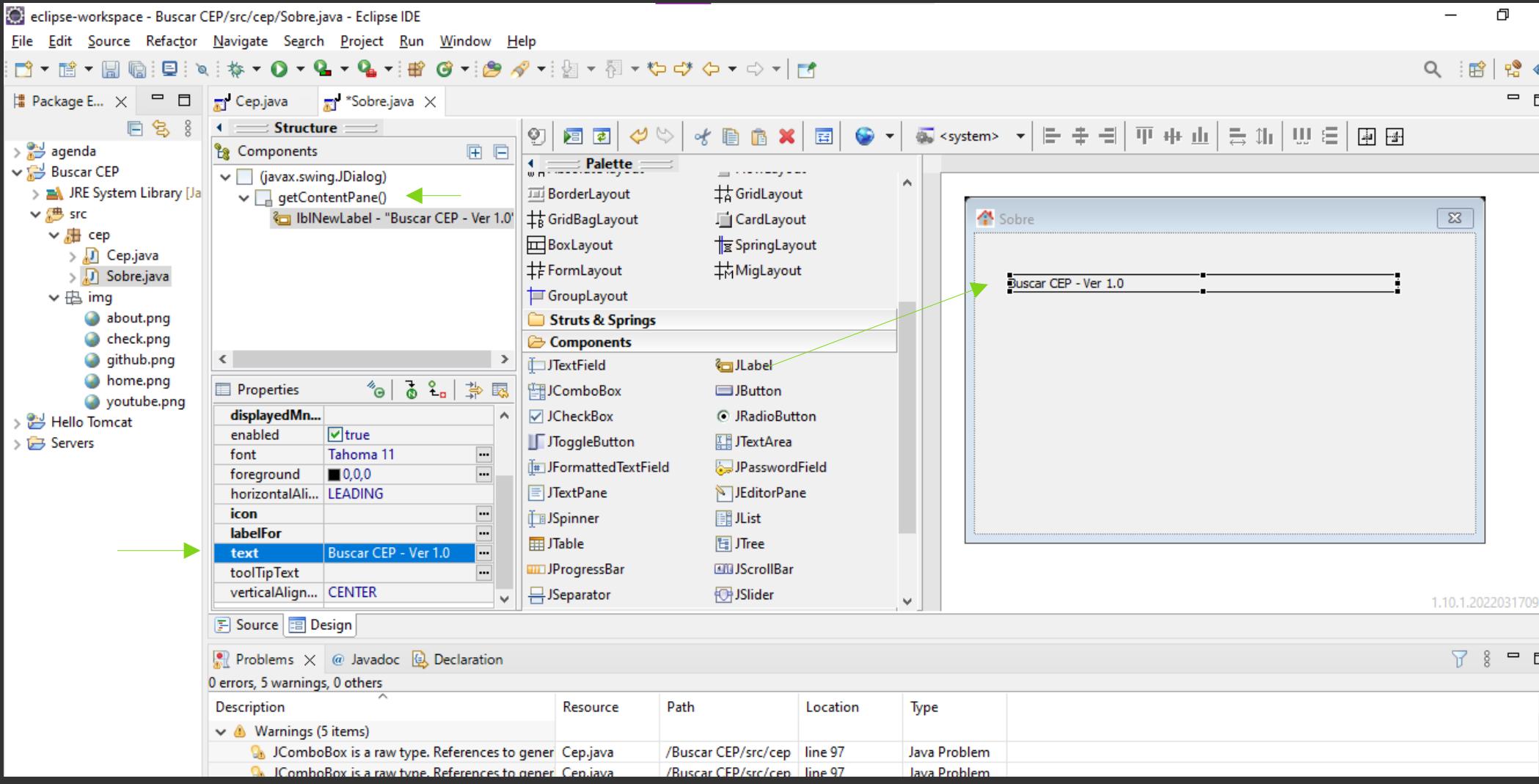
- GroupLayout

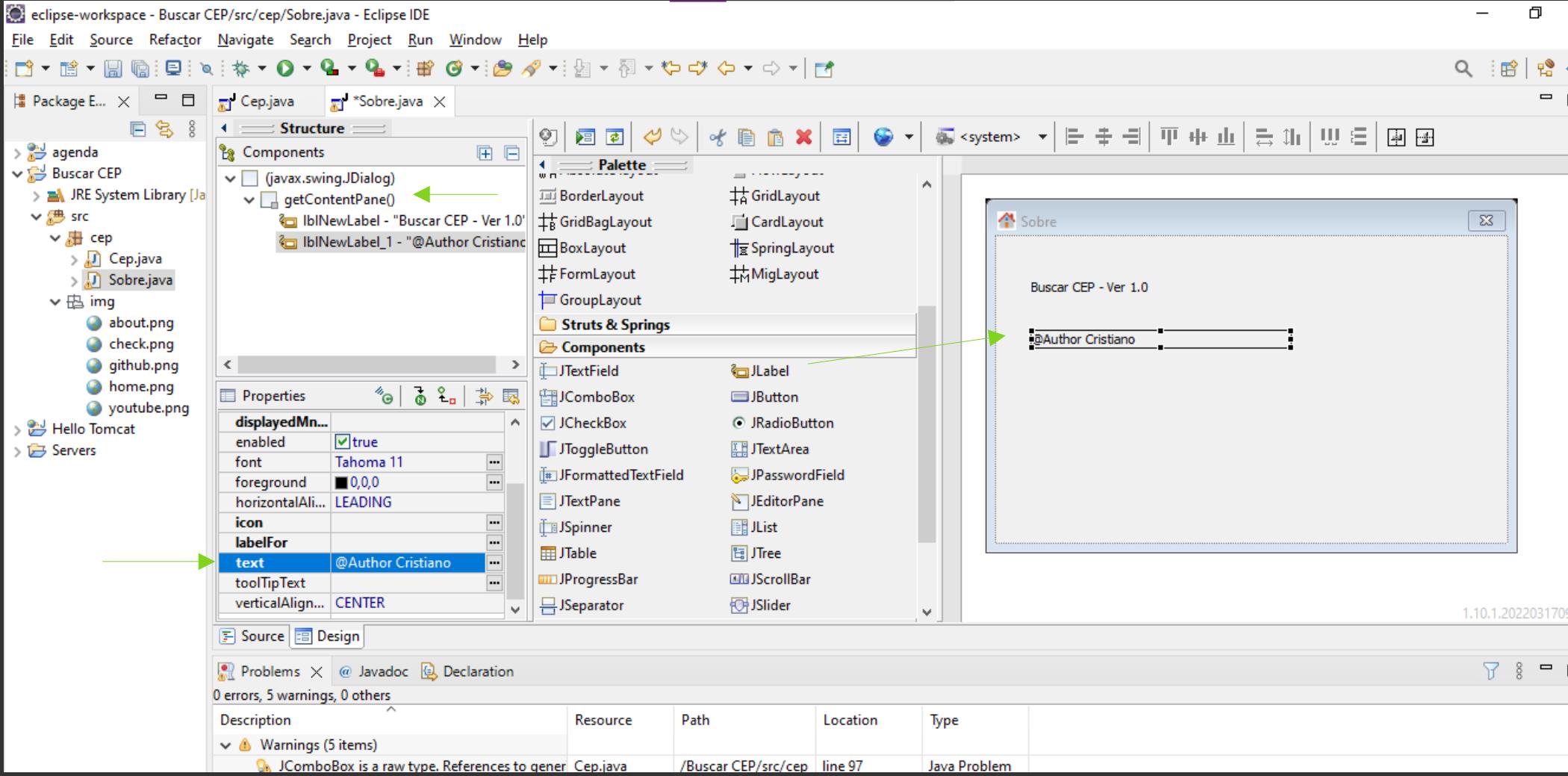


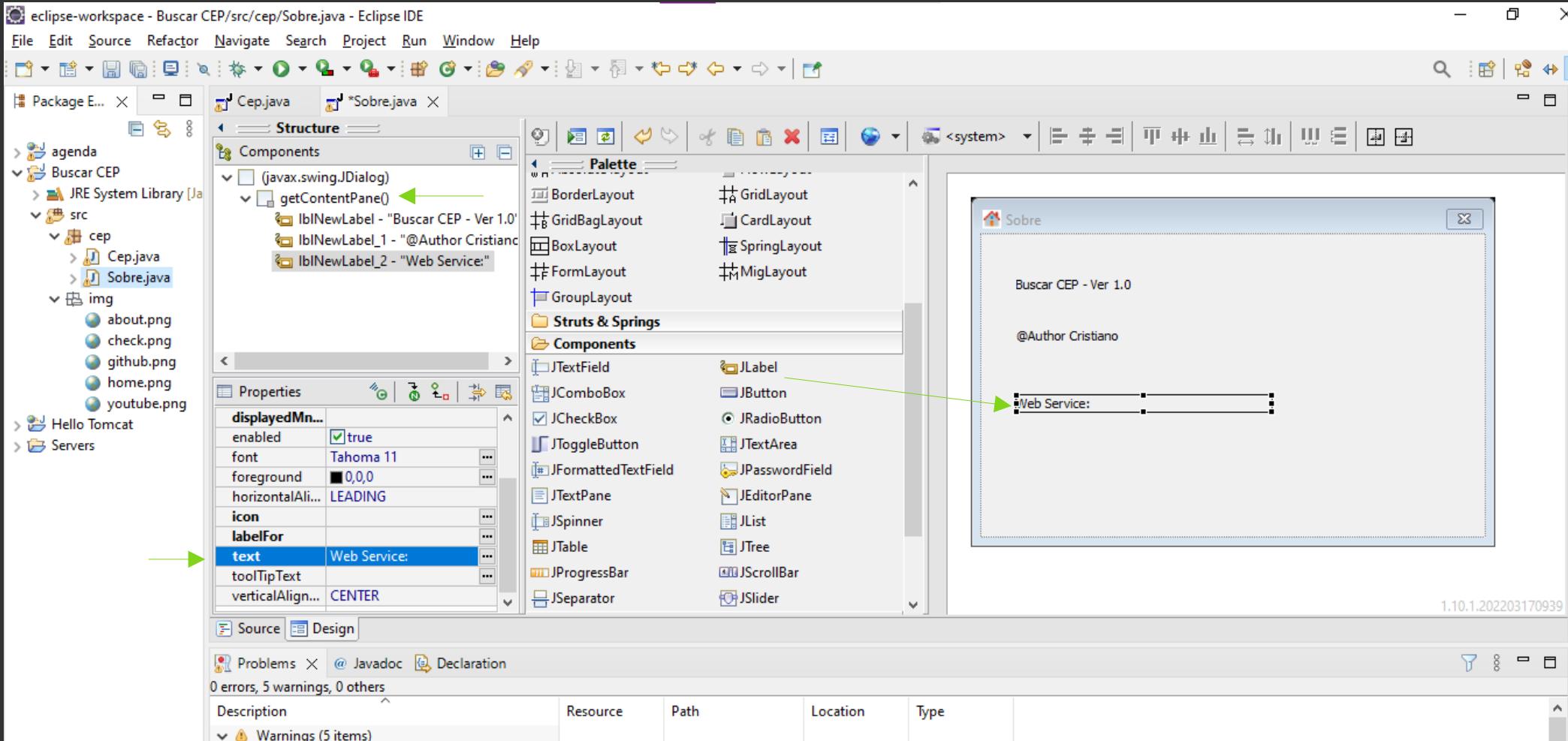
Problems X @ Javadoc Decl

0 errors, 5 warnings, 0 others









The screenshot shows the Eclipse IDE interface for Java development, specifically for a Java Swing application named "Sobre.java".

Left Sidebar (Project Explorer):

- Project: Buscar CEP
- Source Packages:
 - src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.png
 - check.png
 - github.png
 - home.png
 - youtube.png- Servers: Hello Tomcat

Central Area:

Structure View: Shows the class hierarchy. A green arrow points from the "Components" section to the "Properties" panel.

Properties Panel: Displays properties for the selected component, "JLabel". The "text" property is set to "Britonano@gmail.com". A green arrow points from the "Properties" panel to the "Design" view.

Palette: A list of Java Swing components and layout managers. Components include JLabel, JButton, JTextField, JComboBox, JCheckBox, JToggleButton, JFormattedTextField, JTextPane, JSpinner, JTable, JProgressBar, JSeparator, JPanel, JList, JTree, JScrollPane, and JSlider. Layout managers include BorderLayout, GridLayout, GridBagLayout, BoxLayout, FormLayout, GroupLayout, CardLayout, SpringLayout, and MigLayout.

Design View: Shows the visual representation of the window titled "Sobre". The window contains the text "Buscar CEP - Ver 1.0", the author's name "@Author Cristiano", and a "Web Service:" label followed by a text field containing "Britonano@gmail.com". A green arrow points from the "Properties" panel to the "Web Service:" label in the design view.

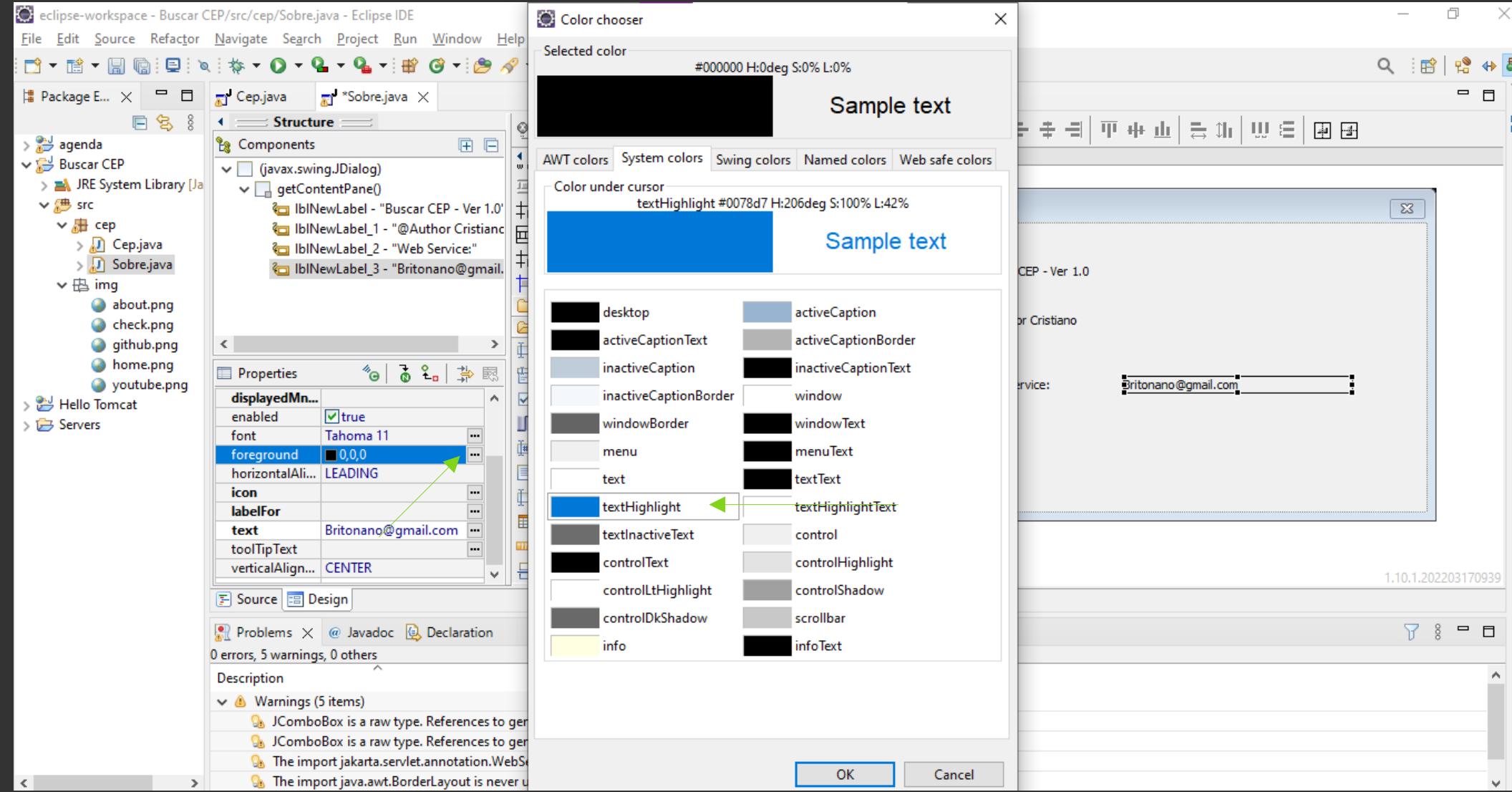
Bottom Status Bar: Shows the version number: 1.10.1.20220317093.

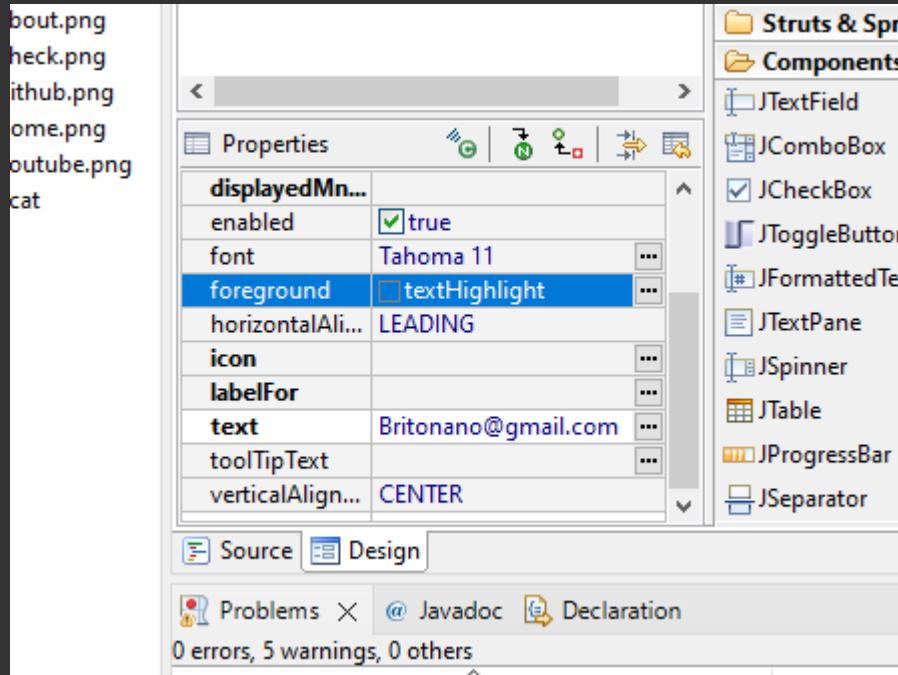
Bottom Status Bar (Details):

- Problems X @ Javadoc Declaration
- 0 errors, 5 warnings, 0 others

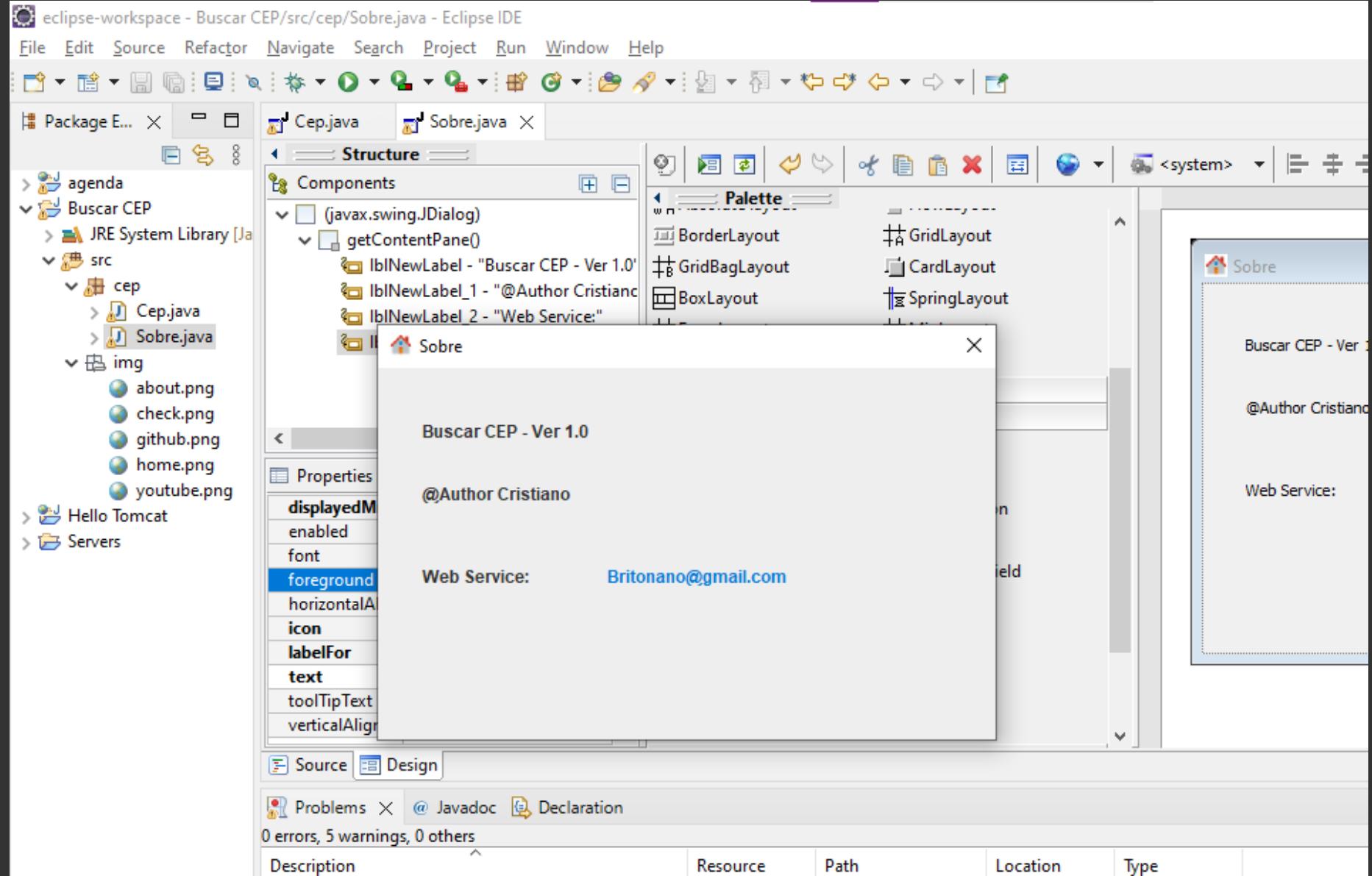
Bottom Table: A table showing warning details.

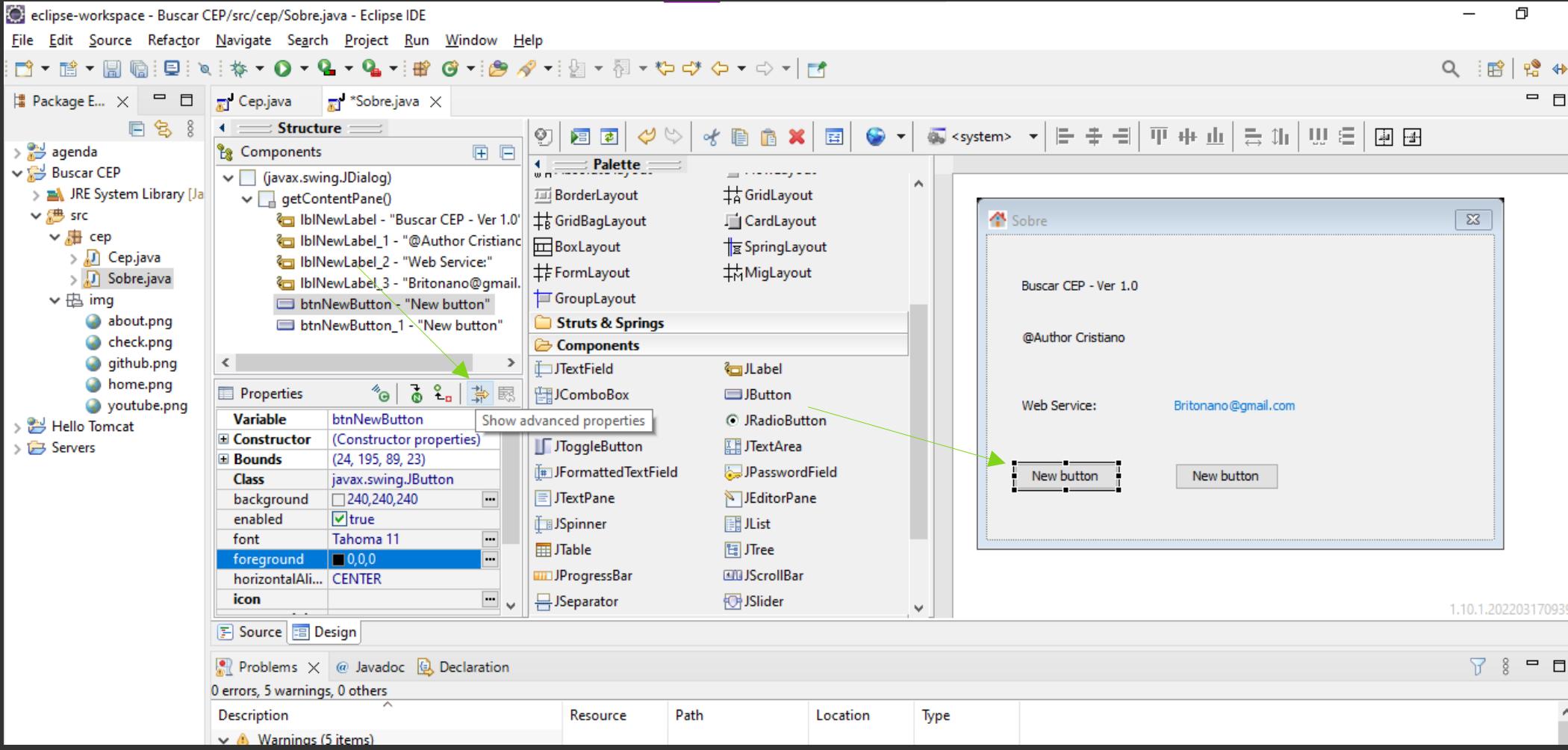
Description	Resource	Path	Location	Type
Warnings (5 items)				
JComboBox is a raw type. References to generic types	Cep.java	/Buscar CEP/src/cep	line 97	Java Problem
JComboBox is a raw type. References to generic types	Cep.java	/Buscar CEP/src/cep	line 97	Java Problem

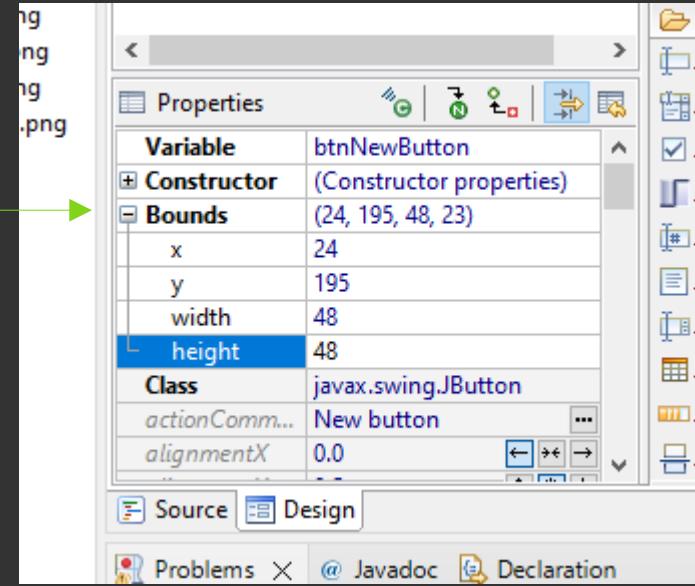




Salve tudo e execute







eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java *Sobre.java X

Structure Components

- (javax.swing.JDialog)
 - getContentPane()
 - IblNewLabel - "Buscar CEP - Ver 1.0"
 - IblNewLabel_1 - "@Author Cristiano"
 - IblNewLabel_2 - "Web Service:"
 - IblNewLabel_3 - "Britonano@gmail.com"
 - btnNewButton - "New button"
 - btnNewButton_1 - "New button"

Properties

alignmentX	0.0
alignmentY	0.5
autoscrolls	<input type="checkbox"/> false
background	#240,240,240
border	XPEmptyBorder
borderPainted	<input checked="" type="checkbox"/> true
bounds	(0, 0, 0, 0)
componentOrientation	UNKNOWN
contentAreaFocusable	<input checked="" type="checkbox"/> true
cursor	DEFAULT_CURSOR

Source Design

Problems X @ Javadoc Declaration

0 errors, 5 warnings, 0 others

Description

Warnings (5 items)

- JComboBox is a raw type. References to generic types JComboBox<?> should be explicitly typed. See the [Java Language Guide](#) for more information.
- The import jakarta.servlet.annotation.WebServlet should be explicitly typed. See the [Java Language Guide](#) for more information.
- The import java.awt.BorderLayout is never used.

Color chooser

Selected color #f0f0f0 H:0deg S:0% L:94%

AWT colors System colors Swing colors Named colors Web safe colors

Color under cursor control #f0f0f0 H:0deg S:0% L:94%

Sample text

desktop	activeCaption
activeCaptionText	activeCaptionBorder
inactiveCaption	inactiveCaptionText
inactiveCaptionBorder	window
windowBorder	windowText
menu	menuText
text	textText
textHighlight	textHighlightText
textInactiveText	control
controlText	controlHighlight
controlLtHighlight	controlShadow
controlDkShadow	scrollbar
info	infoText

OK Cancel

CEP - Ver 1.0

or Cristiano

service: Br

about.png check.png github.png home.png youtube.png

Hello Tomcat Servers

57 : 32 : 1494

Package E... X □ Cep.java *Sobre.java X

Structure Components (javax.swing.JDialog) getContentPane() IblNewLabel - "Buscar CEP - Ver 1.0" IblNewLabel_1 - "@Author Cristiano" IblNewLabel_2 - "Web Service:" IblNewLabel_3 - "Britonano@gmail.com" btnNewButton - "New button" btnNewButton_1 - "New button"

Border editor

Border type (no border)

Border properties

Preview JButton JButton

Properties alignmentX 0.0 alignmentY 0.5 autoscrolls false background control border XPEmptyBorder borderPainted true bounds (0, 0, 0, 0) componentOrientation UNKNOWN contentAreaFilled true cursor DEFAULT_CURSOR

Source Design

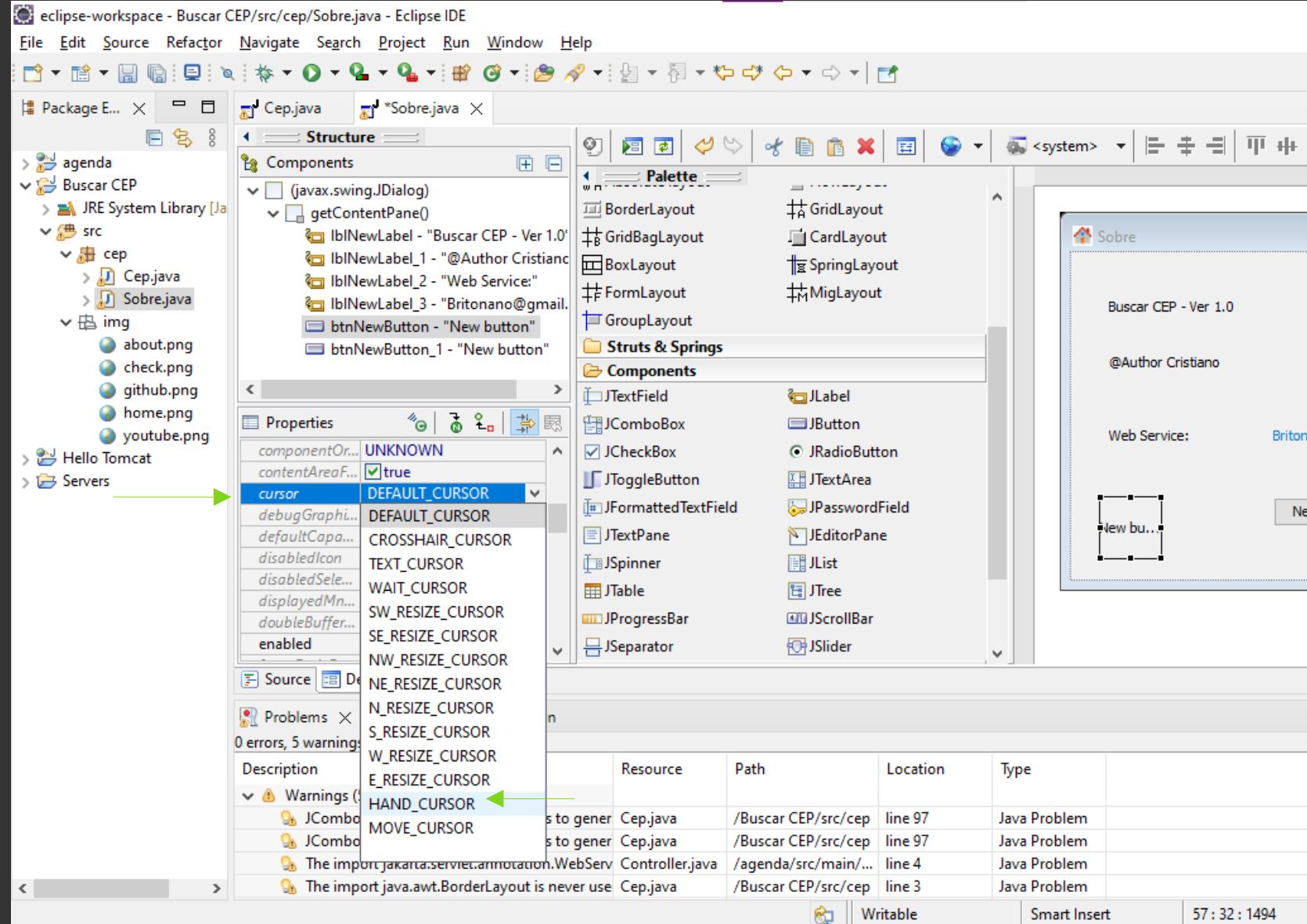
Problems X @ Javadoc Declaration 0 errors, 5 warnings, 0 others

Description Resource Path Location Type

Warnings (5 items) Cep.java /Buscar CEP/src/cep line 97 java Problem

JComboBox is a raw type. References to generic types Cep.java must be parameterized. The type 'Cep.java' is not generic and cannot be parameterized.

OK Cancel





Package E... X

Structure

Components

- (javax.swing.JDialog)
 - getContentPane()
 - IblNewLabel - "Buscar CEP - Ver 1.0"
 - IblNewLabel_1 - "@Author Cristianc"
 - IblNewLabel_2 - "Web Service:"
 - IblNewLabel_3 - "Britonano@gmail.com"
 - IblNewButton - "New button"
 - IblNewButton_1 - "New button"

< >

Properties

horizontalAli...	CENTER
horizontalTex...	TRAILING
icon	<input style="border: 1px solid black; padding: 2px 5px; width: 15px; height: 15px;" type="button" value="..."/>
iconTextGap	4
ignoreRepaint	<input type="checkbox"/> false
inheritsPopu...	<input type="checkbox"/> false
locale	
location	(0, 0)
margin	(2, 14, 2, 14)
maximumSize	(89, 23)

Source Design

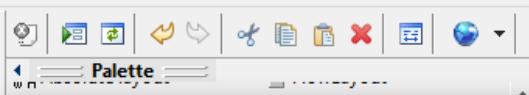
Problems X @ Javadoc Declaration

0 errors, 5 warnings, 0 others

Description

Warnings (5 items)

- ⚠ JComboBox is a raw type. References to generic type JComboBox<T> should be parameterized
- ⚠ JComboBox is a raw type. References to generic type JComboBox<T> should be parameterized
- ⚠ The import jakarta.servlet.annotation.WebServlet is never used
- ⚠ The import java.awt.BorderLayout is never used



Palette

Image chooser

Image selection mode

- Classpath resource (don't forget to refresh project before)
- Absolute path in file system (use only for quick testing, never use in real application!)
- No image ('null' would be used as image)
- Default image (no code would be generated)

Parameters

src

- img
 - about.png
 - check.png
 - github.png
 - home.png
 - youtube.png

< >

Preview

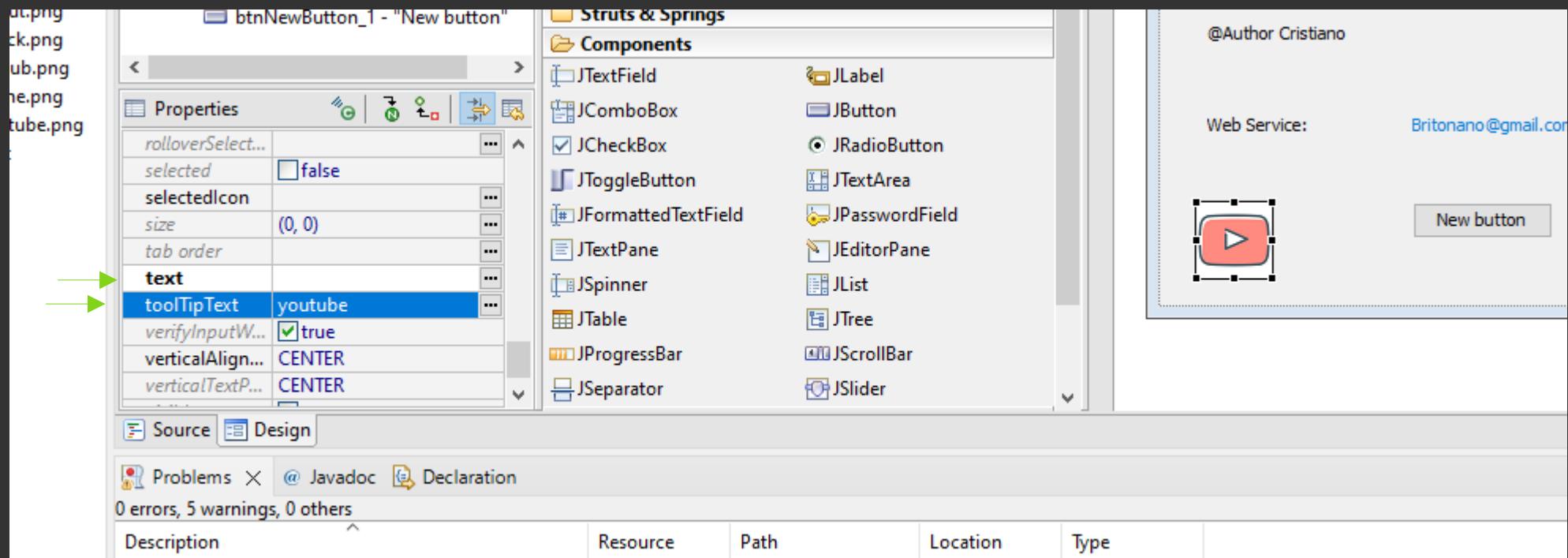
Dimension: 48 x 48

Size: N/A

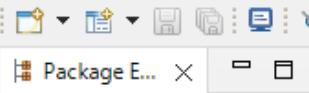


OK

Cancel



ADICIONE O BOTÃO DO GIT SALVE TUDO E EXECUTE



agenda

Buscar CEP

> JRE System Library [Ja]

src

cep

> Cep.java

> Sobre.java

img

about.png

check.png

github.png

home.png

youtube.png

Hello Tomcat

Servers

Cep.java Sobre.java X

Structure

Components

- java.swing.JDialog
- getContentPane()
- IblNewLabel - "Buscar CEP - Ver 1.0"
- IblNewLabel_1 - "@Author Cristiano"
- IblNewLabel_2 - "Sobre"
- IblNewLabel_3 - "E"
- btnNewButton - "
- btnNewButton_1 - "

Palette

<system>

- BorderLayout
- GridLayout
- GridBagLayout
- CardLayout

Buscar CEP - Ver 1.0

@Author Cristiano

Web Service: Britonano@gmail.com



Projeto

Sobre

Buscar CEP - Ver 1.0

@Author Cristiano

Web Service:

Britonano@gmail.com



Source Design

Problems X @ Javadoc Declaration

0 errors, 5 warnings, 0 others

Description	Resource	Path	Location	Type
-------------	----------	------	----------	------

RENOME-AR OS CAMPOS

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Structure *Cep.java X Sobre.java

Components

- IlblNewLabel - "CEP"
- txtCep
- IlblNewLabel_1 - "Endereço"
- textField_1
- IlblNewLabel_2 - "Bairro"
- textField_2
- IlblNewLabel_3 - "Cidade"
- textField_3
- IlblNewLabel_4 - "UF"
- comboBox

Properties

Variable	txtCep
Bounds	(88, 39, 107, 20)
x	88
y	39
width	107
height	20
Class	javax.swing.JTextField
actionCo...	
alignmentX	0.5
alignmentY	0.5

Palette

- GridBagLayout
- BoxLayout
- FormLayout
- GroupLayout
- Struts & Springs
- Components
- JTextField
- JComboBox
- JCheckBox
- JToggleButton
- JFormattedTextField
- JTextPane
- JSpinner
- JTable
- JProgressBar
- JSeparator
- Swing Actions
- JLabel
- JButton
- JRadioButton
- JTextArea
- JPasswordField
- JEditorPane
- JList
- JTree
- JScrollBar
- JSlider

Buscar CEP

CEP: Buscar

Endereço:

Bairro:

Cidade: UF:

Limpar

txtCEP

Source Design

Problems X @ Javadoc Declaration

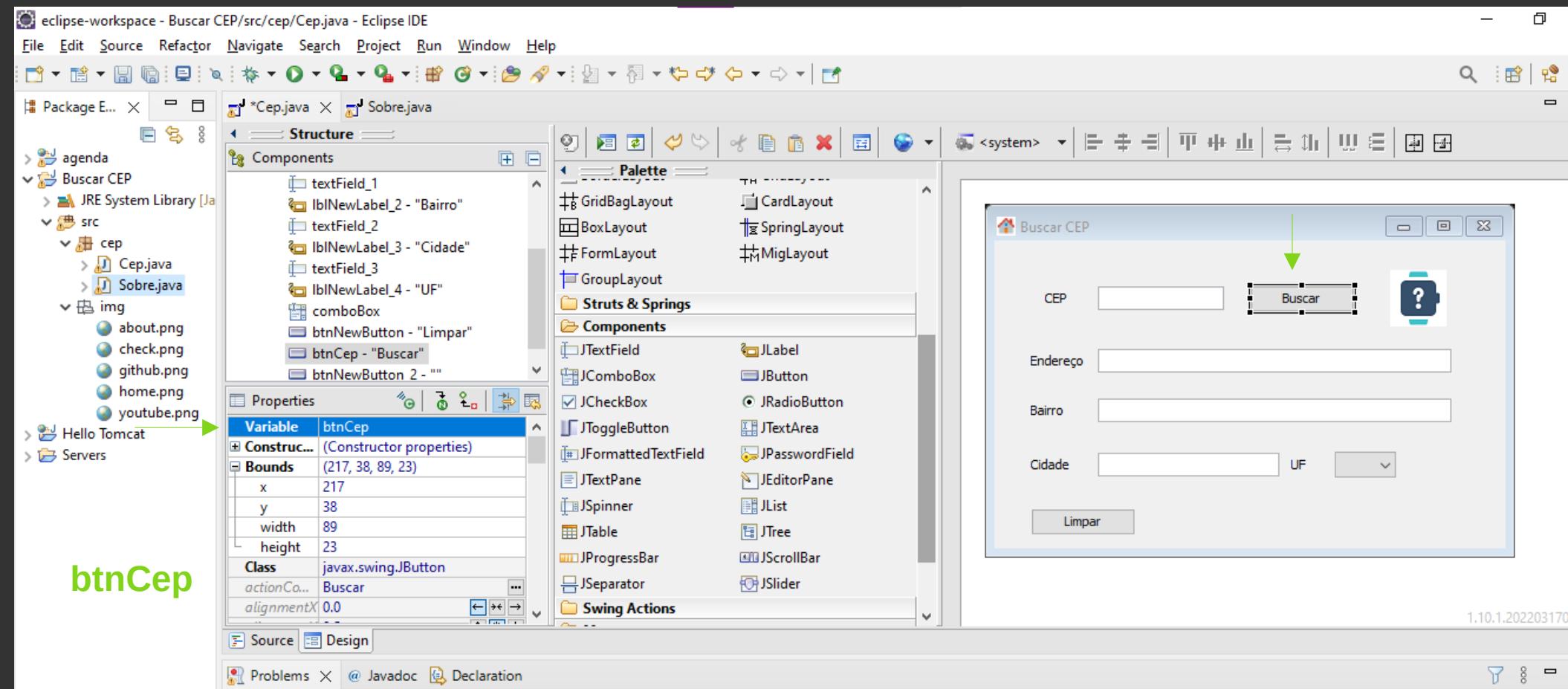
0 errors, 5 warnings, 0 others

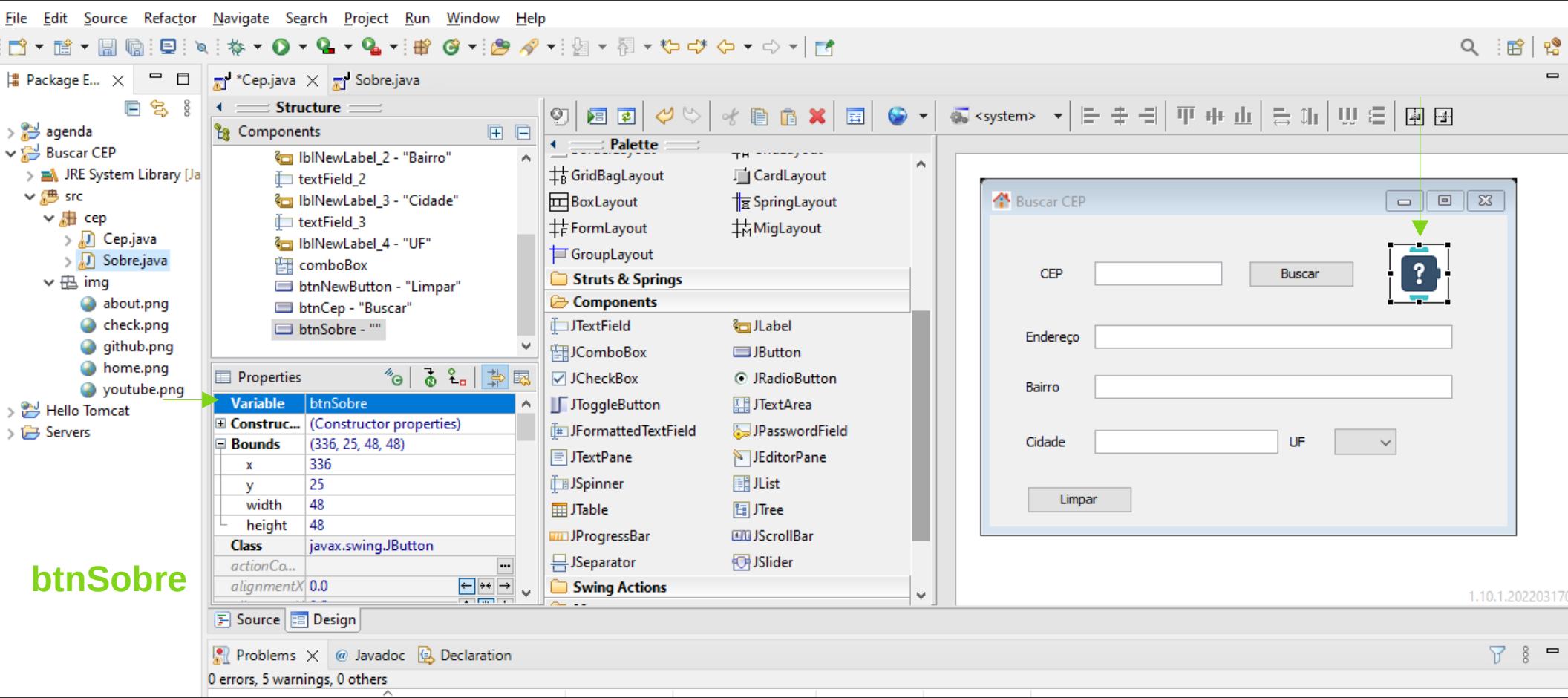
Description Resource Path Location Type

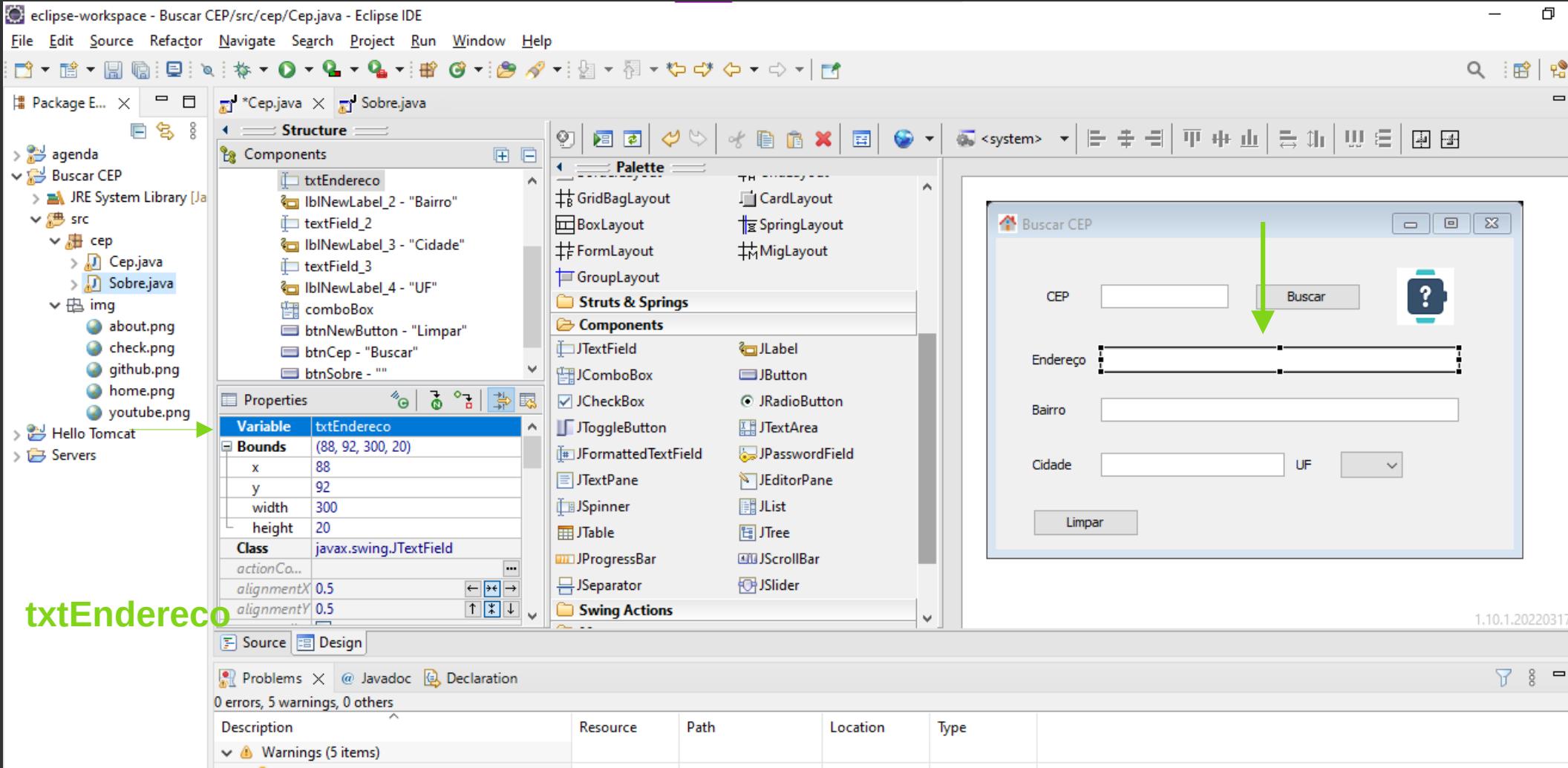
Warnings (5 items)

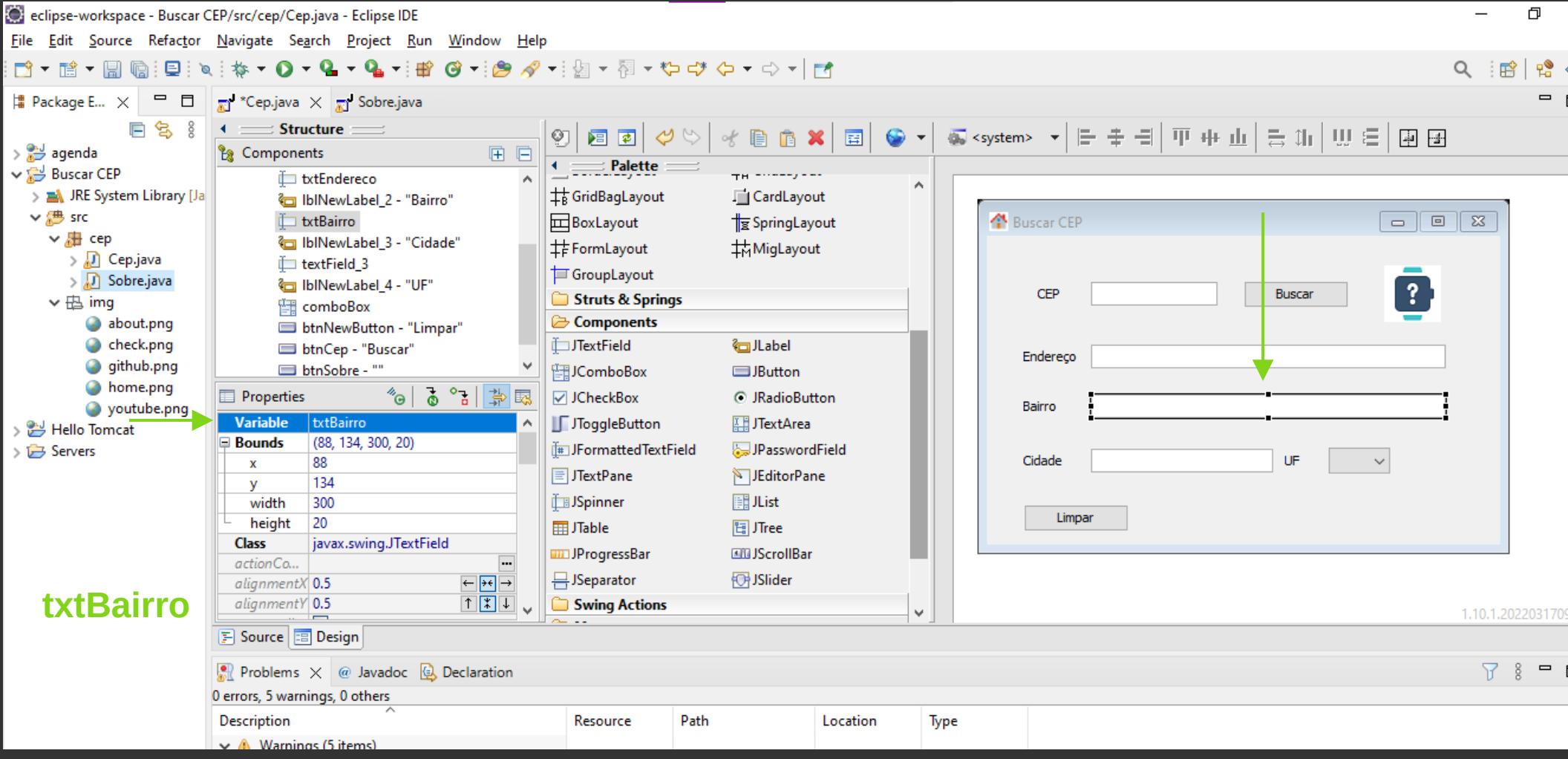
- JComboBox is a raw type. References to gener Cep.java /Buscar CEP/src/cep line 97 Java Problem
- JComboBox is a raw type. References to gener Cep.java /Buscar CEP/src/cep line 97 Java Problem
- The import jakarta.servlet.annotation.WebServlet Controller.java /agenda/src/main/... line 4 Java Problem
- The import java.awt.BorderLayout is never use Cep.java /Buscar CEP/src/cep line 3 Java Problem

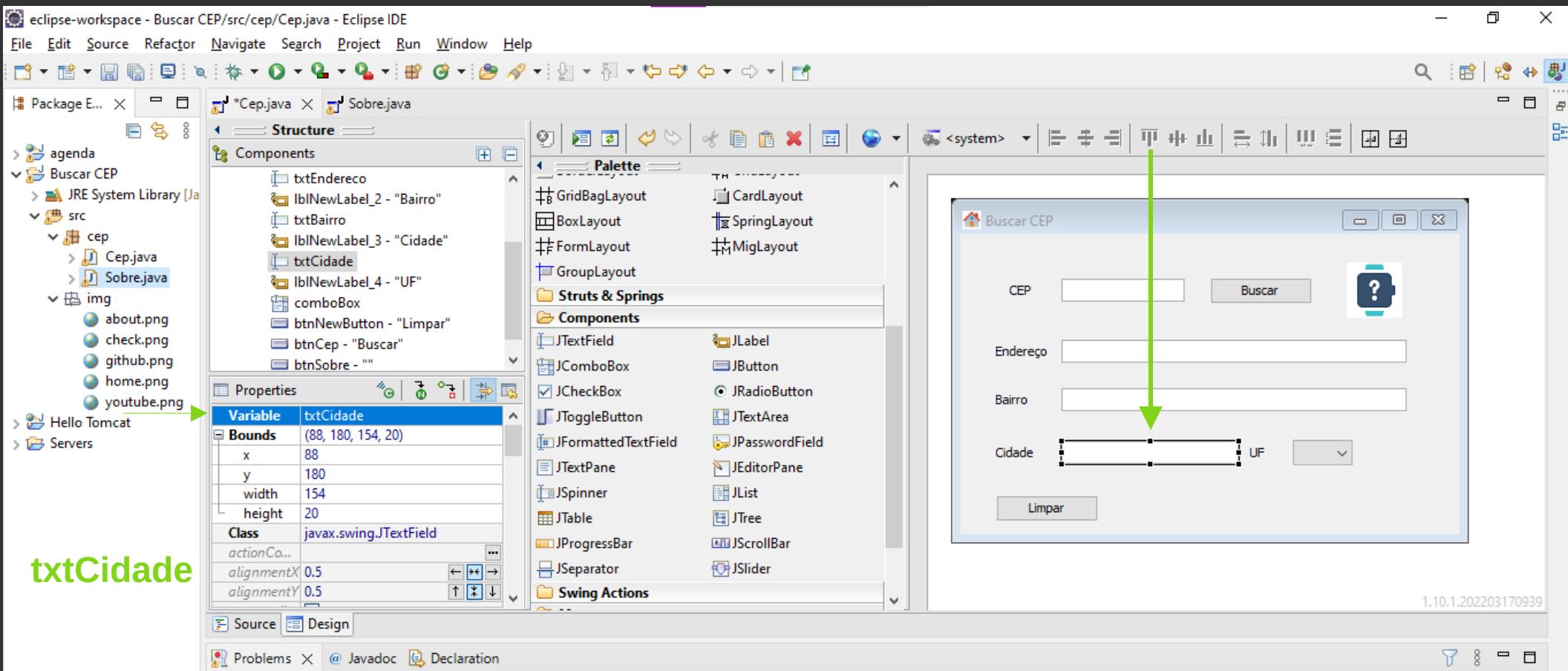
1.10.1.202203170939













Package E... X □

*Cep.java X Sobre.java

Structure

Components

- txtEndereco
- lblNewLabel_2 - "Bairro"
- txtBairro
- lblNewLabel_3 - "Cidade"
- txtCidade
- lblNewLabel_4 - "UF"
- comboBox
- btnLimpar - "Limpar"
- btnCep - "Buscar"
- btnSobre - ""

Properties

Variable: btnLimpar

Constructor properties

Bounds: (31, 227, 89, 23)

x: 31

y: 227

width: 89

height: 23

Class: javax.swing.JButton

actionCommand: Limpar

alignmentX: 0.0

Palette

GridBagLayout

BoxLayout

FormLayout

GroupLayout

Struts & Springs

Components

- JTextField
- JLabel
- JComboBox
- JButton
- JCheckBox
- JRadioButton
- JToggleButton
- JTextArea
- JFormattedTextField
- JOptionPane
- JTextPane
- JSpinner
- JList
- JTable
- JPasswordField
- JEditorPane
- JProgressBar
- JScrollBar
- JSeparator
- JSeparator
- JSwing Actions

Buscar CEP

CEP:

Buscar:

Endereço:

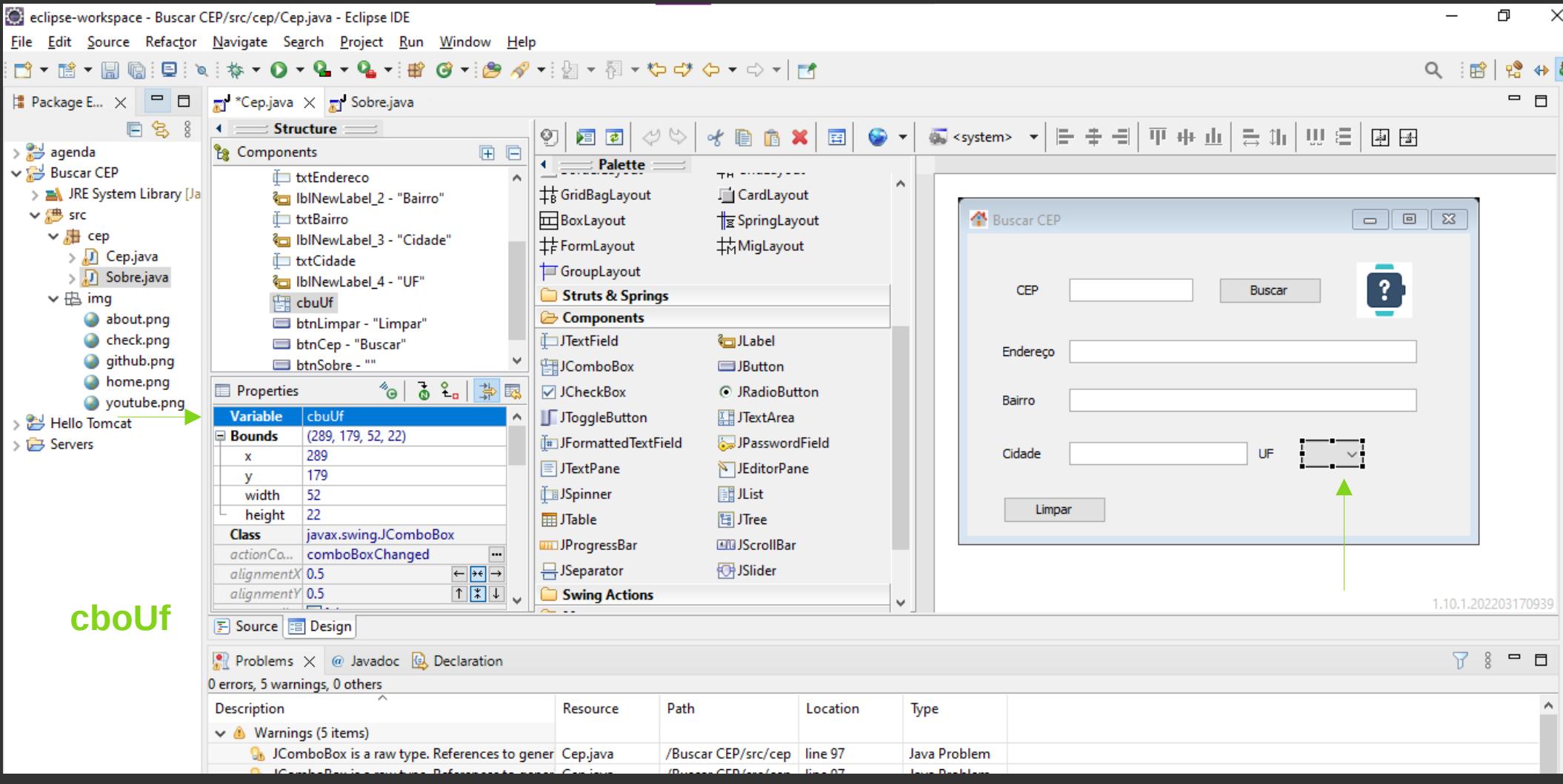
Bairro:

Cidade: UF:

Limpar:

btnLimpar

1.10.1





Search or jump to...



Pull requests Issues Marketplace Explore



professorjosedeassis / cep

Public

Watch 2

Fork 2

Star 4

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

main

cep / uf.txt

Go to file

...



professorjosedeassis Criei o arquivo uf.txt

*Ir no repositório do professor e copiar essas siglas
De estados uf.txt*

Latest commit 23b97a9 on 10 Aug 2021

History

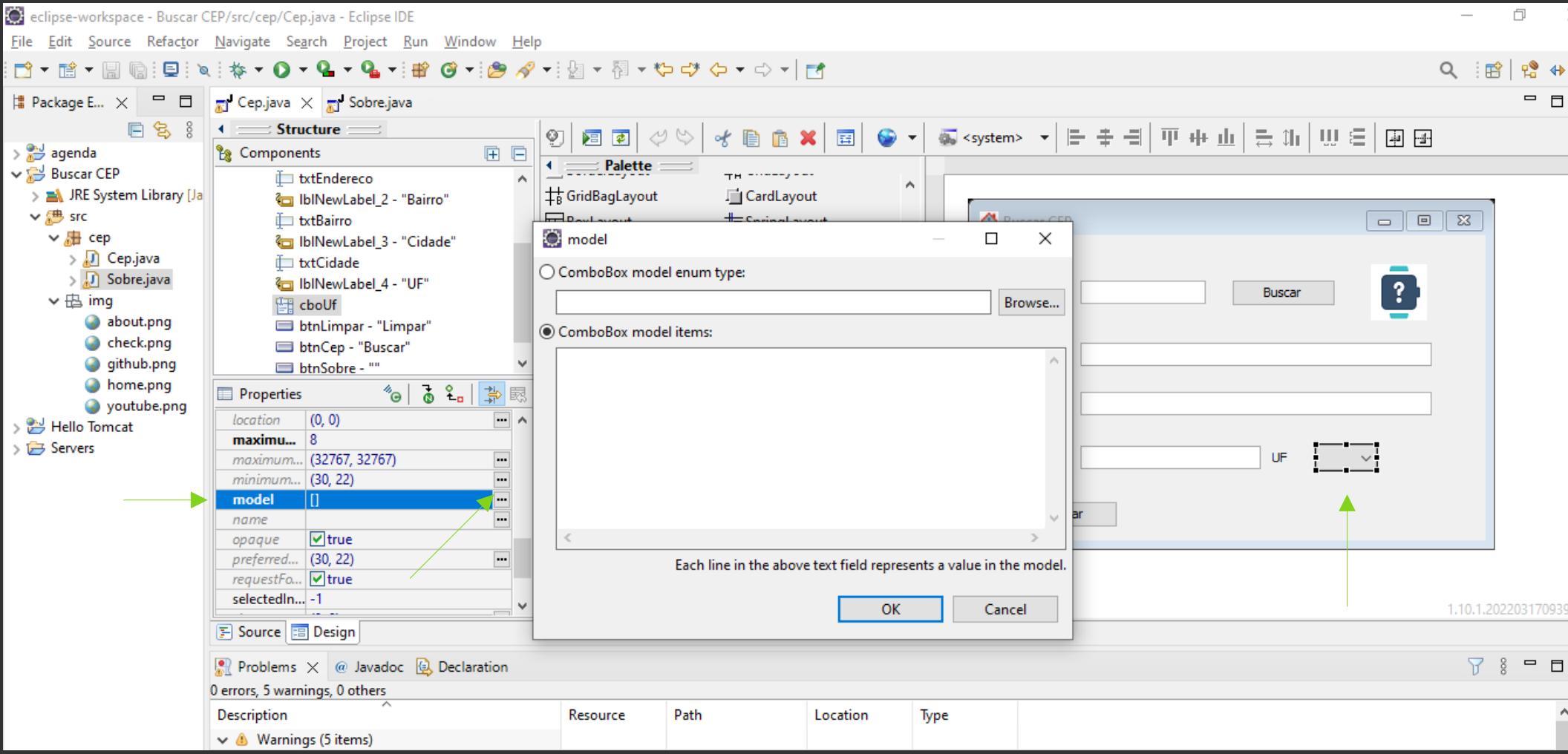
1 contributor

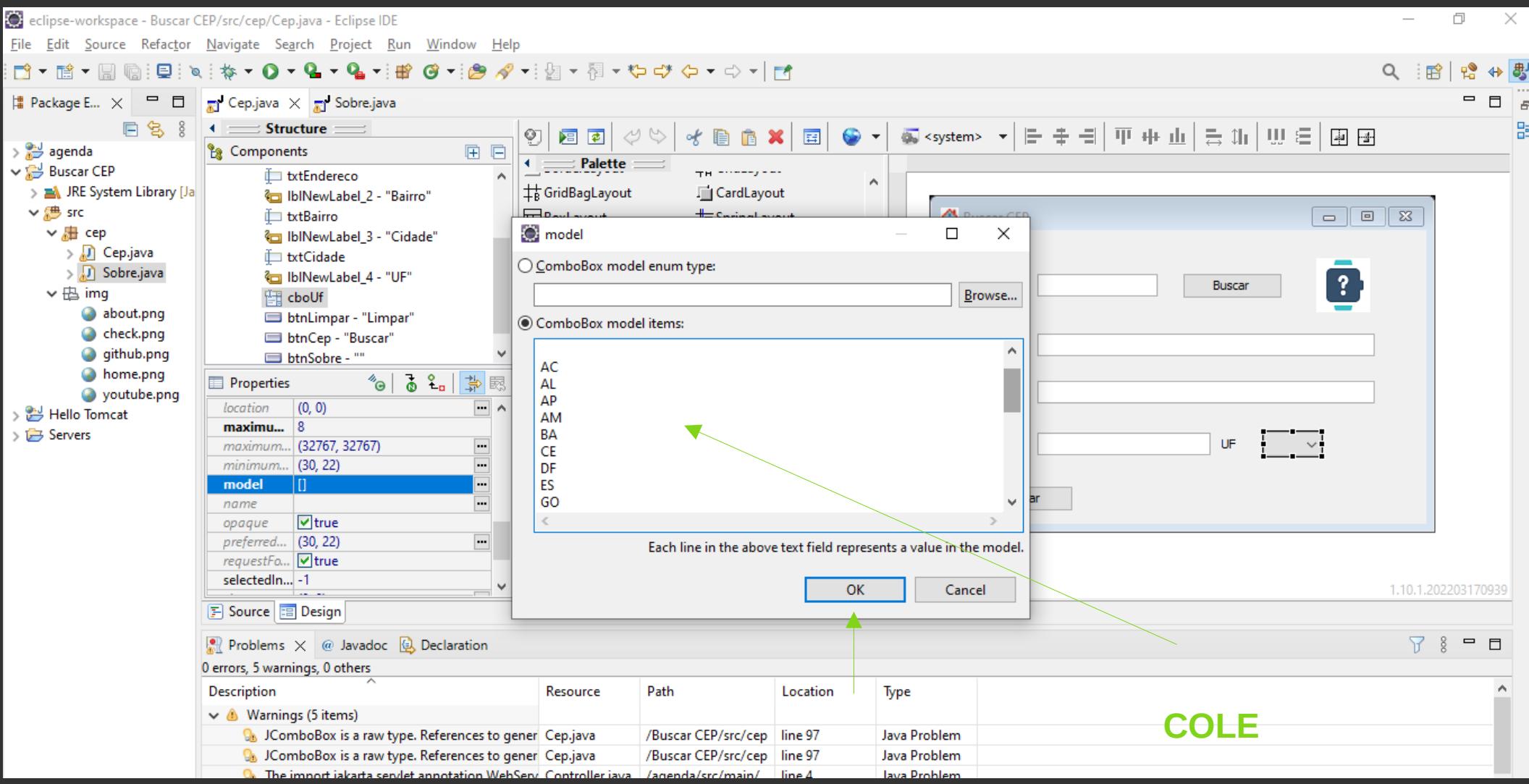
27 lines (27 sloc) | 81 Bytes

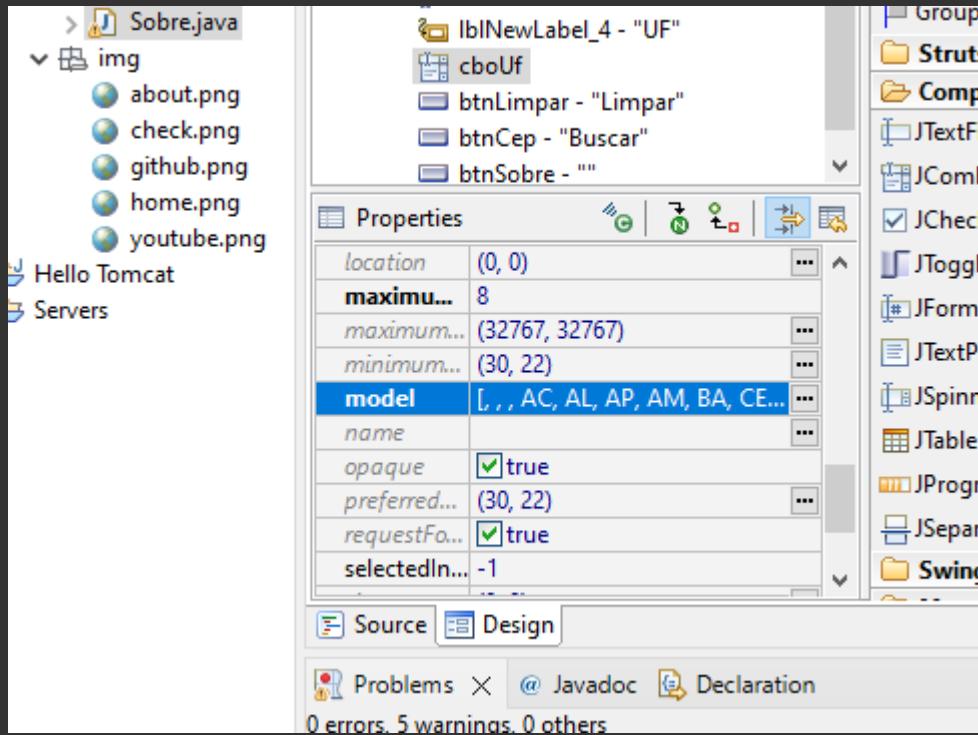
Raw Blame

```
1 AC
2 AL
3 AP
4 AM
5 BA
6 CE
7 DF
8 ES
9 GO
10 MA
11 MT
12 MS
```

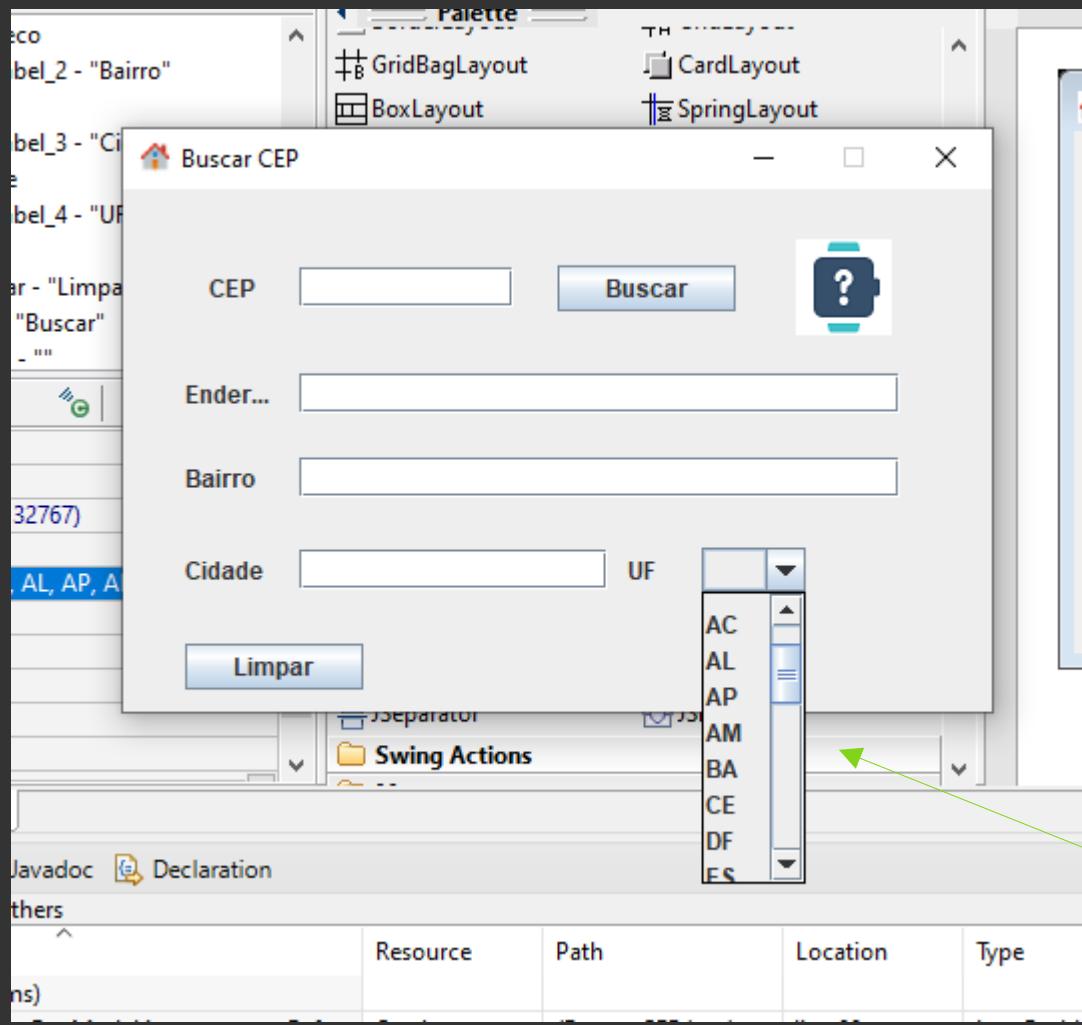








Salve tudo e execute





Views 2.6k

Playlist:

Iniciar tutorial

Bibliotecas:

atxy2k

- Abrir link em uma nova guia
 - Abrir link em uma nova janela
 - Abrir link em janela anônima

 - Salvar link como...
 - Copiar endereço do link

 - Inspecionar

atxy2k.github.io/RestrictedTextField/

RestrictedTextField

About Author



Engineering and Senior Developer,
HTML5, CSS3, JavaScript, PHP,
Python, Java, Android Developer,
friend and father.

SOCIAL



CONTENT

Home

Get Started

Documentation

Comments

SHARE IN



RestrictedTextField

Small library to limit behavior JTextField in Java

RestrictedTextField is a small library inspired in the limited behavior of Swing component provides, one of the common problems in use the component, it is very complex to manage the content that is being written, that is, there is no way to automatically validate the user to type certain characters we want, unless it is by manual code.

It is for this reason that the **RestrictedTextField** library provides an easy way to manipulate the component providing some utility functions that could benefit more than one person.

Latest Version (1.0)

The lastest version contain the next functions

- Allow limit the jTextField to only accept letters.
- Allow limit the jTextField to only accept numbers.
- Allow limit the jTextField to only accept one numbers of characters defined.
- Allow writing only alphanumeric characters.
- Allow manage the characters predefined, regardless if it is numeric, letter, or simultaneous.
- Allow accept spaces

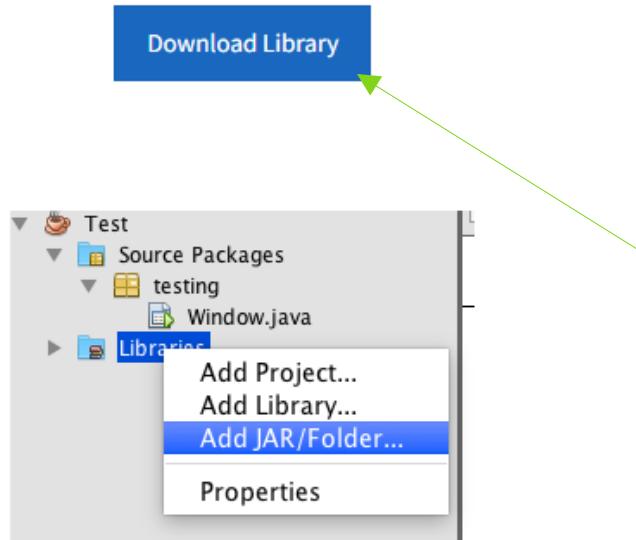
RestrictedTextField



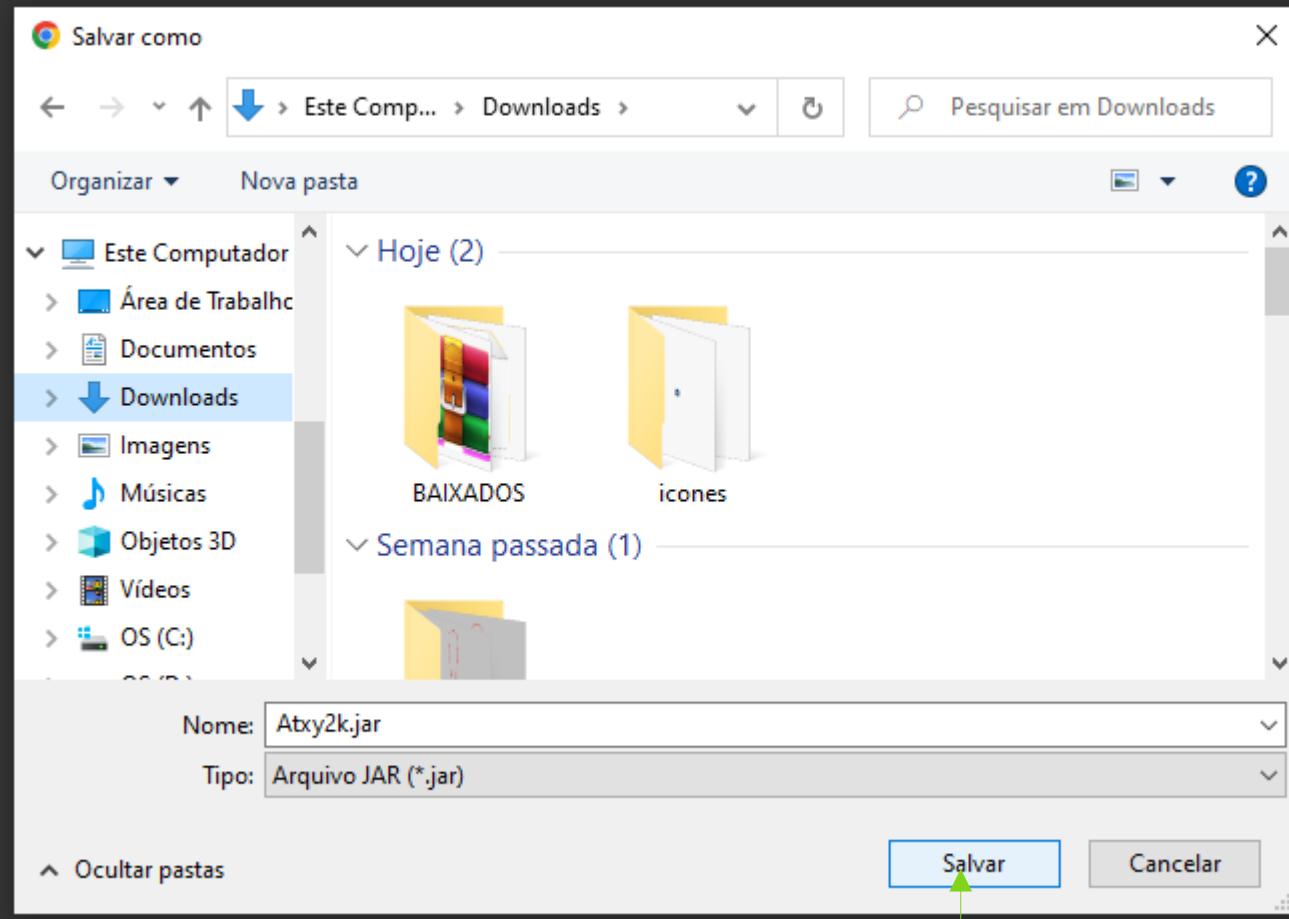
Get Started

The library use is really very simple

Add library to Project



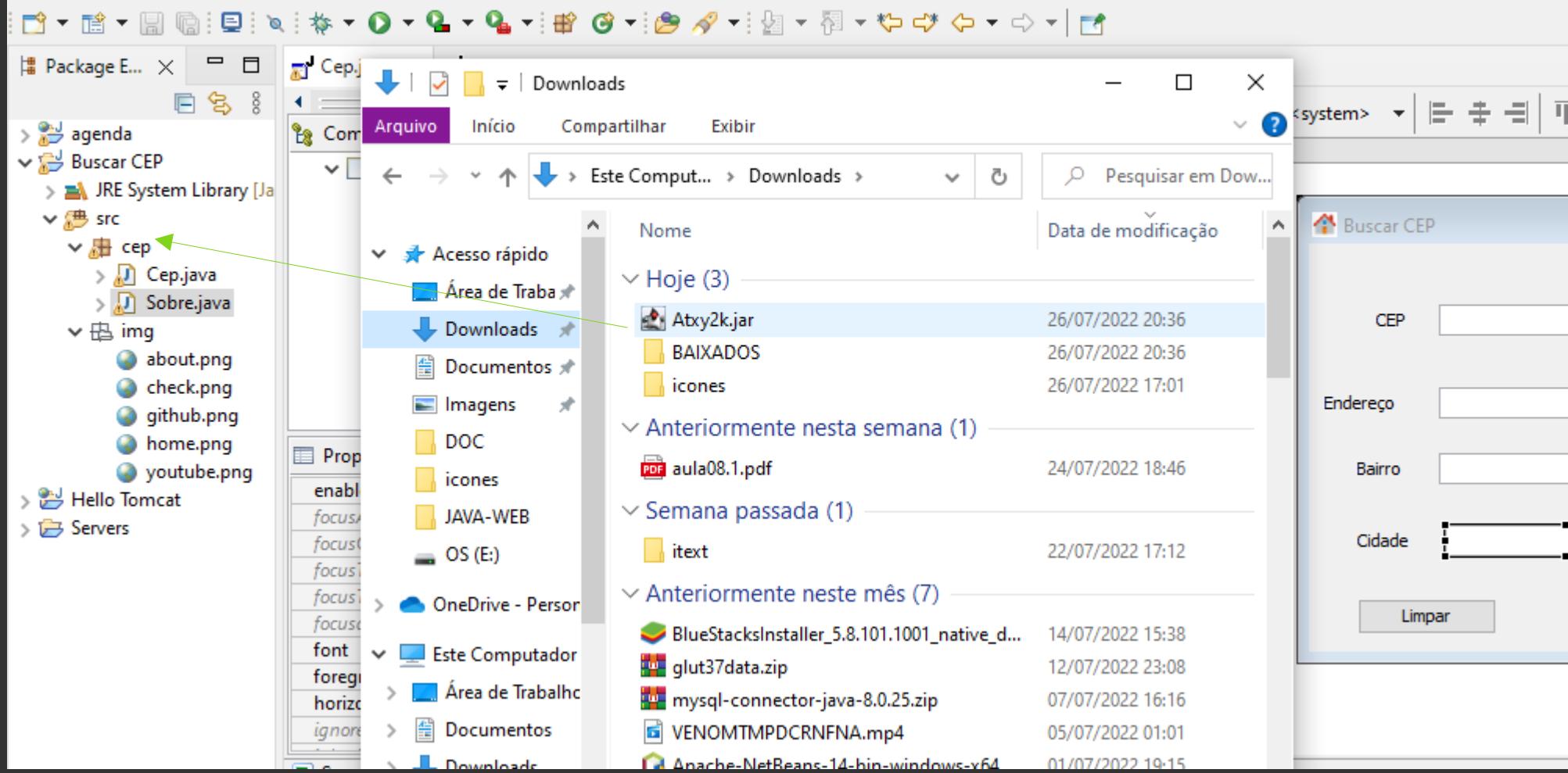
Import library in your package

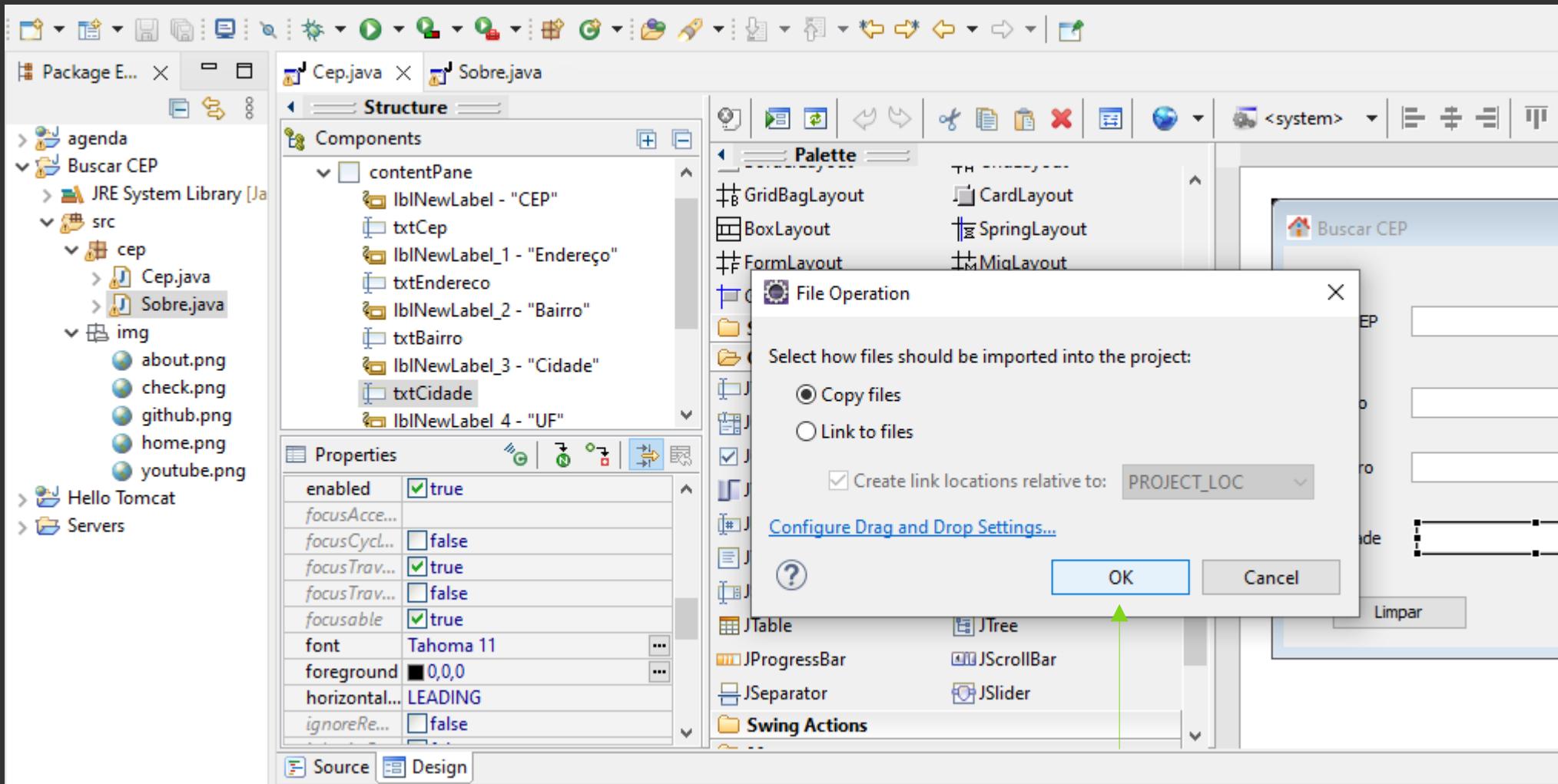


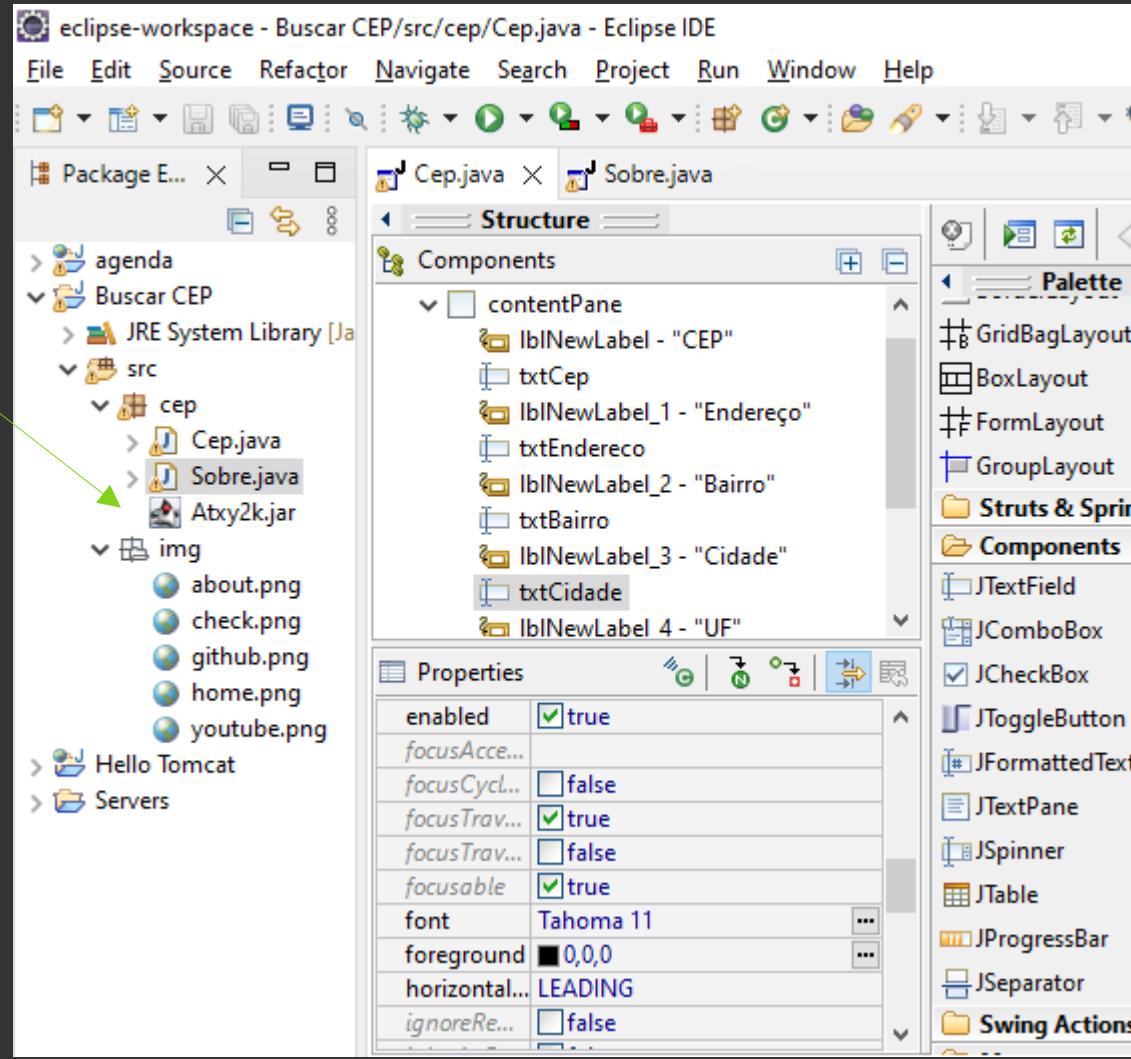
Arraste para o pacote cep

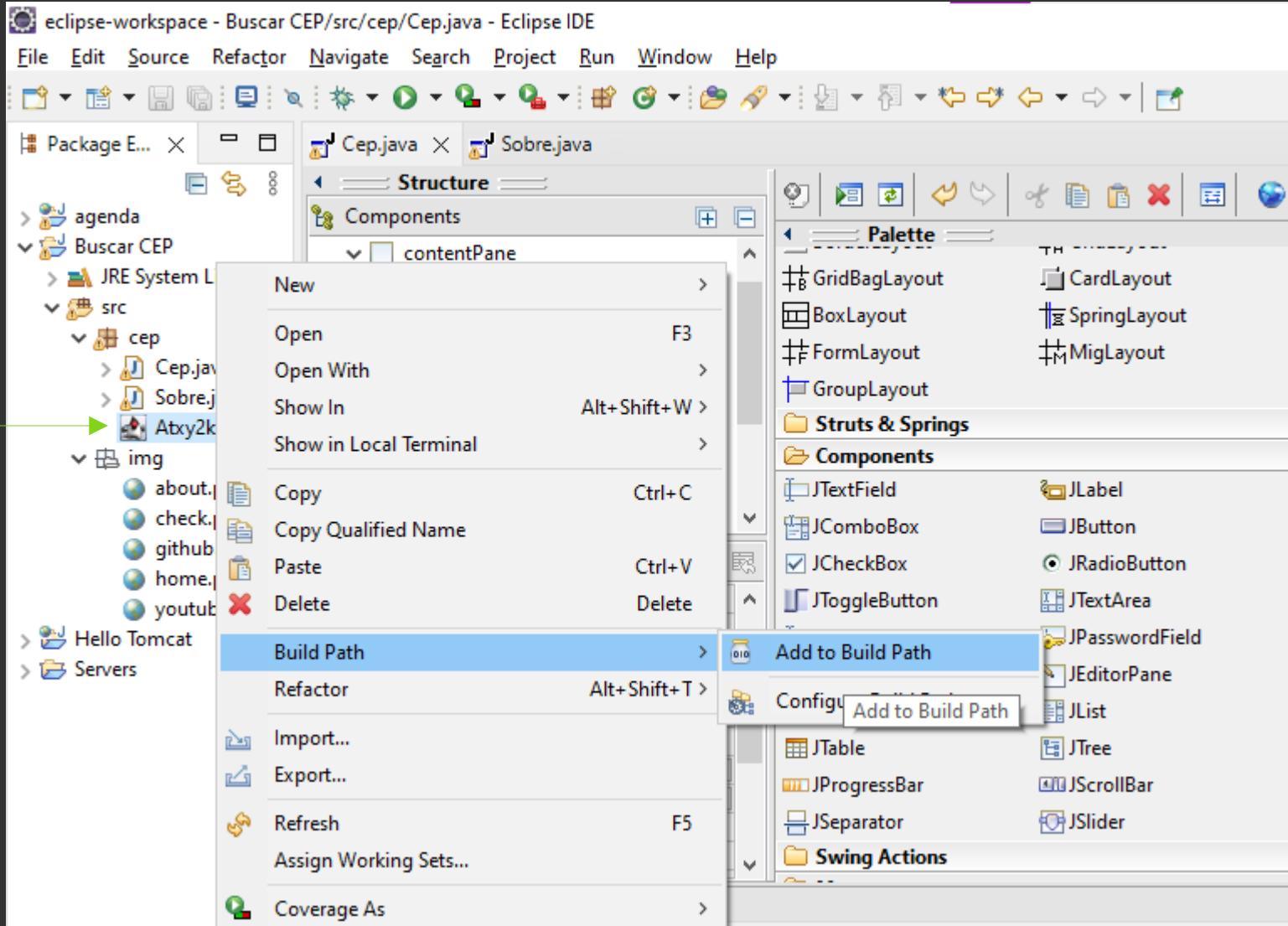
eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

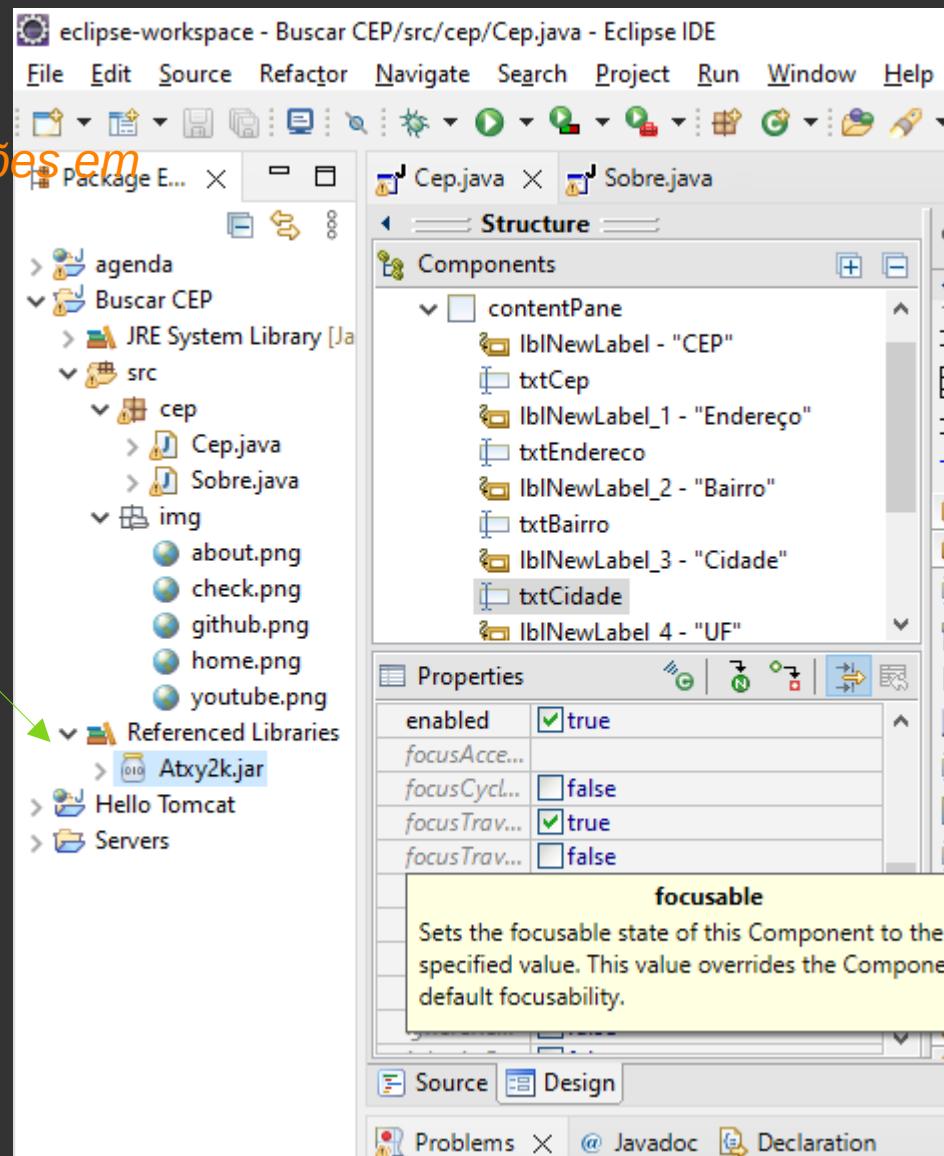


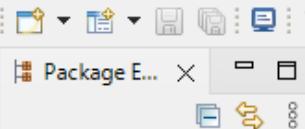






*Essa biblioteca cria restrições em
Caixas de texto*





agenda
Buscar CEP
JRE System Library [Ja]
src
cep
Cep.java
Sobre.java
img
about.png
check.png
github.png
home.png
youtube.png
Referenced Libraries
Atxy2k.jar
Hello Tomcat
Servers

Cep.java X Sobre.java

Structure

Components

- contentPane
 - lblNewLabel - "CEP"
 - txtCep
 - lblNewLabel_1 - "Endereço"
 - txtEndereco
 - lblNewLabel_2 - "Bairro"
 - txtBairro
 - lblNewLabel_3 - "Cidade"
 - txtCidade
 - lblNewLabel_4 - "UF"

Properties

Variable	txtCep
Bounds	(83, 39, 112, 20)
x	83
y	39
width	112
height	20
Class	javax.swing.JTextField
actionCo...	
alignmentX	0.5
alignmentY	0.5

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Palette

- GridBagLayout
- BoxLayout
- FormLayout
- GroupLayout
- Struts & Springs
- Components
 - JTextField
 - JComboBox
 - JCheckBox
 - JToggleButton
 - JFormattedTextField
 - JTextPane
 - JSpinner
 - JTable
 - JProgressBar
 - JSeparator
 - Swing Actions
- JLabel
- JButton
- JRadioButton
- JTextArea
- JPasswordField
- JEditorPane
- JList
- JTree
- JScrollBar
- JSlider

Buscar CEP

CEP

Buscar

Endereço

Bairro

Cidade

UF

Limpar



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Sobre.java

*Cep.java X

Buscar CEP src cep Cep Cep()

```
109 contentPane.add(btnCep);  
110  
111 JButton btnSobre = new JButton("");  
112 btnSobre.setToolTipText("Sobre");  
113 btnSobre.setIcon(new ImageIcon(Cep.class.getResource("/img/about.png")));  
114 btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));  
115 btnSobre.setBorder(null);  
116 btnSobre.setBackground(SystemColor.control);  
117 btnSobre.setBounds(336, 25, 48, 48);  
118 contentPane.add(btnSobre);  
119  
120 /* uso da biblioteca atx2k para a validacao do campo cep */  
121 RestrictedTextField validar = new RestrictedTextField(txtCep); ←  
122 } // fim do construtor  
123 }  
124
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (2 items)				

Ctrl + shift + o

import

eclipse-workspace - Buscar CEP/src/cep/Cep.java Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Sobre.java

*Cep.java X Sobre.java

Buscar CEP src cep Cep Cep()

```
109     contentPane.add(btnCep);

110
111     JButton btnSobre = new JButton("");
112     btnSobre.setToolTipText("Sobre");
113     btnSobre.setIcon(new ImageIcon(Cep.class.getResource("/img/about.png")));
114     btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
115     btnSobre.setBorder(null);
116     btnSobre.setBackground(SystemColor.control);
117     btnSobre.setBounds(336, 25, 48, 48);
118     contentPane.add(btnSobre);

119
120     /* uso da biblioteca atx2k para a validacao do campo cep */
121     RestrictedTextField validar = new RestrictedTextField(txtCep);
122
123 }
124
```

Source Design

Problems X @ Javadoc 0 errors, 8 warnings, 0 others

Description

Warnings (9 items)

Import 'RestrictedTextField' (Atxy2k.CustomTextField)

Create class 'RestrictedTextField'

Rename in file (Ctrl+2, R)

Fix project setup...



Package E... X



- > agenda
- > Buscar CEP
 - > JRE System Library [Ja]

- > src
 - > cep
 - > Cep.java
 - > Sobre.java
 - > img
 - about.png
 - check.png
 - github.png
 - home.png
 - youtube.png

- > Referenced Libraries
 - > Atxy2k.jar

- > Hello Tomcat
- > Servers

*Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep0

```
6 import java.awt.Toolkit;
7
8 import javax.swing.DefaultComboBoxModel;
9 import javax.swing.ImageIcon;
10 import javax.swing.JButton;
11 import javax.swing.JComboBox;
12 import javax.swing.JFrame;
13 import javax.swing.JLabel;
14 import javax.swing.JPanel;
15 import javax.swing.JTextField;
16 import javax.swing.border.EmptyBorder;
17
18 import Atxy2k.CustomTextField.RestrictedTextField; ←
19
20 @SuppressWarnings("serial")
21 public class Cep extends JFrame {
```

Source Design

Salve tudo e execute faça o teste o campo cep só aceita 8 numeros não letras nem mais numeros

empleado@desarrollador:~/Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Buscar CEP src cep Cep Cep.java Sobre.java

agenda Buscar CEP JRE System Library Ja

src cep Cep.java Sobre.java

img about.png check.png github.png home.png youtube.png

Atxy2k.jar

Hello Tomcat

Servers

*Cep.java X *Sobre.java

Buscar CEP src cep Cep Cep.java

```
112 JButton btnSobre = new JButton("");
113 btnSobre.setToolTipText("Sobre");
114 btnSobre.setIcon(new ImageIcon(Cep.class.getResource("/img/about.png")));
115 btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
116 btnSobre.setBorder(null);
117 btnSobre.setBackground(SystemColor.control);
118 btnSobre.setBounds(336, 25, 48, 48);
119 contentPane.add(btnSobre);

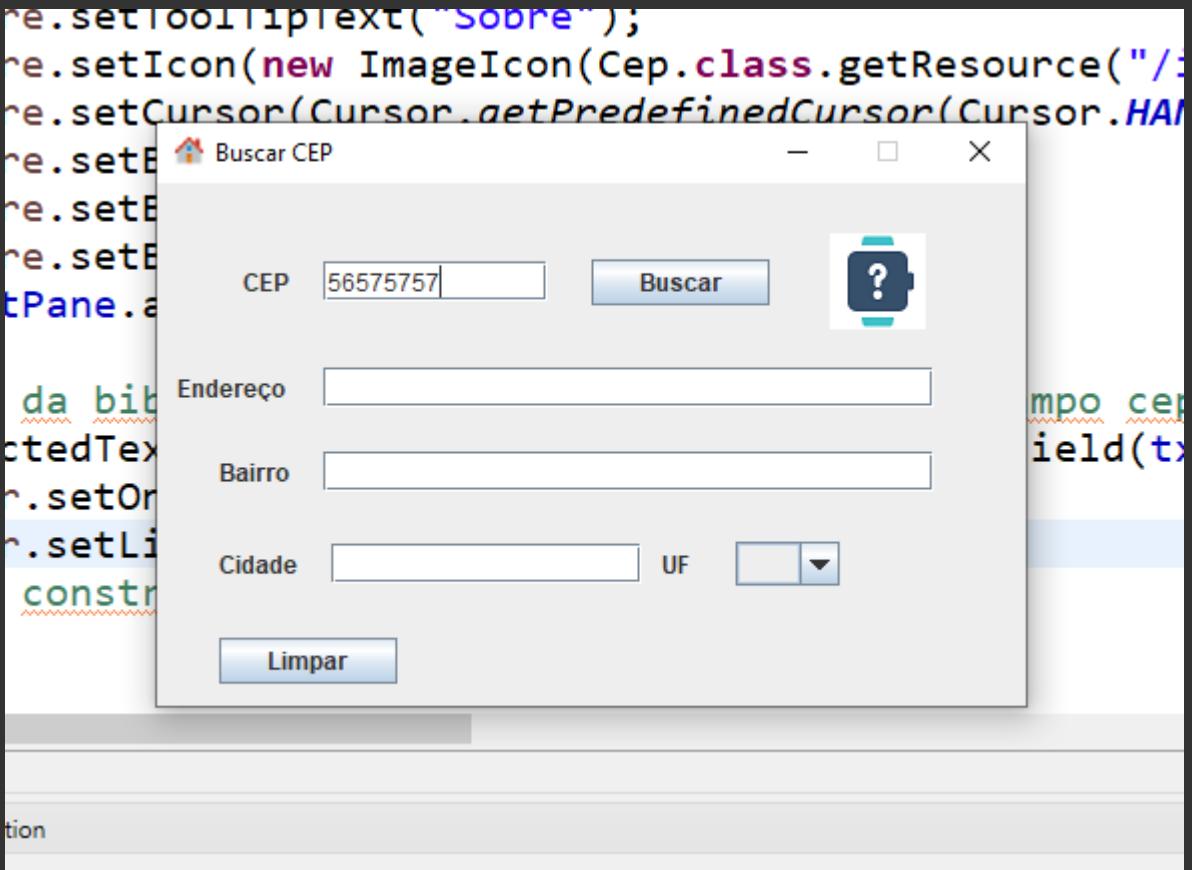
120 /* uso da biblioteca atx2k para a validacao do campo cep */
121 RestrictedTextField validar = new RestrictedTextField(txtCep);
122 validar.setOnlyNums(true);
123 validar.setLimit(8);
124 } // fim do construtor
125 }
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (8 items)				
DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 99	Java Problem



Tente digitar mais que 8 numeros e letras

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java X Sobre.java

agenda
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about.png
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youtube.png
Referenced Libraries
Abxy2k.jar
Hello Tomcat
Servers

```
112 JButton btnSobre;
113 btnSobre.setToolTipText("Sobre o Sistema");
114 btnSobre.setIcon(new ImageIcon(Cep.class.getResource("img/about.png")));
115 btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
116 btnSobre.setBorder(new LineBorder(Color.GRAY));
117 btnSobre.setBackground(Color.WHITE);
118 btnSobre.setForeground(Color.BLACK);
119 contentPane.add(btnSobre, "Constraints");
120 
121 /* uso da biblioteca javax.swing.text
122 RestrictedTextEditor
123 validar.setEditable(false);
124 validar.setOnlyInteger(true);
125 validar.setL
126 } // fim do construtor
127 }
```

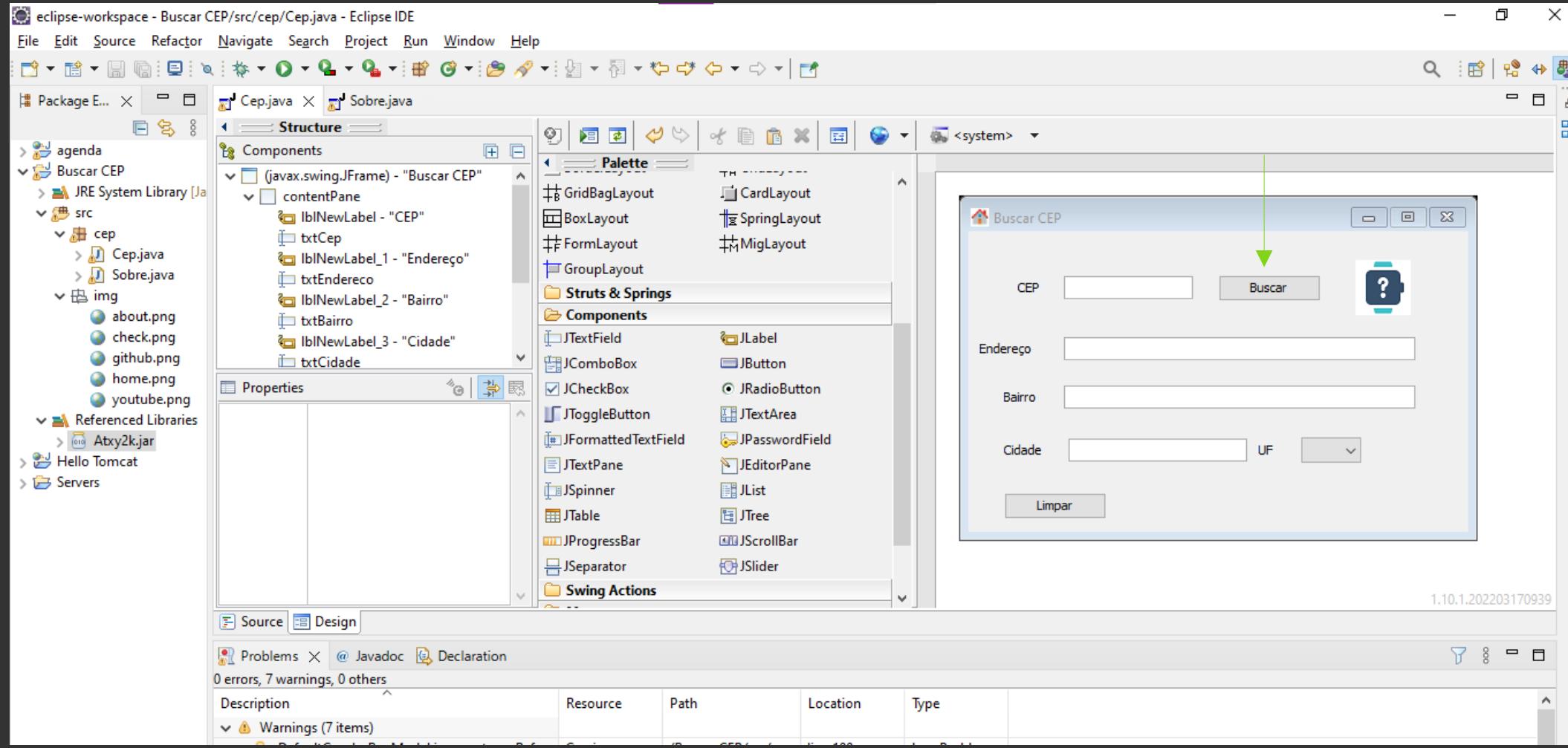
Source Design

Problems X @ Javadoc Declaration
0 errors, 7 warnings, 0 others

Description
Warnings (7 items)
DefaultComboBoxModel is a raw type. Referer Cep.java
JComboBox is a raw type. References to generic types are not yet converted Cep.java



Click duplo no botão buscar



Ou click com o botão direito para escolher o evento

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

*Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java > actionPerformed(ActionEvent): void

```
102     cboUf.setModel(new DefaultComboBoxModel(new String[] {"", "", "", "AC", "AL",
103     cboUf.setBounds(289, 179, 52, 22);
104     contentPane.add(cboUf);
105
106     JButton btnLimpar = new JButton("Limpar");
107     btnLimpar.setBounds(31, 227, 89, 23);
108     contentPane.add(btnLimpar);
109
110     JButton btnCep = new JButton("Buscar");
111     btnCep.addActionListener(new ActionListener() {
112         public void actionPerformed(ActionEvent e) {
113             }
114         });
115     btnCep.setBounds(217, 38, 89, 23);
116     contentPane.add(btnCep);
117 }
```

about.png
check.png
github.png
home.png
youtube.png

Atxy2k.jar

Hello Tomcat

Servers

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description

Warnings (7 items)

	Description	Resource	Path	Location	Type
1	DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 100	Java Problem
2	JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 99	Java Problem
3	JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 99	Java Problem
4	The import jakarta.servlet.annotation.WebServ	Controller.java	/agenda/src/main...	line 4	Java Problem
5					
6					
7					

Writable Smart Insert 112 : 13 : 3160

*Esse é o evento de clicar
No botão*

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java

112
113 JButton btnCep = new JButton("Buscar");
114 btnCep.addActionListener(new ActionListener() {
115 public void actionPerformed(ActionEvent e) {
116 if (txtCep.getText().equals("")) {
117 JOptionPane.showMessageDialog(null, "Informe o CEP");
118 txtCep.requestFocus();
119 } else {
120 // buscar cep
121 }
122 }
123 });
124 btnCep.setBounds(217, 38, 89, 23);
125 contentPane.add(btnCep);
126
127

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description Resource Path Location Type

Warnings (7 items)

- DefaultComboBoxModel is a raw type. Referer Cep.java /Buscar CEP/src/cep line 103 Java Problem
- JComboBox is a raw type. References to gener Cep.java /Buscar CEP/src/cep line 102 Java Problem
- JComboBox is a raw type. References to gener Cep.java /Buscar CEP/src/cep line 102 Java Problem
- The import jakarta.servlet.annotation.WebServlet Controller.java /agenda/src/main... line 4 Java Problem

Salvar tudo e execute

Writable Smart Insert 122 : 17 : 3389

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java > actionPerformed(ActionEvent) : void

```
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127
```

Buscar CEP

CEP Buscar 

Endereço

Bairro

Cidade UF

Limpar

btnCep.setBounds(217, 38, 89, 23);
contentPane.add(btnCep);

scar");
onListener() {
ctionEvent e) {
ls("") {
ageDialog(null, "Informe o CEP");
;

Message

i Informe o CEP OK

Source Design

```
123
124
125
126
127
});  
btnCep.  
content
```

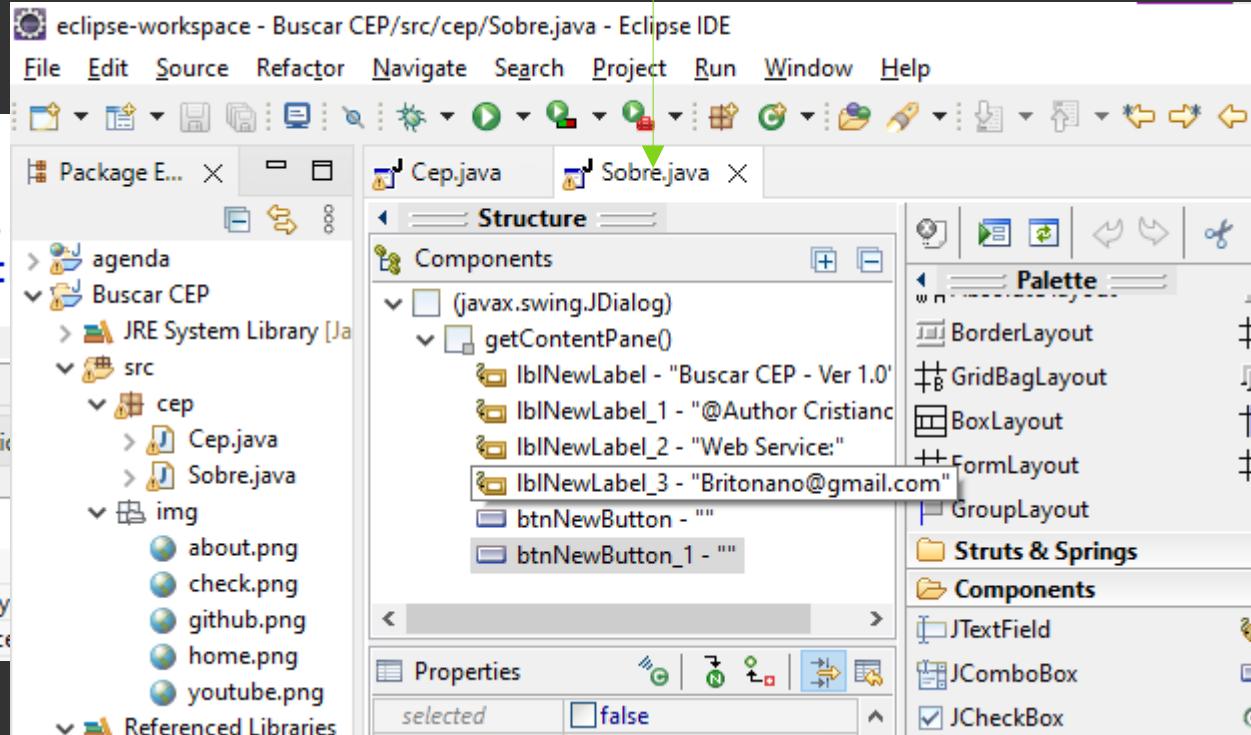
Source Design

Problems X @ Javadoc Declaration
0 errors, 7 warnings, 0 others

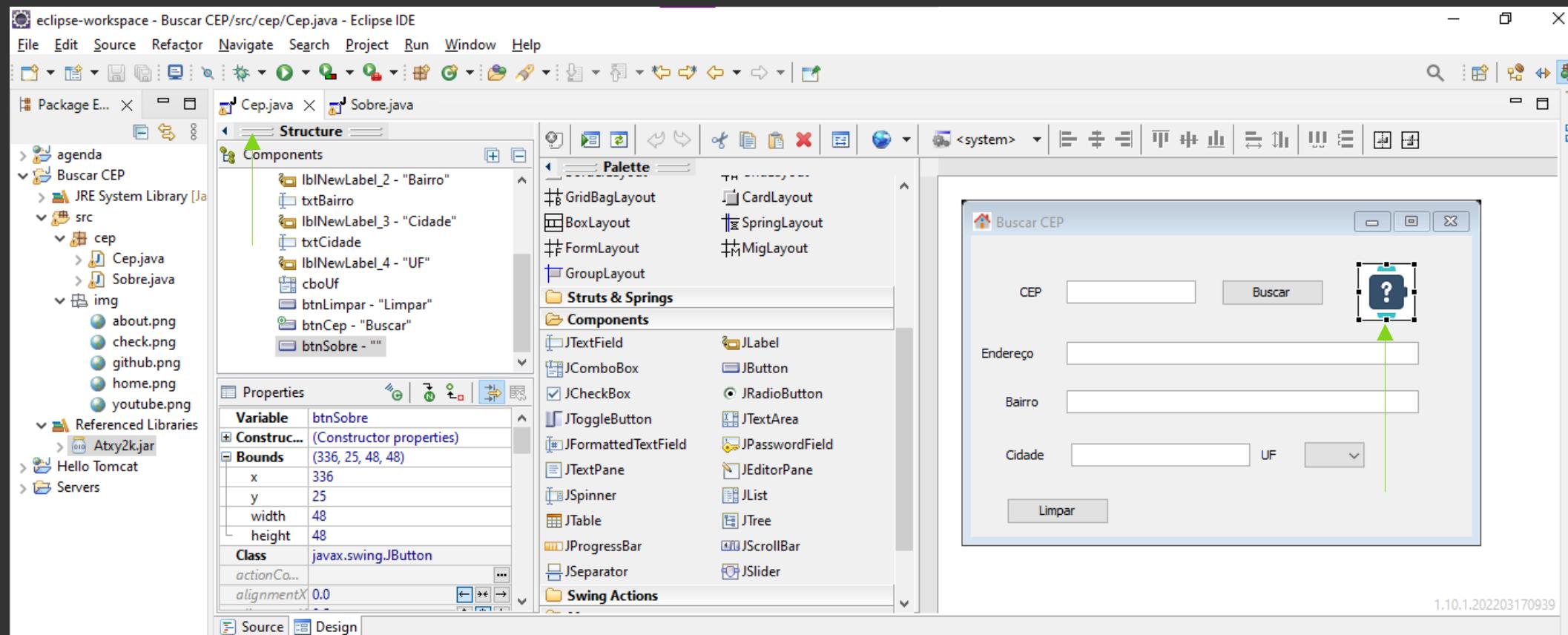
Description

Warnings (7 items)

- DefaultComboBoxModel is a raw type. Reference
- JComboBox is a raw type. Reference



Click duplo no ícone ou click direito



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java

```
127
128     JButton btnSobre = new JButton("");
129     btnSobre.addActionListener(new ActionListener() {
130         public void actionPerformed(ActionEvent e) {
131             }
132         });
133     btnSobre.setToolTipText("Sobre");
134     btnSobre.setIcon(new ImageIcon(Cep.class.getResource("/img/about.png")));
135     btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
136     btnSobre.setBorder(null);
137     btnSobre.setBackground(SystemColor.control);
138     btnSobre.setBounds(336, 25, 48, 48);
139     contentPane.add(btnSobre);

140
141     /* uso da biblioteca atx2k para a validacao do campo cep */
142     RestrictedTextField validar = new RestrictedTextField(txtCep);
```

Source Design

Problems X @ Javadoc Declaration

Isso linka o jframe ao jdyalog salve tudo e execute

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java > actionPerformed(ActionEvent) : void

```
127
128     JButton btnSobre = new JButton("");
129     btnSobre.addActionListener(new ActionListener() {
130         public void actionPerformed(ActionEvent e) {
131             Sobre sobre = new Sobre();
132             sobre.setVisible(true);
133         }
134     });
135     btnSobre.setToolTipText("Sobre");
136     btnSobre.setIcon(new ImageIcon(Cep.class.getResource("/img/about.png")));
137     btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
138     btnSobre.setBorder(null);
139     btnSobre.setBackground(SystemColor.control);
140     btnSobre.setBounds(336, 25, 48, 48);
141     contentPane.add(btnSobre);
142 
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (7 items)				

Click no botão

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Sobre.java

Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep()

new ActionListener() { ... } actionPerformed(ActionEvent e) : void

127
128 JButton btnSobre = new JButton("");

ner(new ActionListener() {
erformed(ActionEvent e) {
ew Sobre();
e(true);

Buscar CEP

CEP Buscar 

Endereço

Bairro

Cidade UF

Limpar

contentPane.add(btnSobre);

141
142

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description Resource Path Location Type

Warnings (7 items)

DefaultComboBoxModel is a raw type. Referer Cep.java /Buscar CEP/src/cep line 103 Java Problem

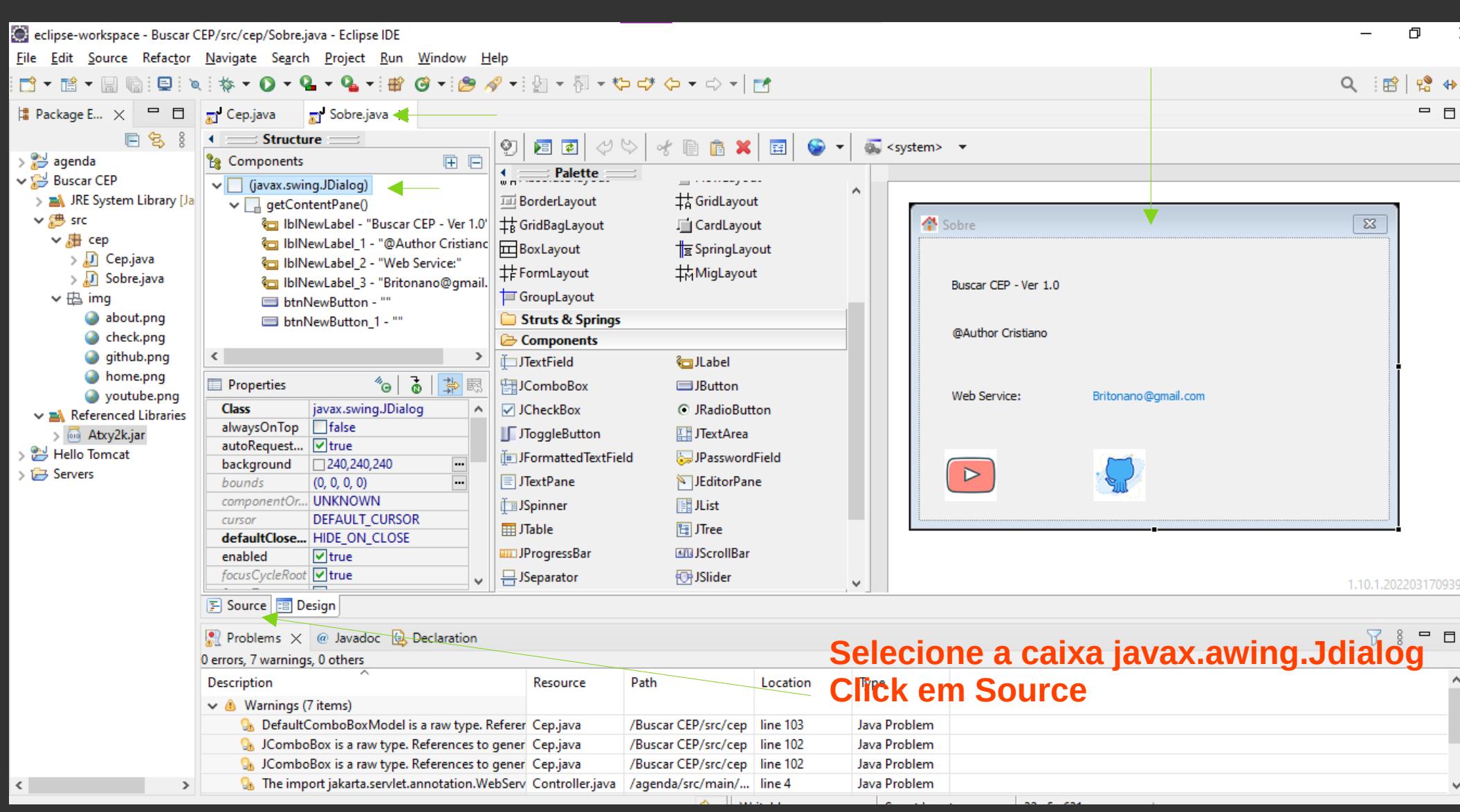
IComboBox is a raw type. References to gener Cep.java /Buscar CEP/src/cep line 102 Java Problem

Buscar CEP - Ver 1.0
@Author Cristiano
Web Service: Britonano@gmail.com

play button icon GitHub icon

Search Filter Minimize Maximize Close

Diagram illustrating a Java application interface. The main window shows a search form with fields for CEP, Endereço, Bairro, Cidade, and UF, along with a 'Buscar' button and a 'Limpar' button. A 'Sobre' button is also present. A tooltip for the 'Sobre' button displays the class code for handling its action event. A secondary window titled 'Sobre' provides information about the application, including the version (1.0), author (Cristiano), and web service contact (Britonano@gmail.com). A green arrow points from the 'Sobre' button in the main window to the tooltip, indicating where to click.



eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... Cep.java Sobre.java

Buscar CEP > src > cep > Sobre > Sobre()

```
32  /**
33  * Create the dialog.
34  */
35 public Sobre() {
36     setResizable(false);
37     setTitle("Sobre");
38     setIconImage(Toolkit.getDefaultToolkit().getImage(Sobre.class.getResource("/img/"));
39     setBounds(100, 100, 450, 300); ←
40     getContentPane().setLayout(null);
41
42     JLabel lblNewLabel = new JLabel("Buscar CEP - Ver 1.0");
43     lblNewLabel.setBounds(31, 37, 335, 14);
44     getContentPane().add(lblNewLabel);
45
46     JLabel lblNewLabel_1 = new JLabel("@Author Cristiano");
47     lblNewLabel_1.setBounds(31, 81, 219, 14);
```

Salve tudo retorne ao cep.java e execute

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Sobre.java

Buscar CEP src cep Sobre Sobre()

```
32  /*
33  * Create the dialog.
34  */
35 public Sobre() {
36     setResizable(false);
37     setTitle("Sobre");
38     setIconImage(Toolkit.getDefaultToolkit().getImage(Sobre.class.getResource("/img/home.png")));
39     setBounds(150, 150, 450, 300); ←
40     getContentPane().setLayout(null);

41     JLabel lblNewLabel = new JLabel("Buscar CEP - Ver 1.0");
42     lblNewLabel.setBounds(31, 37, 335, 14);
43     getContentPane().add(lblNewLabel);

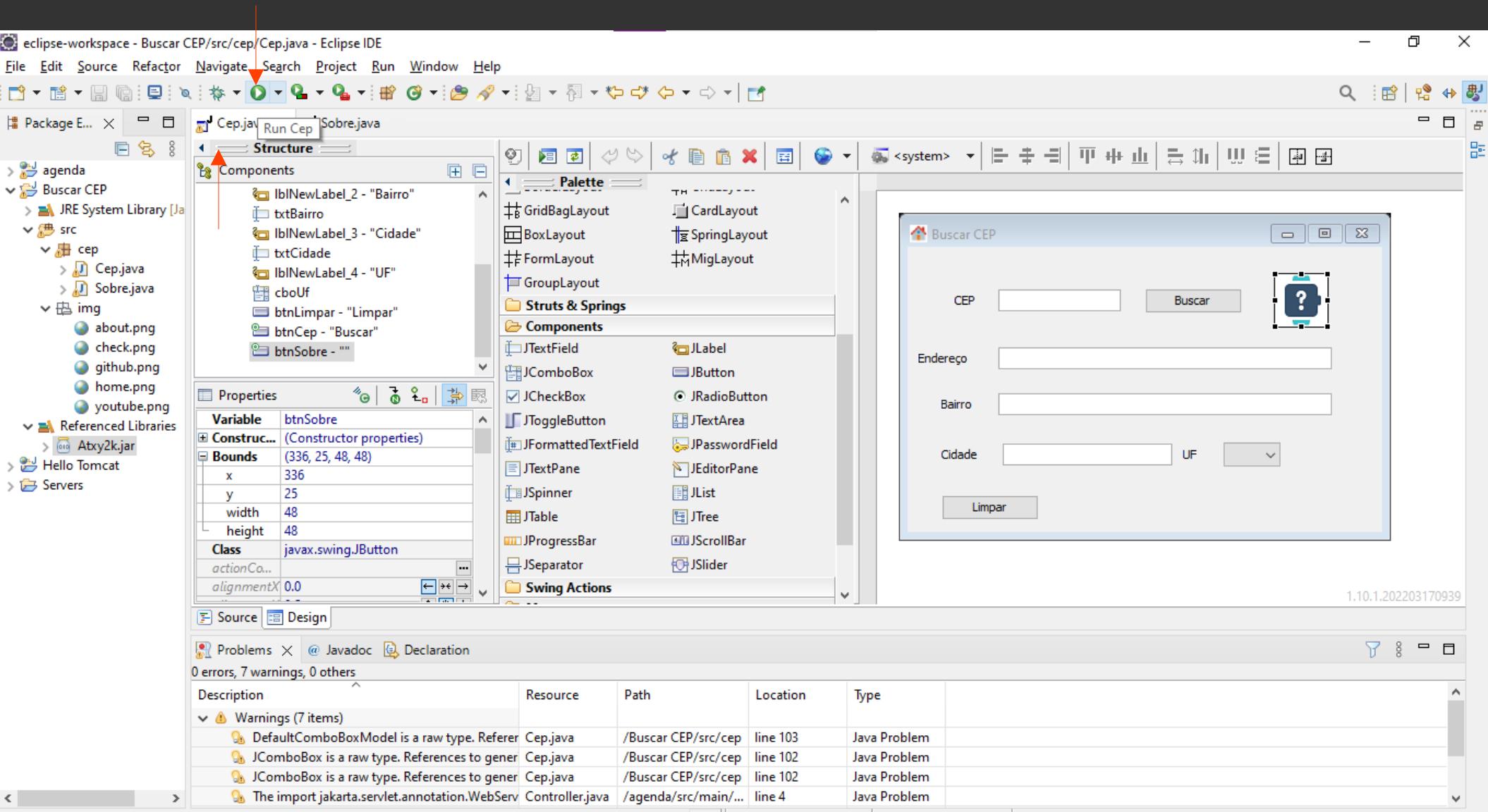
44     JLabel lblNewLabel_1 = new JLabel("@Author Cristiano");
45     lblNewLabel_1.setBounds(31, 81, 219, 14);
46 }
```

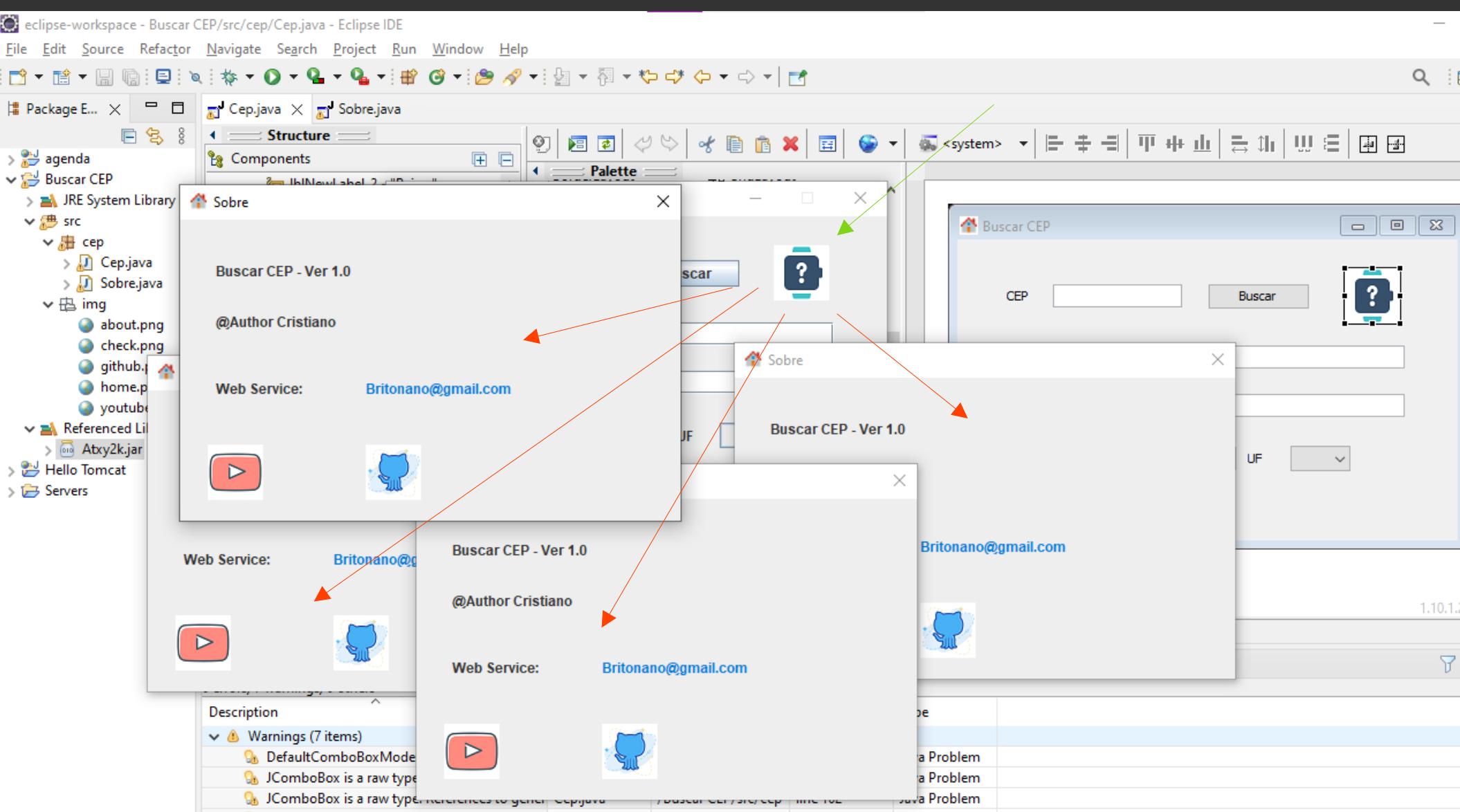
Source Design

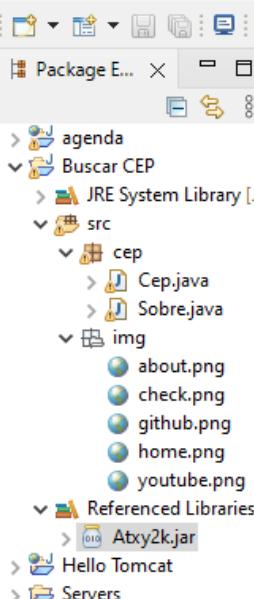
Problems @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (7 items)				







Structure

Components

- (javax.swing.JDialog)
 - getContentPane()
 - LblNewLabel - "Buscar CEP - Ver 1.0"
 - LblNewLabel_1 - "@Author Cristiano"
 - LblNewLabel_2 - "Web Service:"
 - LblNewLabel_3 - "Britonano@gmail.com"
 - btnNewButton - ""
 - btnNewButton_1 - ""

Properties

Palette

Components

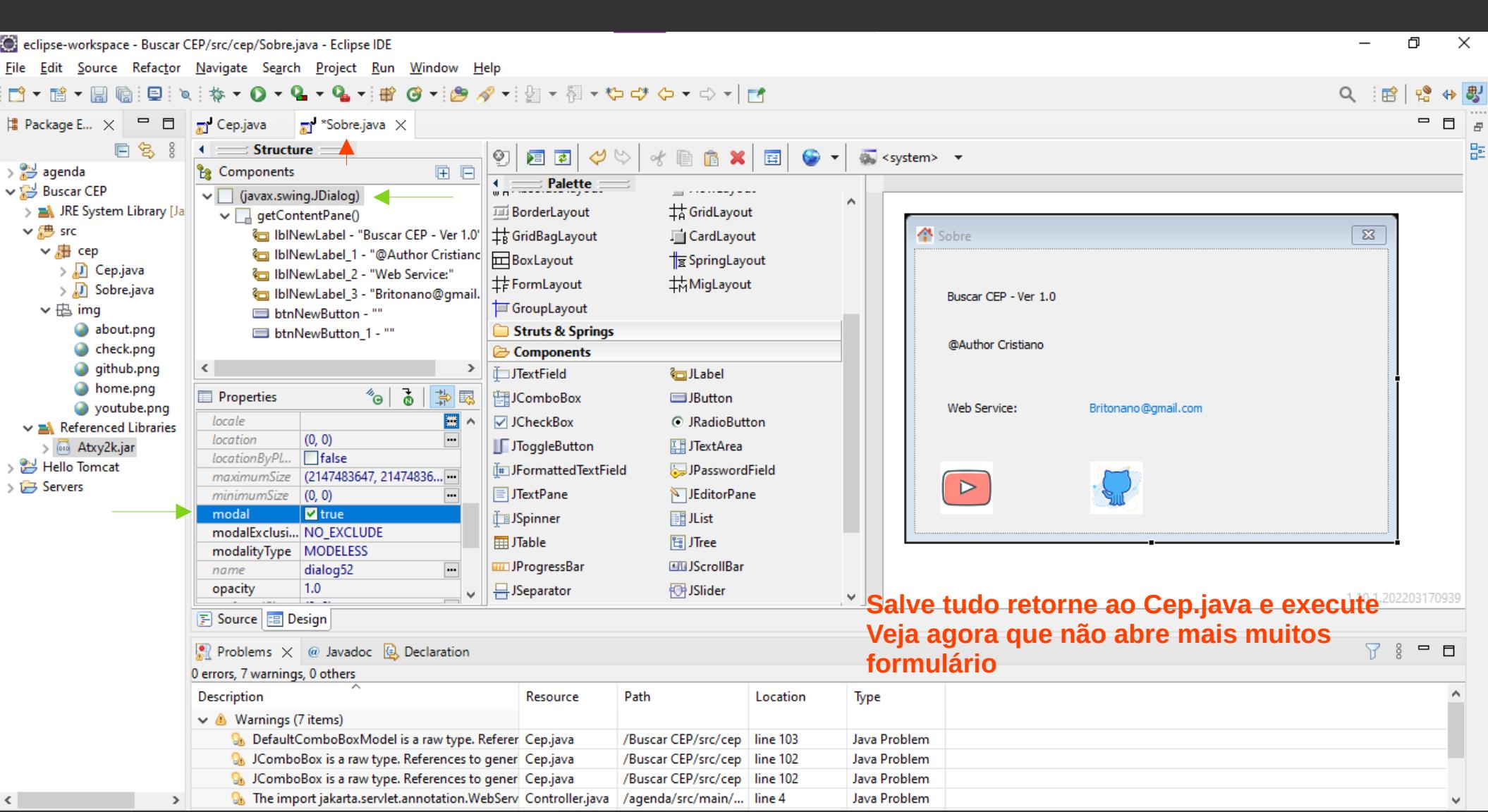
- BorderLayout
- GridLayout
- GridBagLayout
- CardLayout
- BoxLayout
- SpringLayout
- FormLayout
- MigLayout
- GroupLayout
- Struts & Springs
- Components
- JTextField
- JLabel
- JComboBox
- JCheckBox
- JRadioButton
- JToggleButton
- JTextArea
- JFormattedTextField
- JPasswordField
- JTextPane
- JEditorPane
- JSpinner
- JList
- JTable
- JProgressBar
- JScrollBar
- JSlider



1.10.1.202203170939



Description	Resource	Path	Location	Type
Warnings (7 items)				
DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem
ICep I Cep is a raw type. References to gen	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem
ICep I Cep is a raw type. References to gen	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem
ICep I Cep is a raw type. References to gen	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem



Só uma abre

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X Cep.java X Sobre.java

Structure

Buscar CEP

CEP Buscar 

Endereço

Bairro

Cidade UF

Limpar

x 336
y 25
width 48
height 48
Class javax.swing.JButton
actionCo...
alignmentX 0.0

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description Resource Path Location Type

Warnings (7 items) DefaultComboBoxModel is a raw type. Referer: Cep.java /Buscar CEP/src/cep line 103 Java Problem

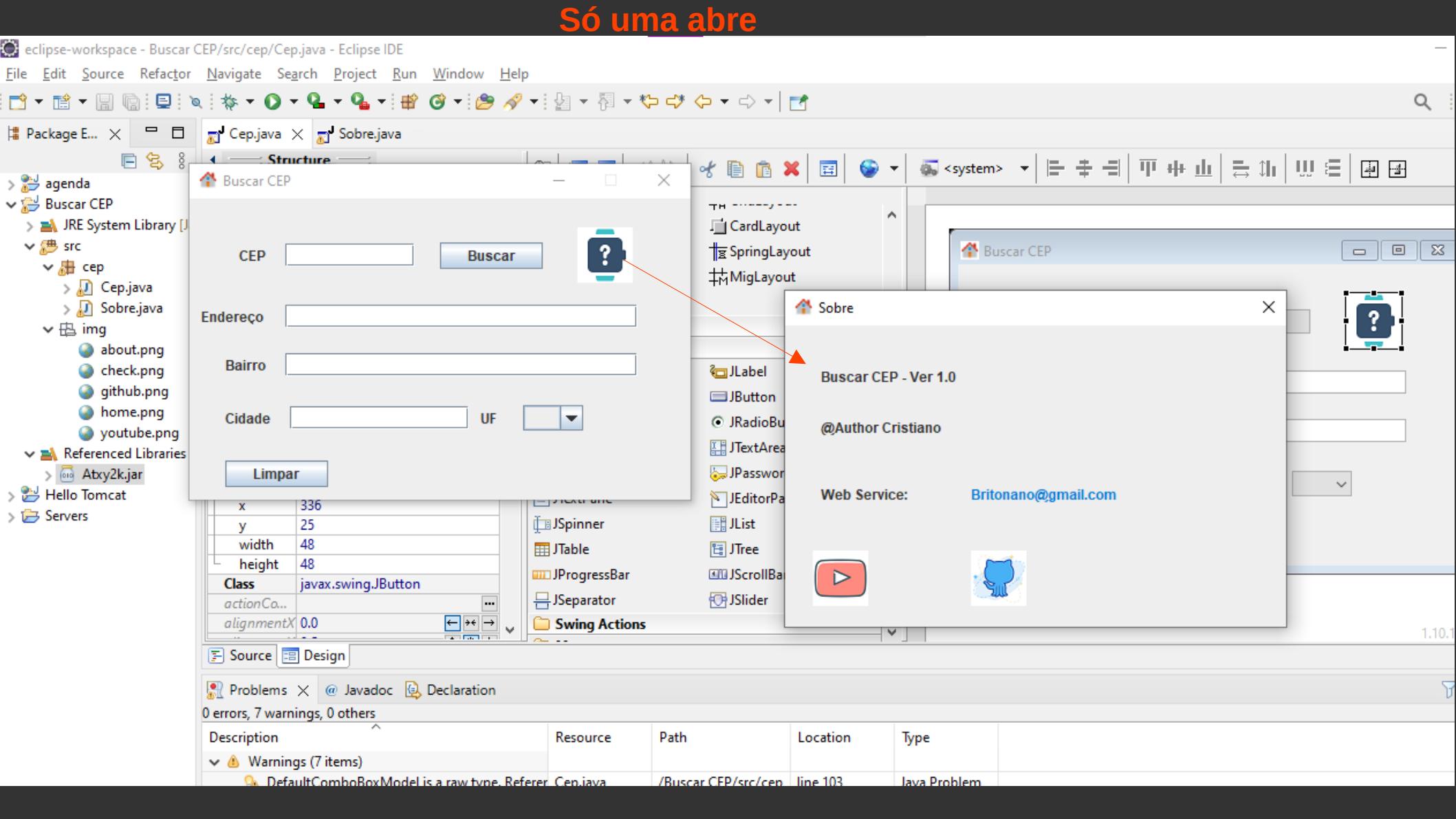
CardLayout
SpringLayout
MigLayout

Sobre

Buscar CEP - Ver 1.0
@Author Cristiano
Web Service: Britonano@gmail.com

Play button icon GitHub icon

1.10.1



The screenshot shows the Eclipse IDE interface for Java Swing application development. The project structure on the left includes files like Cep.java and Sobre.java. The central workspace displays the design of a 'Sobre' window titled 'Buscar CEP - Ver 1.0'. The window contains labels for 'Buscar CEP - Ver 1.0', author information ('@Author Cristiano'), and a 'Web Service:' field containing 'Britionano@gmail.com'. A play button icon and a GitHub logo are also present. The 'Properties' panel on the left shows the configuration for the 'LblWebService' label, including its position (x: 161, y: 139) and alignment (0.0, 0.5). The 'Palette' panel lists various layout managers and components. Red arrows highlight the 'Properties' panel, the 'Web Service:' field, and the 'Design' tab.

Sobre

Buscar CEP - Ver 1.0

@Author Cristiano

Web Service:

Britionano@gmail.com

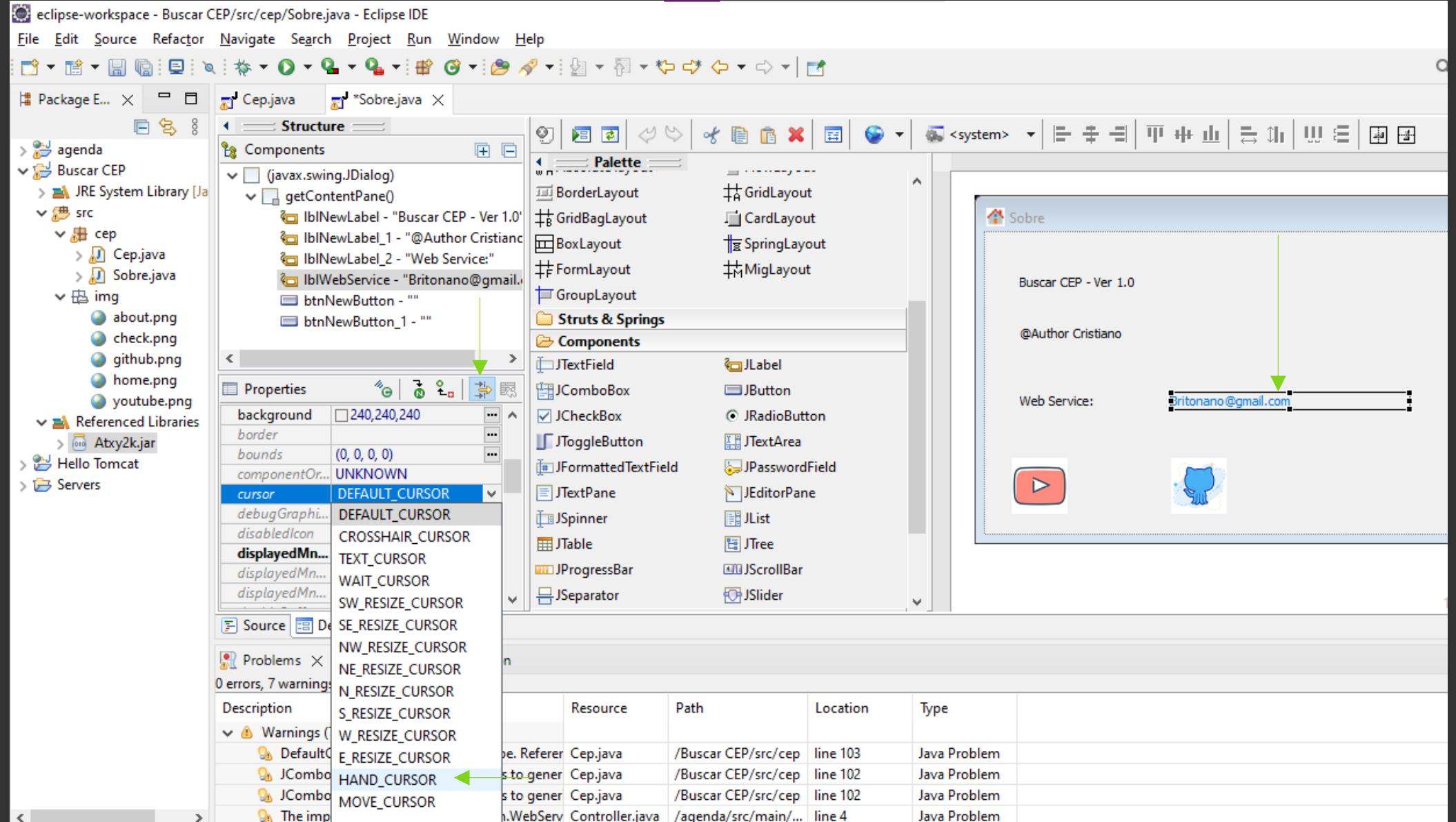
Properties

Variable	Value
Constructor	(Constructor properties)
Bounds	(161, 139, 205, 14)
x	161
y	139
width	205
height	14
Class	javafx.scene.control.Label
alignmentX	0.0
alignmentY	0.5

Source Design

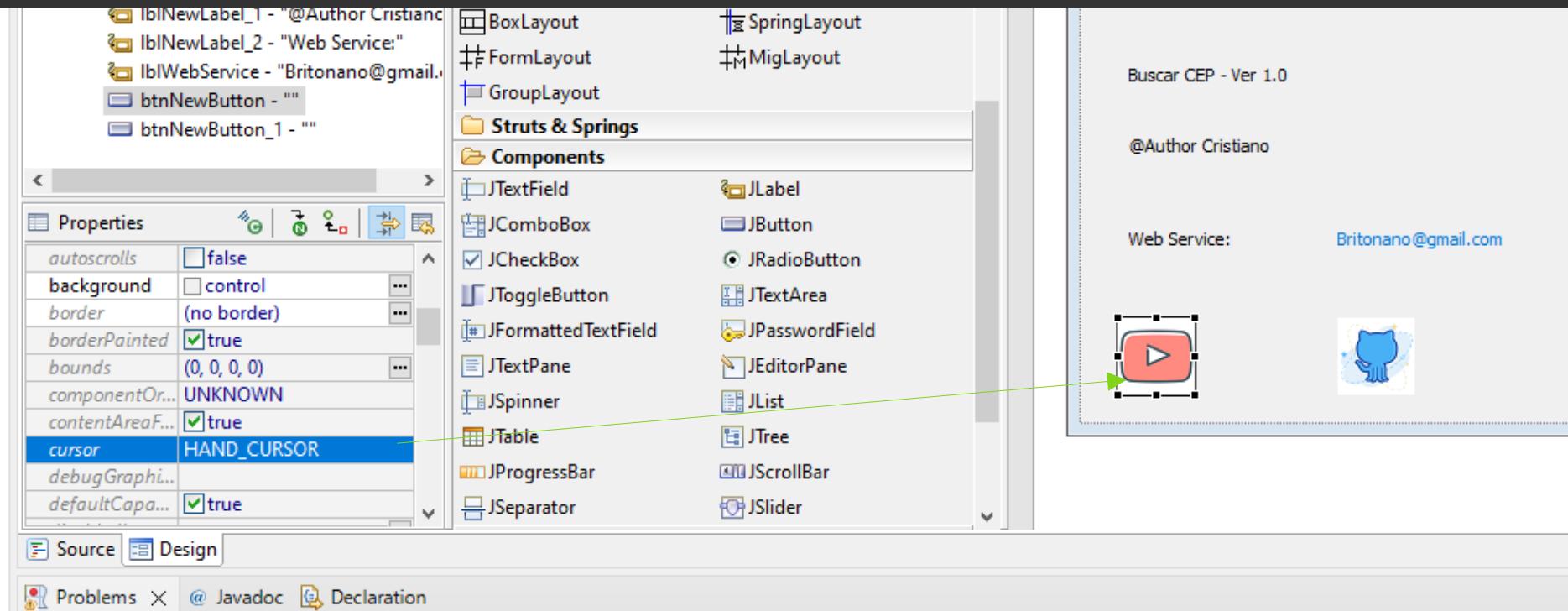
Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others



cep
 > Cep.java
 > Sobre.java
img
 about.png
 check.png
 github.png
 home.png
 youtube.png
Referenced Libraries
 > Atxy2k.jar

Hello Tomcat
Servers



> Cep.java
> Sobre.java
+ img
 about.png
 check.png
 github.png
 home.png
 youtube.png

Referenced Libraries
Atxy2k.jar

Hello Tomcat

Servers

lblNewLabel_2 - "Web Service:"
lblWebService - "Britonano@gmail.com"
btnNewButton - ""
btnNewButton_1 - ""

Properties	
autoscrolls	<input type="checkbox"/> false
background	<input type="checkbox"/> control
border	(no border)
borderPainted	<input checked="" type="checkbox"/> true
bounds	(0, 0, 0, 0)
componentOr...	UNKNOWN
contentAreaF...	<input checked="" type="checkbox"/> true
cursor	HAND_CURSOR
debugGraphi...	
defaultCapa...	<input checked="" type="checkbox"/> true

Source Design

Problems X @ Javadoc Declaration

BoxLayout
FormLayout
GroupLayout
Struts & Springs
Components
JTextField
JComboBox
JCheckBox
JToggleButton
JFormattedTextField
JTextPane
JSpinner
JTable
JProgressBar
JSeparator
JLabel
JButton
JRadioButton
JTextArea
JPasswordField
JEditorPane
JList
JTree
JScrollBar
JSlider



Sobre.java

img

- about.png
- check.png
- github.png
- home.png
- youtube.png

Referenced Libraries

- Atxy2k.jar

Hello Tomcat

Servers

lblWebService - "Britonano@gmail.com"

btnYoutube - ""

btnNewButton_1 - ""

Properties

Variable	btnYoutube
+ Constructor	(Constructor properties)
- Bounds	(24, 195, 48, 48)
x	24
y	195
width	48
height	48
Class	javax.swing.JButton
actionComm...	
alignmentX	0.0

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description Resource Path Location Type

Warnings (7 items)

FormLayout MigLayout

GroupLayout

Struts & Springs

Components

- JTextField
- JComboBox
- JCheckBox
- JToggleButton
- JFormattedTextField
- JTextPane
- JSpinner
- JTable
- JProgressBar
- JSeparator
- JLabel
- JButton
- JRadioButton
- JTextArea
- JPasswordField
- JEditorPane
- JList
- JTree
- JScrollBar
- JSlider

Buscar CEP - Ver 1.0

@Author Cristiano

Web Service: Britonano@gmail.com




> Cep.java
> Sobre.java
img
about.png
check.png
github.png
home.png
youtube.png
Referenced Libraries
Atxy2k.jar
Hello Tomcat
Servers

IBINewLabel_2 - "Web Service:"
IBIWebService - "Britonano@gmail.com"
btnYoutube - ""
btnGitHub - ""

Properties

Variable	btnGitHub
Constructor	(Constructor properties)
Bounds	(161, 195, 48, 48)
x	161
y	195
width	48
height	48
Class	javax.swing.JButton
actionComm...	...
alignmentX	0.0

BoxLayout
FormLayout
GroupLayout
Struts & Springs
Components

JTextField
JComboBox
JCheckBox
JToggleButton
JFormattedTextField
JTextPane
JSpinner
JTable
JProgressBar
JSeparator
JLabel
JButton
JRadioButton
JTextArea
JPasswordField
JEditorPane
JList
JTree
JScrollBar
JSlider

Buscar CEP - Ver 1.0
© Author Cristiano
Web Service: Britonano@gmail.com

1.10.1.2

Problems X @ Javadoc Declaration
0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
-------------	----------	------	----------	------

Screenshot of the IntelliJ IDEA IDE interface showing the development of a Java Swing application.

The left sidebar displays the project structure:

- agenda
- Buscar CEP
- JRE System Library [JAR]
- src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.png
 - check.png
 - github.png
 - home.png
 - youtube.png
- Referenced Libraries
 - Atxy2k.jar
- Hello Tomcat
- Servers

The main window shows the following components:

- Structure** tool window:
 - Components
 - (javax.swing.JDialog)
 - getContentPane()
 - IblNewLabel - "Buscar CEP - Ver 1.0"
 - IblNewLabel_1 - "@Author Cristiano"
 - IblNewLabel_2 - "Web Service:"
 - IblWebService - "Britonano@gmail.com"
 - btnYoutube - ""
 - btnGithub - ""
- Palette** tool window:
 - Layout Managers
 - BorderLayout
 - GridLayout
 - GridBagLayout
 - CardLayout
 - BoxLayout
 - FormLayout
 - GroupLayout
 - MigLayout
 - Struts & Springs
 - Components
 - JTextField
 - JLabel
 - JComboBox
 - JButton
 - JCheckBox
 - JRadioButton
 - JToggleButton
 - JTextArea
 - JFormattedTextField
 - JTextPane
 - JSpinner
 - JList
 - JTable
 - JPasswordField
 - JEditorPane
 - JProgressBar
 - JScrollBar
 - JSlider
 - JSeparator

- Properties** tool window (for the selected JButton):

Variable	btnGithub
Constructor	(Constructor properties)
Bounds	(161, 195, 48, 48)
x	161
y	195
width	48
height	48
Class	javax.swing.JButton
actionComm...	...
alignmentX	0.0
- Design** tool window:

Sobre

Buscar CEP - Ver 1.0

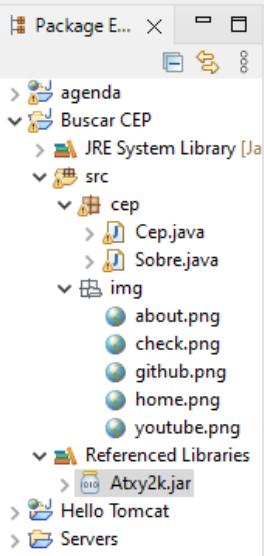
@Author Cristiano

Web Service: Britonano@gmail.com

UI elements include a YouTube button icon and a GitHub logo icon.
- Source** tab (selected): Shows the code for Sobre.java.
- Problems** tool window:

0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem



```
Cep.java Sobre.java
Buscar CEP > src > cep > Sobre > link(String) : void

68     getContentPane().add(btnYoutube);

69
70     JButton btnGithub = new JButton("");
71     btnGithub.setToolTipText("Projeto");
72     btnGithub.setIcon(new ImageIcon(Sobre.class.getResource("/img/github.png")));
73     btnGithub.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
74     btnGithub.setBorder(null);
75     btnGithub.setBackground(SystemColor.control);
76     btnGithub.setBounds(161, 195, 48, 48);
77     getContentPane().add(btnGithub);

78
79     }// fim do construtor
80     private void link(String site) {
81     }
82 }
83
```

Source Design

Problems @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (8 items)				
DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
IComboBox is a raw type. References to gener	Sobre.java	/Buscar CEP/src/cep	line 102	Java Problem

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Ctrl + shift + o
import

Package E... X Cep.java Sobre.java X

Buscar CEP > src > cep > Sobre > link(String) : void

```
77     btnGithub.setBackground(SystemColor.control);
78     btnGithub.setBounds(161, 195, 48, 48);
79     getContentPane().add(btnGithub);
80
81     } // fim do construtor
82     private void link(String site) {
83         Desktop desktop = Desktop.getDesktop();
84         try {
85             URI uri = new URI(site);
86         } catch (Exception e) {
87             System.out.println("Erro ao abrir o link: " + e.getMessage());
88         }
89     }
90 }
91 }
```

URI uri = new URI(site);

Import 'URI' (java.net)

- Create class 'URI'
- Create interface 'URI'
- Change to 'URL' (java.net)
- Change to 'URL' (javax.print.DocFlavor)
- Create enum 'URI'
- Add type parameter 'URI' to 'Sobre'
- Rename in file (Ctrl+2, R)
- Add type parameter 'URI' to 'link(String)'
- Fix project setup...

import javax.swing.JDialog;
import java.awt.Toolkit;
import java.net.URI;

import javax.swing.JLabel;
import java.awt.SystemColor;
...

Source Design

Problems X @ Javadoc D

2 errors, 7 warnings, 0 others

Description Resource Path Location Type

Errors (2 items)

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... Cep.java *Sobre.java X

Buscar CEP > src > cep > Sobre > link(String) : void

```
1 package cep;
2
3 import java.awt.Cursor;
4 import java.awt.Desktop;
5 import java.awt.EventQueue;
6 import java.awt.SystemColor;
7 import java.awt.Toolkit;
8 import java.net.URI;
9
10 import javax.swing.ImageIcon;
11 import javax.swing.JButton;
12 import javax.swing.JDialog;
13 import javax.swing.JLabel;
14
15 public class Sobre extends JDialog {
```

Salve tudo

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java Sobre.java X

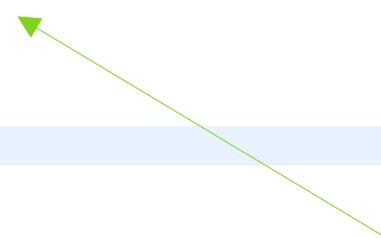
Buscar CEP > src > cep > Sobre >

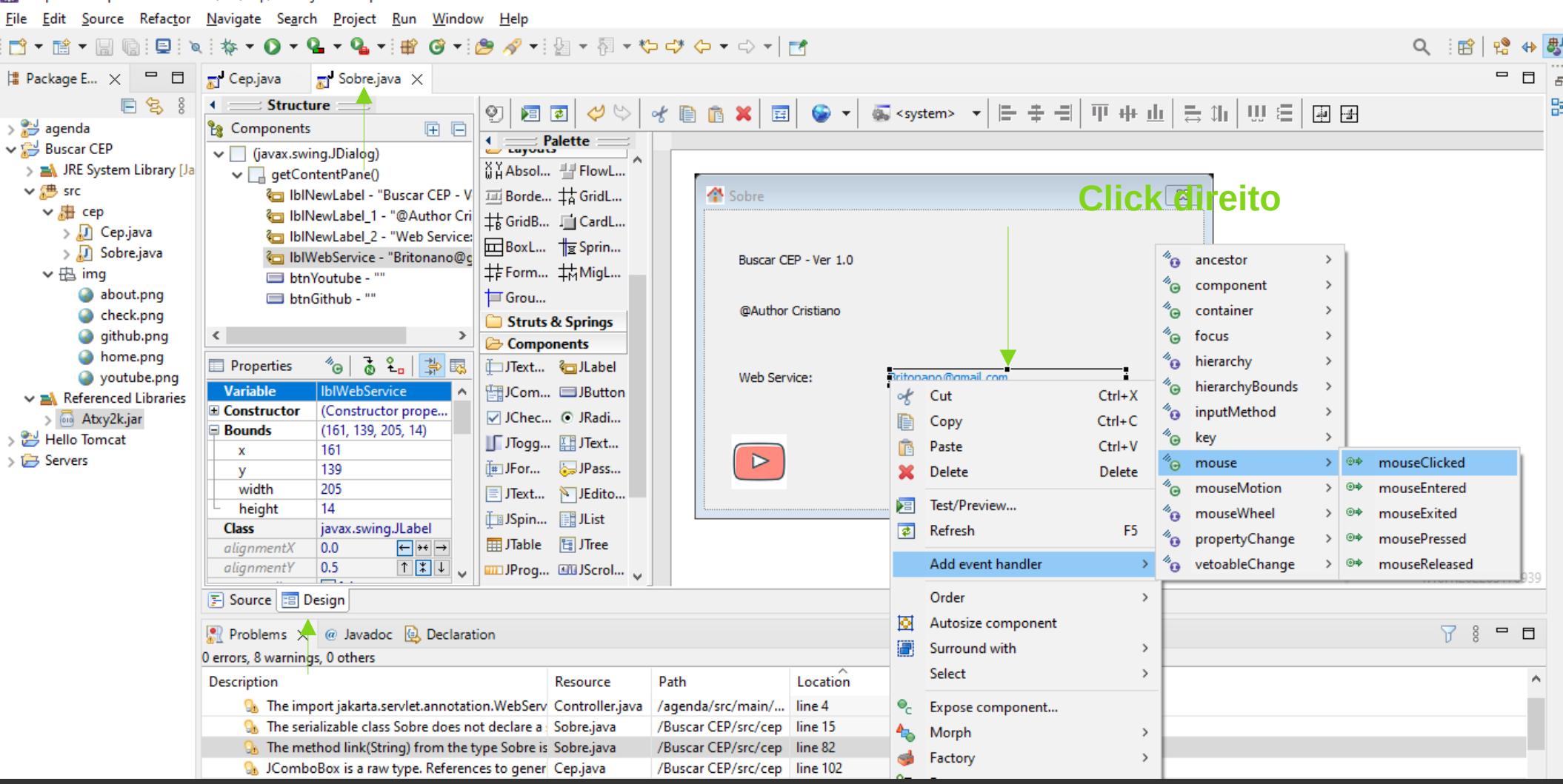
```
78     btnGithub.setBounds(161, 195, 48, 48);
79     getContentPane().add(btnGithub);
80
81 // fim do construtor
82 private void link(String site) {
83     Desktop desktop = Desktop.getDesktop();
84     try {
85         URI uri = new URI(site);
86         desktopbrowse(uri);
87     } catch (Exception e) {
88         System.out.println(e);
89     }
90 }
91
92 }
93
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others





eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java Sobre.java

Buscar CEP > src > cep > Sobre > Sobre() > new MouseAdapter() {...} > mouseClicked(MouseEvent) : void

```
55     JLabel lblNewLabel_2 = new JLabel("Web Service:");
56     lblNewLabel_2.setBounds(31, 139, 82, 14);
57     getContentPane().add(lblNewLabel_2);

58
59     JLabel lblWebService = new JLabel("Britonano@gmail.com");
60     lblWebService.addMouseListener(new MouseAdapter() {
61         @Override
62         public void mouseClicked(MouseEvent e) {
63     });
64     lblWebService.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
65     lblWebService.setForeground(SystemColor.textHighlight);
66     lblWebService.setBounds(161, 139, 205, 14);
67     getContentPane().add(lblWebService);

68
69     JButton btnYoutube = new JButton("");
70 }
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

copy

republicavirtual.com.br

RestrictedTextField Library

WebService de CEP - XML, A

C++ VISUAL STUDIO

Domestika

ASSEMBLY

ss64

kernel.org

Linux kernel

gcc

archlinux

die.net

manpage

Outros favorit

Busca De Cep
WebService CEP - Busque endereço através do CEP por um WebService para ser utilizado em qualquer linguagem de programação!
CEP - Essa informação é de todos!

Utilitários

- http request debuger
- conversor on-line base64 / Query String / md5 / sha1
- contador de Caracteres
- testador de expressões regulares (regex, ereg)

Meu Blog
coisas pra não esquecer depois! =)

paste

Package E... X Cep.java Sobre.java X

Buscar CEP > src > cep > Sobre > Sobre() > new MouseAdapter() [...] > mouseClicked(MouseEvent) : void

```
54
55     JLabel lblNewLabel_2 = new JLabel("Web Service:");
56     lblNewLabel_2.setBounds(31, 139, 82, 14);
57     getContentPane().add(lblNewLabel_2);

58
59     JLabel lblWebService = new JLabel("Britonano@gmail.com");
60     lblWebService.addMouseListener(new MouseAdapter() {
61         @Override
62         public void mouseClicked(MouseEvent e) {
63             link("https://www.republicavirtual.com.br/");
64         }
65     });
66     lblWebService.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
67     lblWebService.setForeground(SystemColor.textHighlight);
68     lblWebService.setBounds(161, 139, 205, 14);
69     getContentPane().add(lblWebService);

70
```

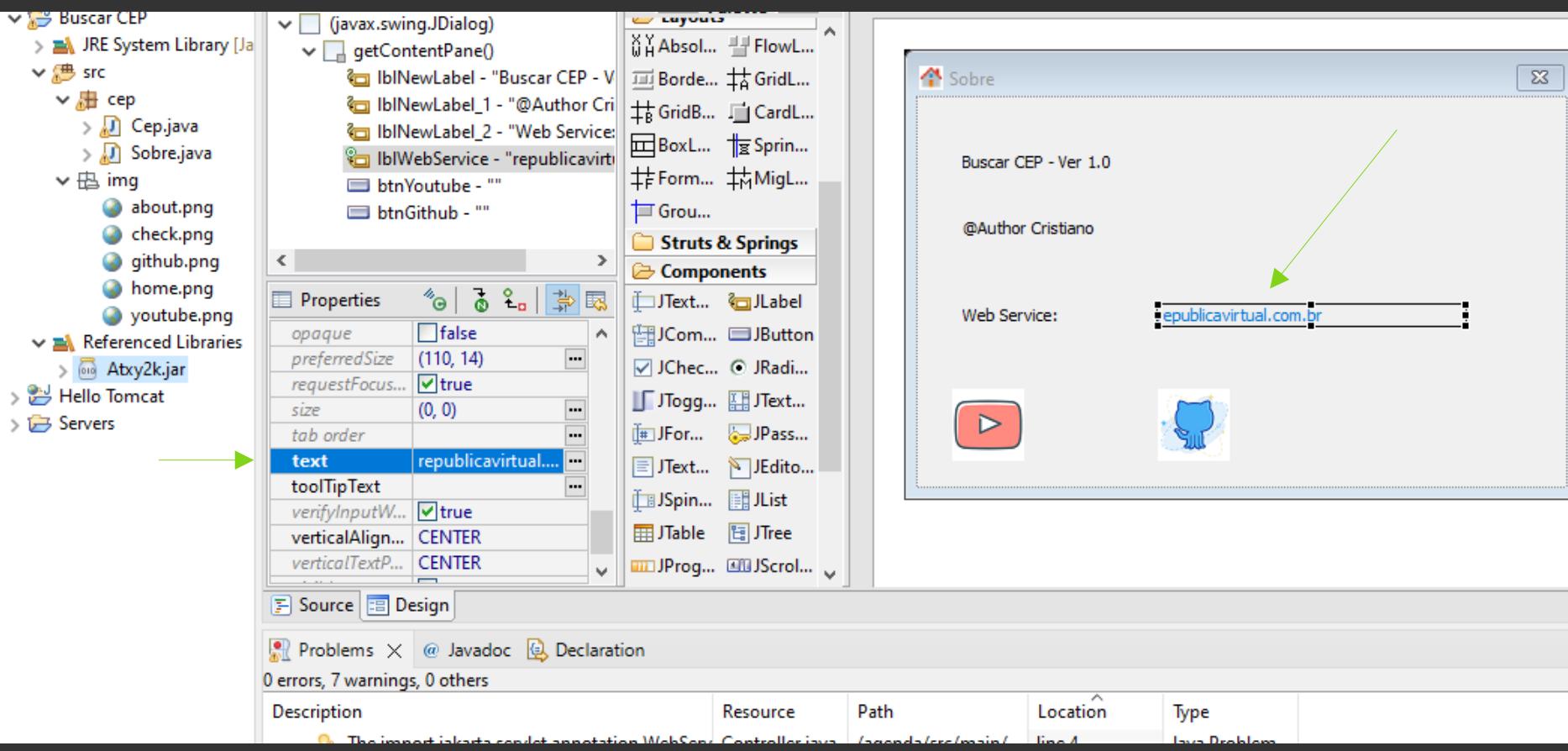
Source Design

Problems X @ Javadoc Declaration

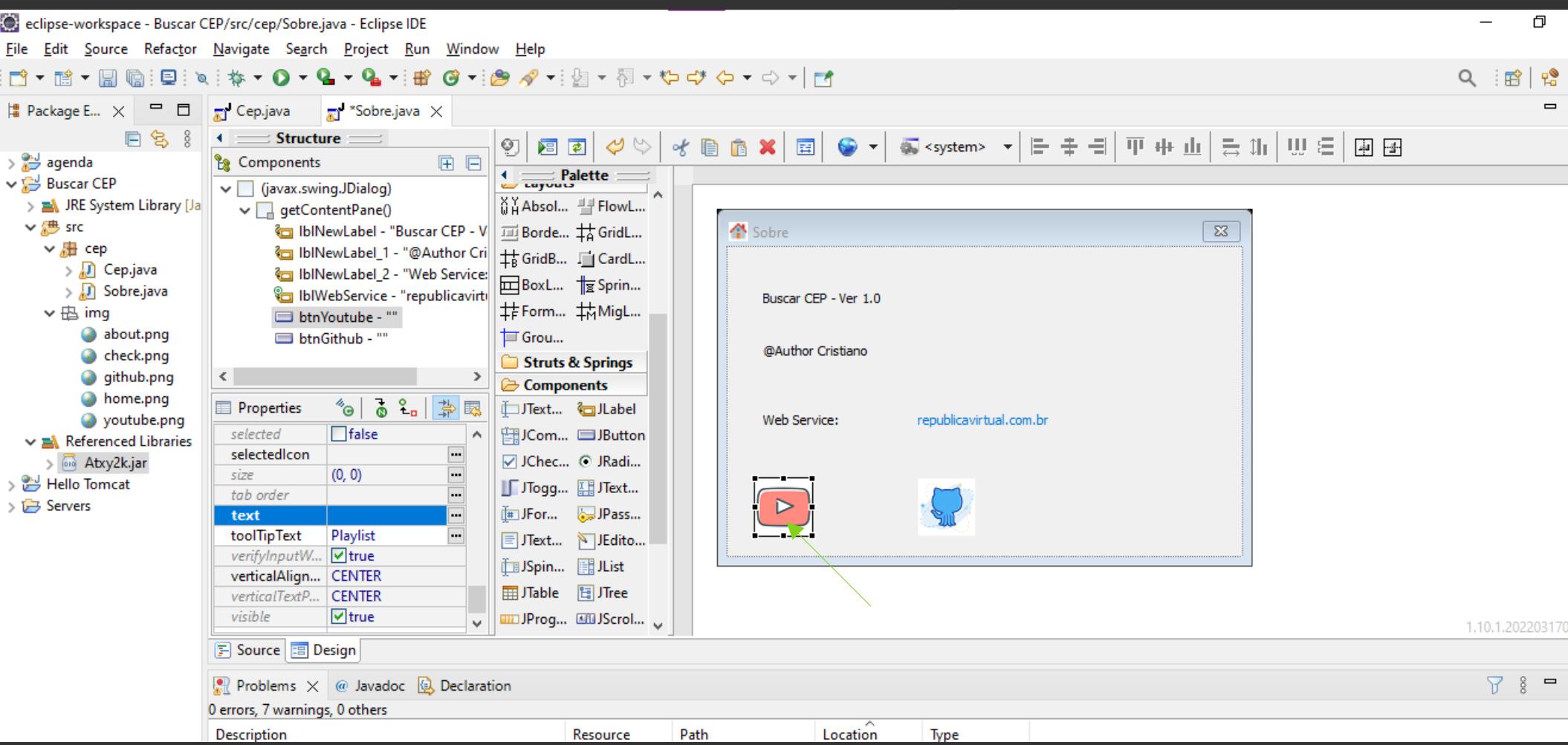
0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
The import jakarta.servlet.annotation.WebServ	Controller.java	/agenda/src/main/...	line 4	Java Problem
The serializable class Sobre does not declare a	Sobre.java	/Buscar CEP/src/cep	line 17	Java Problem
JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem

Mudei para ficar igual ao tutorial



Click duplo



eclipse workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java *Sobre.java X

Buscar CEP src cep Sobre Sobre() new ActionListener() {...} actionPerformed(ActionEvent) : void

```
66
67
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78
79
80
81
```

});
lblWebService.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblWebService.setForeground(SystemColor.textHighlight);
lblWebService.setBounds(161, 139, 205, 14);
getContentPane().add(lblWebService);

JButton btnYoutube = new JButton("");
btnYoutube.addActionListener(new ActionListener() {
 public void actionPerformed(ActionEvent e) {
 |
 }
});
btnYoutube.setToolTipText("Playlist");
btnYoutube.setIcon(new ImageIcon(Sobre.class.getResource("/img/youtube.png")));
btnYoutube.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

Source Design

Problems X @ Javadoc Declaration
0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
The import jakarta.servlet.annotation.WebServlet	Controller.java	/agenda/src/main/java/...	line 4	Java Problem

copy

(88) Curso Java. Presentación. Víc | (88) Java - Busca automática | WebService de CEP - XML, AJAX | (88) nano brito - YouTube

youtube.com/channel/UCkNsWkas2pwDltaer_USZZA/videos

c++ C++ C++ C C++ VISUAL STUDIO Domestika ASSEMBLY ss64 kernel org Linux kernel gcc archlinux die.net manpage

YouTube BR

Início Explorar Shorts Inscrições Biblioteca Histórico Seus vídeos Assistir mais tarde Follow Along Tutorials Mostrar mais

Pesquisar

INÍCIO VÍDEOS PLAYLISTS CANAIS SOBRE ORDENAR POR

Envios

Vídeo	Duração	Visualizações	Publicado
CORINGA	9:53	5 visualizações	há 2 meses
Comic	30:51	3 visualizações	há 2 meses
Mulher Maravilha	27:33	5 visualizações	há 2 meses
mulher	18:43	8 visualizações	há 2 meses
modulos proprios node	18:00	19 visualizações	há 8 meses
art	1:02	12 visualizações	há 8 meses
abobora	3:23	5 visualizações	há 2 meses
SPEED INSTA	32:00	3 visualizações	há 2 meses
carnage	3:31	5 visualizações	há 2 meses
torso study	5:21	5 visualizações	há 2 meses
round6	23:37	5 visualizações	há 2 meses
cruella CLIP STUDIO PAINT	23:37	5 visualizações	há 2 meses

INSCRIÇÕES

paste

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package E... X Cep.java Sobre.java X

Buscar CEP src cep Sobre new ActionListener() ... actionPerformed(ActionEvent) : void

```
66
67
68
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77
78
79
80
81
```

});
lblWebService.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
lblWebService.setForeground(SystemColor.textHighlight);
lblWebService.setBounds(161, 139, 205, 14);
getContentPane().add(lblWebService);

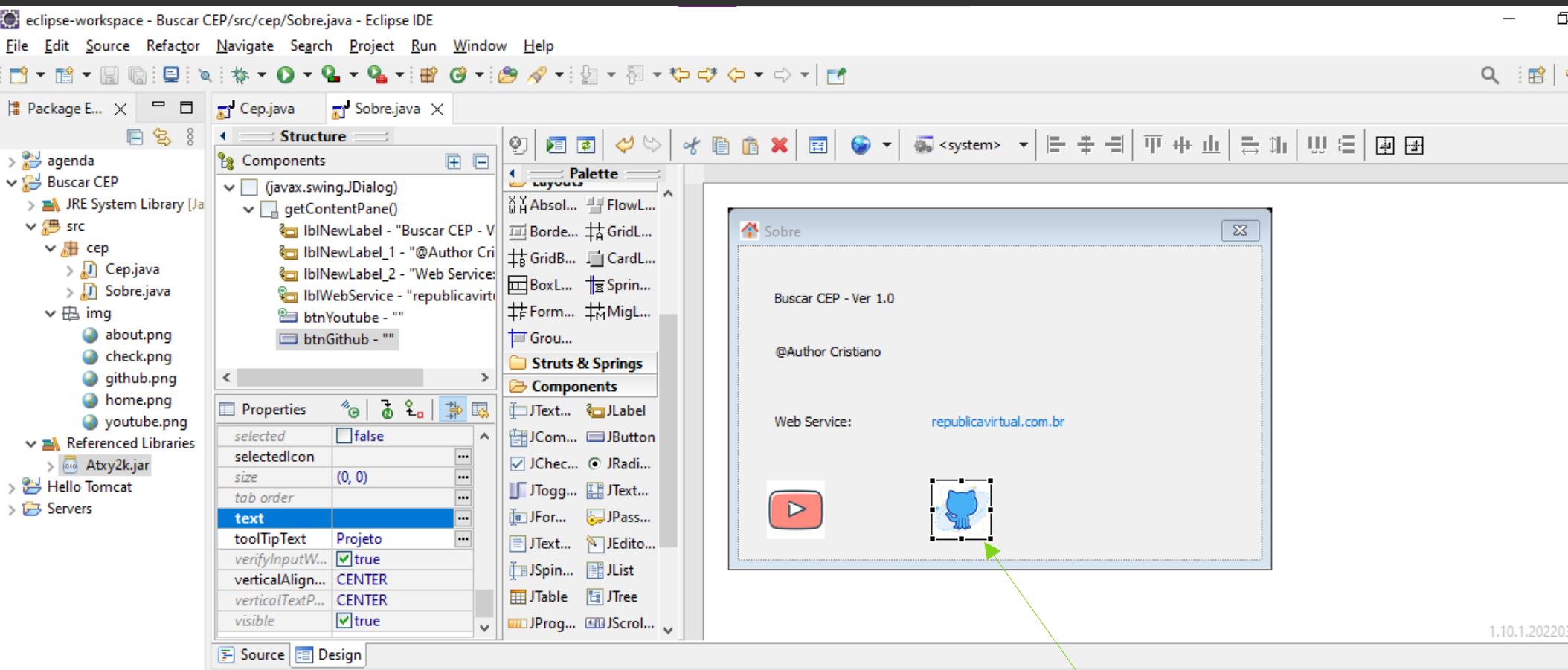
JButton btnYoutube = new JButton("");
btnYoutube.addActionListener(new ActionListener() {
 public void actionPerformed(ActionEvent e) {
 link("https://www.youtube.com/channel/UCkNswkas2pwDltaer_USZZA/videos");
 }
});
btnYoutube.setToolTipText("Playlist");
btnYoutube.setIcon(new ImageIcon(Sobre.class.getResource("/img/youtube.png")));
btnYoutube.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));

Source Design

Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Click duplo



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(88) Curso Java. Presentación. Vídeos | (88) Java - Busca automática | WebService de CEP - XML, AJAX, | cristianobrito (cristiano)

github.com/cristianobrito

c++ C++ C++ C C++ VISUAL STUDIO Domestika ASSEMBLY ss64 kernel.org Linux kernel gcc archlinux die.net manpage Outro

Pesquise ou pule para... / Solicitação de pull s Problemas Mercado Explorar

Visão geral Repositórios 37 Projetos 1 Pacotes Estrelas 51

cristianobrito / LEIA -ME .md

- Olá, SOU CRISTIANO OLIVEIRA
- DESENVOLVEDOR FULL-STACK
- ATUALMENTE ESTUDO ENGENHARIA DE SOFTWARE
- UNIDADE DE JOGOS DE DEV

cristiano's GitHub Stats

- Total Stars Earned: 1
- Total Commits: 112
- Total PRs: 1

Most Used Languages

Linguagem	Porcentagem
JavaScript	36.01%
PHP	28.04%
Batchfile	1.29%
Makefile	1.07%

paste

eclipse-workspace - Buscar CEP/src/cep/Sobre.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Sobre.java X

Buscar CEP > src > cep > Sobre > Sobre() > actionPerformed(ActionEvent) : void

```
82     btnYoutube.setBorder(null);
83     btnYoutube.setBackground(SystemColor.control);
84     btnYoutube.setBounds(24, 195, 48, 48);
85     getContentPane().add(btnYoutube);
86
87     JButton btnGithub = new JButton("");
88     btnGithub.addActionListener(new ActionListener() {
89         public void actionPerformed(ActionEvent e) {
90             link("https://github.com/cristianobrito");
91         }
92     });
93     btnGithub.setToolTipText("Projeto");
94     btnGithub.setIcon(new ImageIcon(Sobre.class.getResource("/img/github.png")));
95     btnGithub.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
96     btnGithub.setBorder(null);
97     btnGithub.setBackground(SystemColor.control);
```

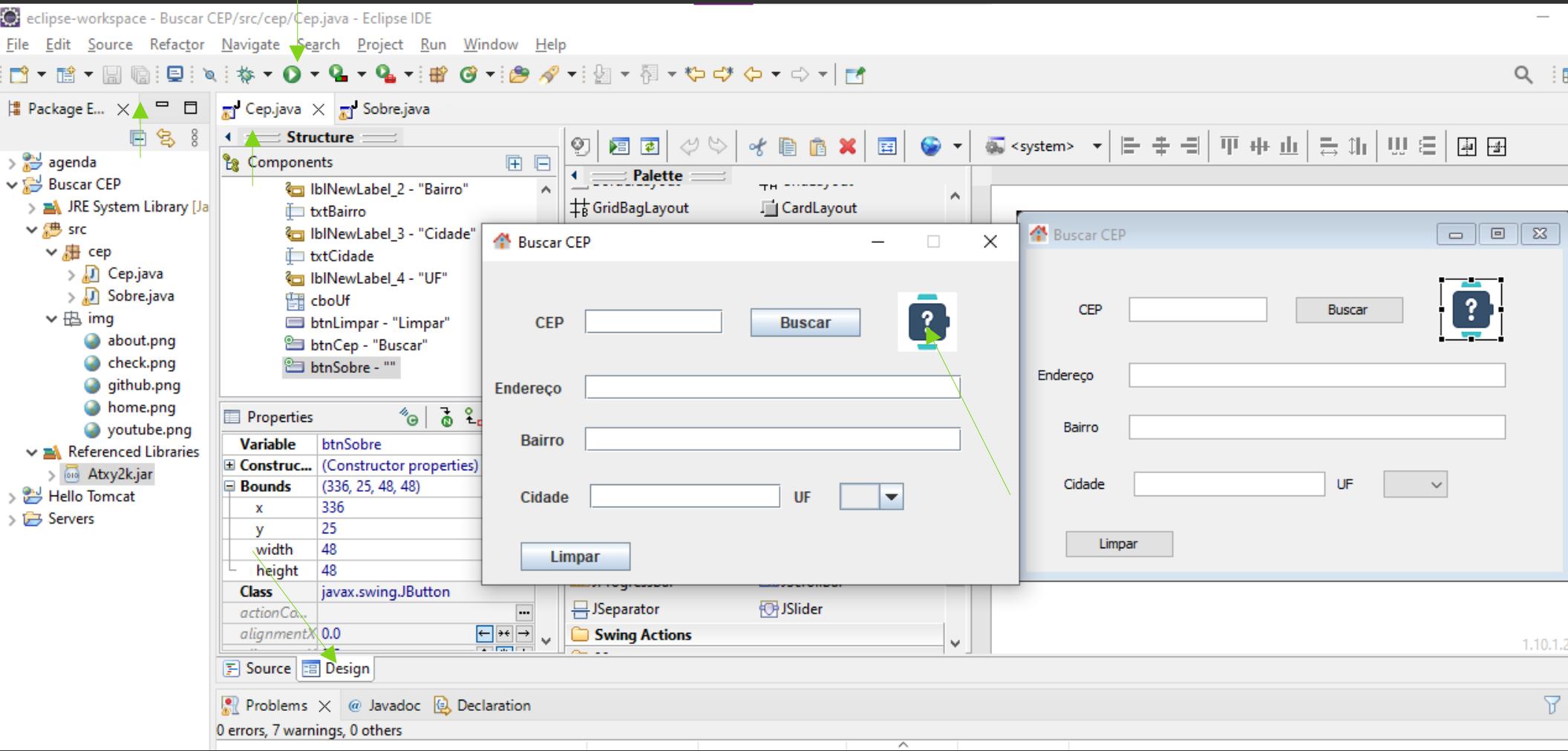
Source Design

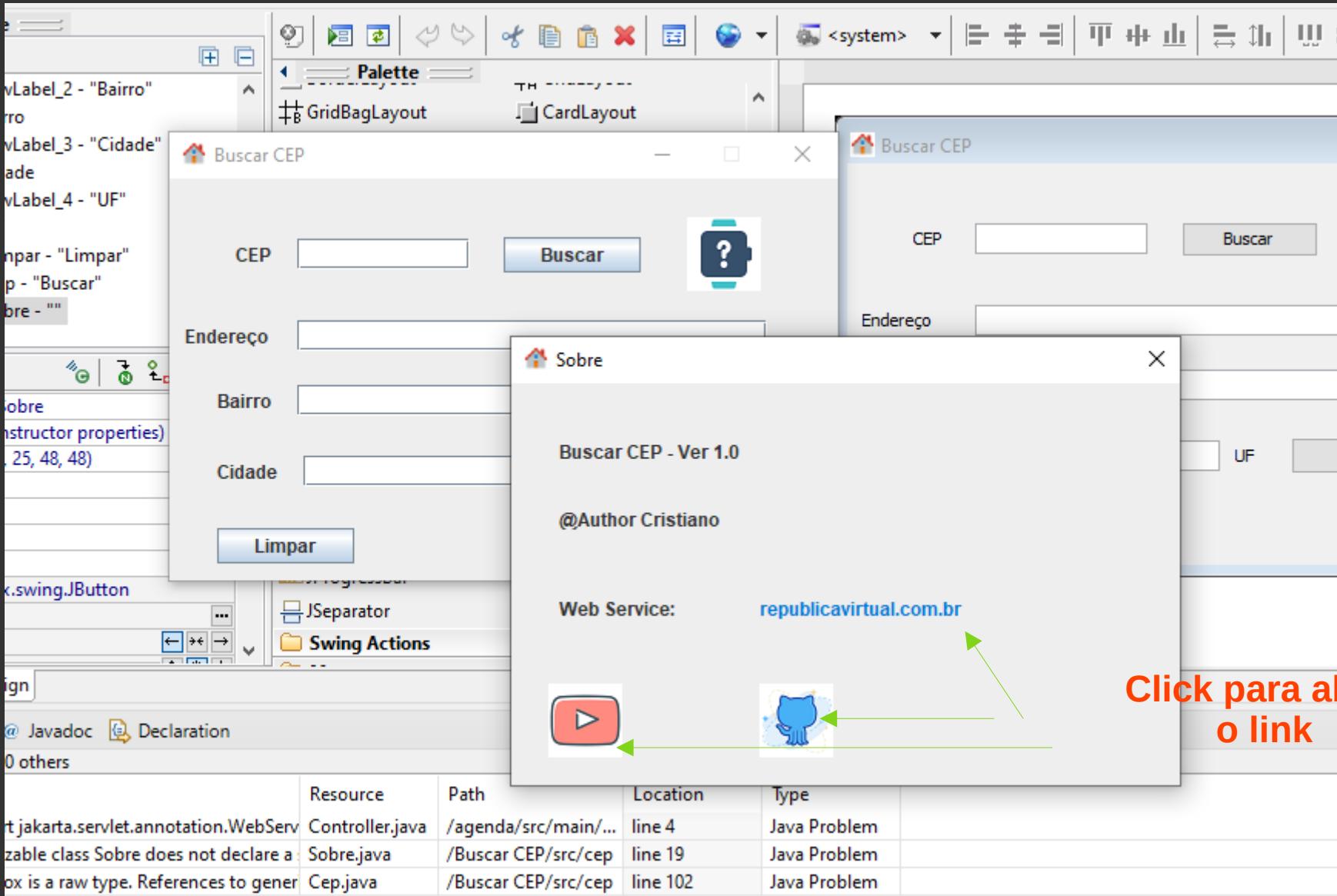
Problems X @ Javadoc Declaration

0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
The import jakarta.servlet.annotation.WebServlet	Controller.java	/agenda/src/main...	line 4	Java Problem
The import jakarta.servlet.annotation.WebServlet	Controller.java	/agenda/src/main...	line 10	Java Problem

Salve tudo retorno ao Cep.java e execute





Link aberto



Link aberto

github.com/cristianobrito

Solicitação de pull s Problemas Mercado Explorar

Visão geral Repositórios 37 Projetos 1 Pacotes Estrelas 51

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- Olá, SOU CRISTIANO OLIVEIRA
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- UNIDADE DE JOGOS DE DEV

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Total Stars Earned:	1
Total Commits:	112
Total PRs:	1
Total Issues:	0
Contributed to:	0

A+

Most Used Languages

JavaScript 36.01%	Batchfile 1.29%
PHP 28.04%	Makefile 1.07%
HTML 16.50%	C 0.83%
CSS 13.54%	C++ 0.80%
Java 1.30%	Python 0.61%

youtube.com/channel/UCkNsWkas2pwDltaer_USZZA/videos

YouTube BR

Pesquisar

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INSCRIÇÕES

- euronews (em port...)
- afarTV
- FRANCE 24 English
- Nações Unidas
- Learn English with ...
- ASMR MASSAGE ...
- Drawing Art Academy

Link aberto

nano brito
471 inscritos

PERSONALIZAR O CANAL GERENCIAR VÍDEOS

INÍCIO VÍDEOS PLAYLISTS CANAIS SOBRE

Envios ORDENAR POR

Vídeo	Visualizações	Há
CORINGA	5 visualizações	há 2 meses
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Mulher Maravilha	5 visualizações	há 2 meses
mulher	8 visualizações	há 2 meses
modulos proprios node	19 visualizações	há 8 meses
art	12 visualizações	há 8 meses

5 visualizações · há 2 meses 3 visualizações · há 2 meses 5 visualizações · há 2 meses 8 visualizações · há 2 meses 19 visualizações · há 8 meses 12 visualizações · há 8 meses

CONSULTANDO O WEB SERVICE

[←](#)[→](#)[C](#)republicavirtual.com.br[c++](#)[C++](#)[C++](#)[C](#)[C++ VISUAL STUDIO](#)[Domestika](#)[ASSEMBLY](#)[ss64](#)[kernel.org](#)[Linux kernel](#)[gcc](#)[archlinux](#)[die.net](#)[manpage](#)

Busca De Cep

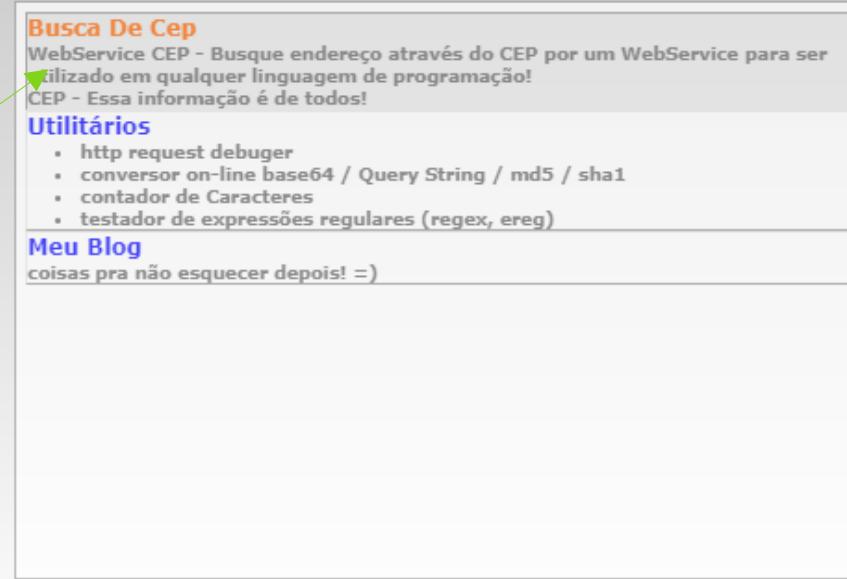
WebService CEP - Busque endereço através do CEP por um WebService para ser
utilizado em qualquer linguagem de programação!
CEP - Essa informação é de todos!

Utilitários

- http request debugger
- conversor on-line base64 / Query String / md5 / sha1
- contador de Caracteres
- testador de expressões regulares (regex, ereg)

Meu Blog

coisas pra não esquecer depois! =)



Youtube (88) Curso Java. Presentación. Vídeo | Youtube (90) Java - Busca automática | Busca de CEP - WebService de CEP +

republicavirtual.com.br/cep/ Google Home Page | Outros favoritos

c++ C++ C++ C VISUAL STUDIO Domestika ASSEMBLY ss64 kernel.org Linux kernel gcc archlinux die.net manpage

WebService CEP Exemplos Códigos Contribuir

foi bom para você?
Faça um doação para o FAP
(fundo de amparo ao programador, que sou eu)

Donate

VISA MasterCard American Express Discover PayPal

novidades

04:51 3/4/2008 - novo servidor, agora em um quad-core!
uptime atual servidor atual: uptime 100%
uptime servidor antigo (continua no ar, rodando outras coisas minhas): uptime 100%

Disponibilizado BASE de dados de CEP

Utilize a base localmente, utilize o **WebService** apenas se **não encontrar** o CEP nesta base de dados.

[Download da base de dados de CEP](#)

O que é o WebService de CEP?

É um serviço de consulta de CEP para ser utilizado como auxiliar para qualquer sistema, que pode ser configurado para responder em **XML**, **QUERY STRING** e **código javascript** (para simplificar o uso com **AJAX**).

O que fez um cara perder o seu tempo com isso?

Nos formulários de cadastros dos meus sistemas utilizei a busca de CEP para preenchimento do cadastro, mas minha base de dados é de 2005.
Desde 2005 diversos CEPs foram "criados" e a minha base foi ficando obsoleta e começou a surgir diversas solicitações de CEPs novos, toda solicitação tinha que parar tudo que estava fazendo, incluir o CEP / Logradouro / Bairro / Cidade / UFF manualmente, perdendo uns 10 minutos para efetuar esse cadastro.

[c++](#) [C++](#) [C](#) [C++ VISUAL STUDIO](#) [Domestika](#) [ASSEMBLY](#) [ss64](#) [kernel.org](#) [Linux kernel](#) [gcc](#) [archlinux](#) [die.net](#) [manpage](#)

[WebService CEP](#) [Exemplos](#) [Códigos](#) [Contribuir](#)

foi bom para você?
Faça um doação para o FAP
(fundo de amparo ao programador, que sou eu)

Donate

VISA    

Disponibilizado BASE de dados de CEP

Utilize a base localmente, utilize o **WebService** apenas se **não encontrar** o CEP nesta base de dados.

[Download da base de dados de CEP](#)

Como funciona o WebService de CEP?

Através de uma solicitação HTTP as variáveis são enviadas GET é retornado um documento no formato solicitado com o endereço do CEP.

URL WebService: http://cep.republicavirtual.com.br/web_cep.php

Variáveis de entrada:

- cep (número com 8 dígitos, ex: 90200971)
- formato (string, pode ser: [xml](#), [query_string](#), ou [jsonp](#) ou [javascript](#))
- callback (opcional, string, função em js que será executada - jsonp)

busca on-line

um pequeno exemplo de utilização utilizando formato **JAVASCRIPT**, utilizando **AJAX**

—buscar cep—

CEP:

republicavirtual.com.br/cep/exemplos.php

c++ C++ C++ C C++ VISUAL STUDIO Domestika ASSEMBLY ss64 kernel.org Linux kernel gcc archlinux die.net manpage Outros favoritos

```
'tipo_logradouro'      : 'Avenida',
'logradouro'          : 'Assis%20Brasil',
'resultado'            : '1',
'resultado_txt'        : 'sucesso%20-%20cep%20completo'
}
```

Requisitando o retorno em XML

CEP: 91010000
Formato de retorno: xml
URL: http://cep.republicavirtual.com.br/web_cep.php?cep=91010000&formato=xml

resultado

```
<?xml version="1.0" encoding="iso-8859-1"?>
<webservicecep>
<uf>RS</uf>
<cidade>Porto Alegre</cidade>
<bairro>Passo D'Areia</bairro>
<tipo_logradouro>Avenida</tipo_logradouro>
<logradouro>Assis Brasil</logradouro>
<resultado>1</resultado>
<resultado_txt>sucesso - cep completo</resultado_txt>
</webservicecep>
```

Requisitando o retorno em QUERY STRING

CEP: 91010000
Formato de retorno: query_string
URL: http://cep.republicavirtual.com.br/web_cep.php?cep=91010000&formato=query_string

resultado

```
&uf=RS&cidade=Porto+Alegre&bairro=Passo+D%27Areia&tipo_logradouro=Avenida&logradouro=Assis+Brasil&resultado=1&resultado_txt=su
```

< dom 4j > _

Casa

Documentação ▾



Estrutura XML flexível para Java.

dom4j-1.6.1

- Modelo de objeto de documento XML baseado no Java Collections Framework
 - Java 1.4+

Lançado em 20 de maio de 2005

Baixar 1.6.1 ▾

dom4j-2.0.3

- Modelo de objeto de documento XML baseado no Java Collections Framework
 - Java 5+
 - Suporte a genéricos

Lançado em 11 de abril de 2020

Baixar 2.0.3 ▾

dom4j-2.1.3

- Modelo de objeto de documento XML baseado no Java Collections Framework
 - Java 8+
 - Suporte a genéricos

Lançado em 12 de abril de 2020

Baixar 2.1.3

dom4j-1.6.1

- Modelo de objeto de documento XML baseado no Java Collections Framework
- Java 1.4+

Lançado em 20 de maio de 2005

Baixar 1.6.1 ▾

dom4j-2.0.3

- Modelo de objeto de documento XML baseado no Java Collections Framework
- Java 5+
- Suporte a genéricos

Lançado em 11 de abril de 2020

Baixar 2.0.3 ▾

dom4j-2.1.3

- Modelo de objeto de documento XML baseado no Java Collections Framework
- Java 8+
- Suporte a genéricos

Lançado em 12 de abril de 2020

Baixar 2.1.3 ▾

dom4j-2.1.3.jar

dom4j-2.1.3-sources.jar

dom4j-2.1.3-javadoc.jar

Fontes no GitHub

Começando

Casa

Analisando
XML

Iteradores

XPath

Loop

Criando
XML

Gravando em um
arquivo

Convertendo
Strings

Analizando XML

Uma das primeiras coisas que você provavelmente desejará fazer é analisar algum tipo de documento XML. Isso é fácil de fazer em < dom 4 j > . O código a seguir demonstra como fazer isso.

Salvar como

Este Comp... > Downloads >

Pesquisar em Downloads

Organizar ▾ Nova pasta

Este Computador

Área de Trabalho

Documentos

Downloads

Imagens

Músicas

Objetos 3D

Vídeos

OS (C:)

Outros

Hoje (3)



Atxy2k.jar



BAIXADOS



ícones

Semana passada (1)



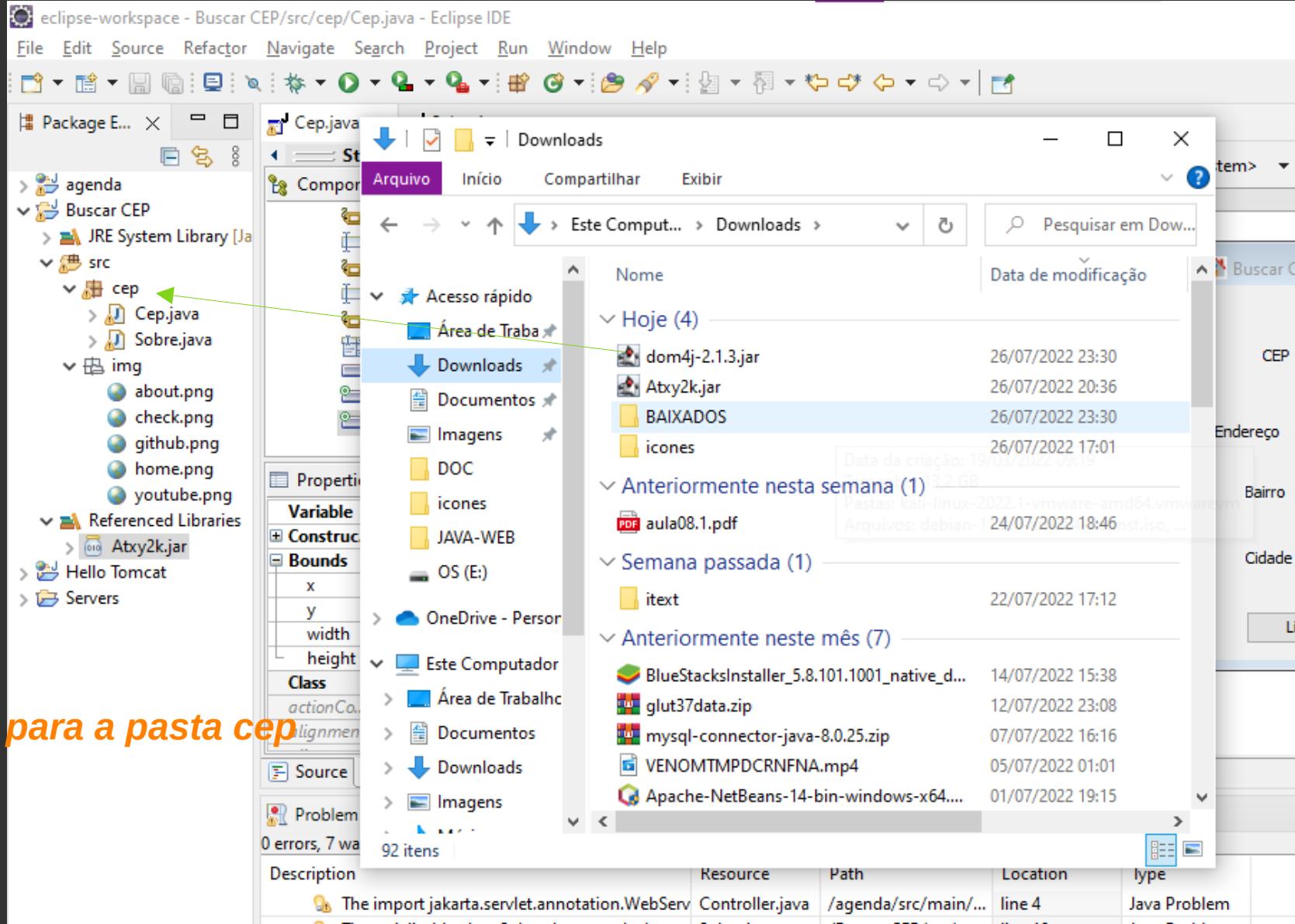
Nome:

Tipo: Arquivo JAR (*.jar)

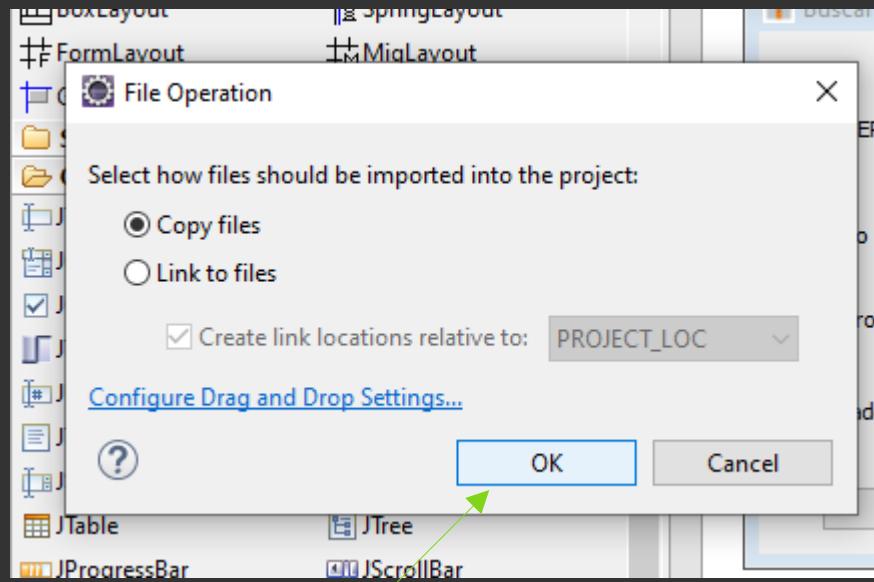
Salvar

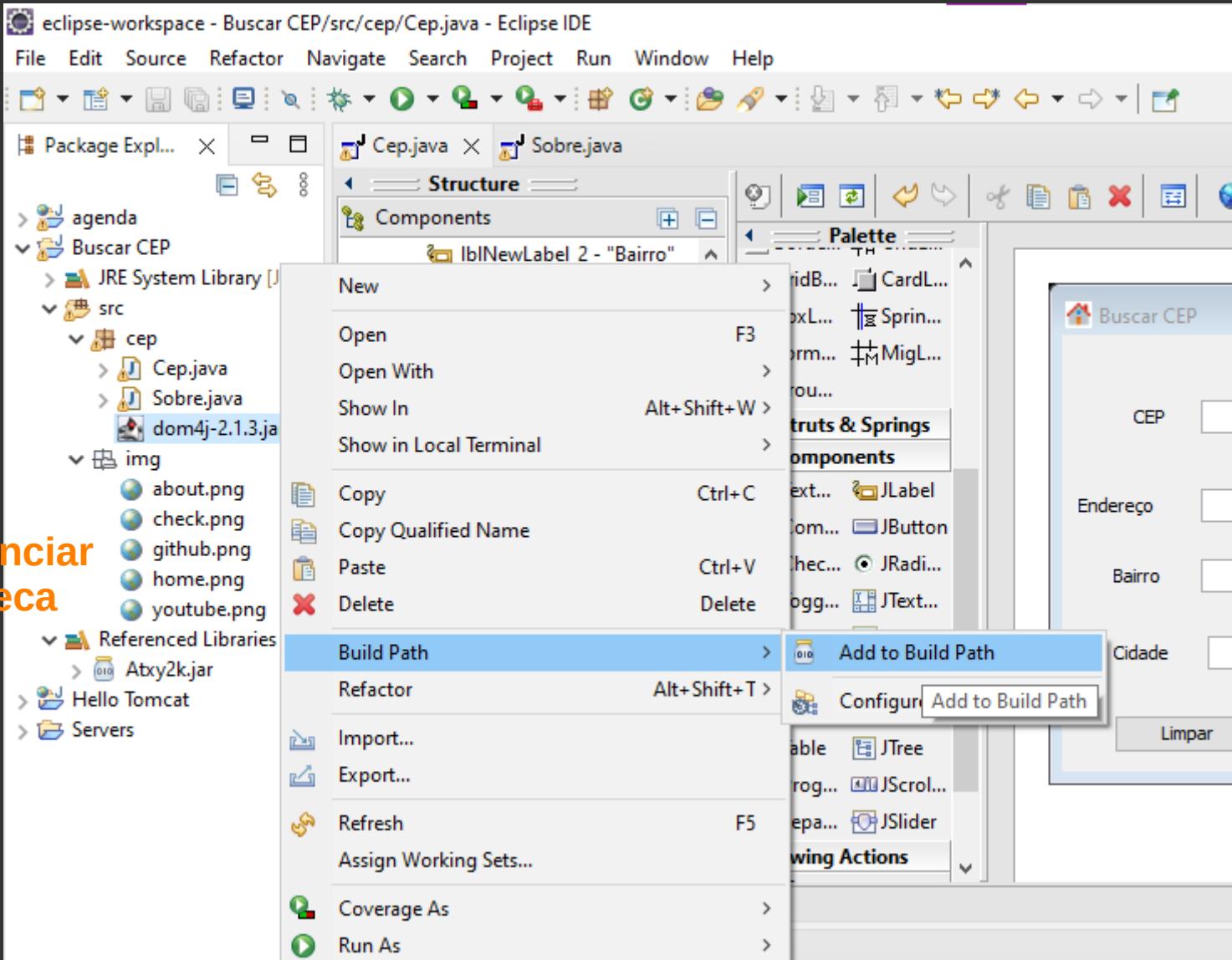
Cancelar

Que você provavelmente desejará fazer é analisar algum tipo de documento XML. Isso é fácil de fazer em
seu projeto.

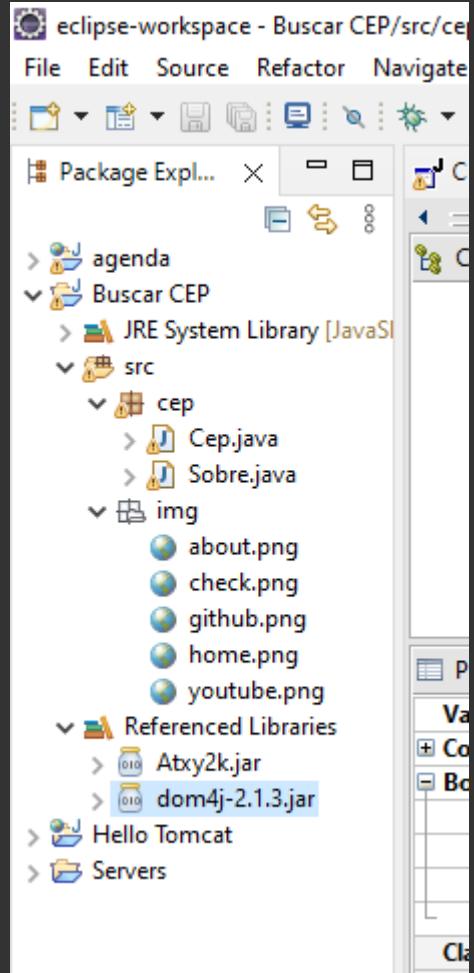


Arraste para a pasta cep





Para referenciar
a biblioteca



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Expl... X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep

```
137     btnSobre.setCursor(Cursor.getPredefinedCursor(Cursor.HAND_CURSOR));
138     btnSobre.setBorder(null);
139     btnSobre.setBackground(SystemColor.control);
140     btnSobre.setBounds(336, 25, 48, 48);
141     contentPane.add(btnSobre);

143     /* uso da biblioteca atx2k para a validacao do campo cep */
144     RestrictedTextField validar = new RestrictedTextField(txtCep);
145     validar.setOnlyNums(true);
146     validar.setLimit(8);
147     } // fim do construtor
148     private void buscarCep() {
149
150     }
151 }
152 }
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Description	Resource	Path	Location	Type
JComboBox is a raw type. References to gener	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem
DefaultComboBoxModel is a raw type. Referer	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
Type safety: The constructor DefaultComboBox	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
Type safety: The method setModel(ComboBox	Cep.java	/Buscar CEP/src/cep	line 103	Java Problem
The method buscarCep() from the type Cep is	Cep.java	/Buscar CEP/src/cep	line 148	Java Problem

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

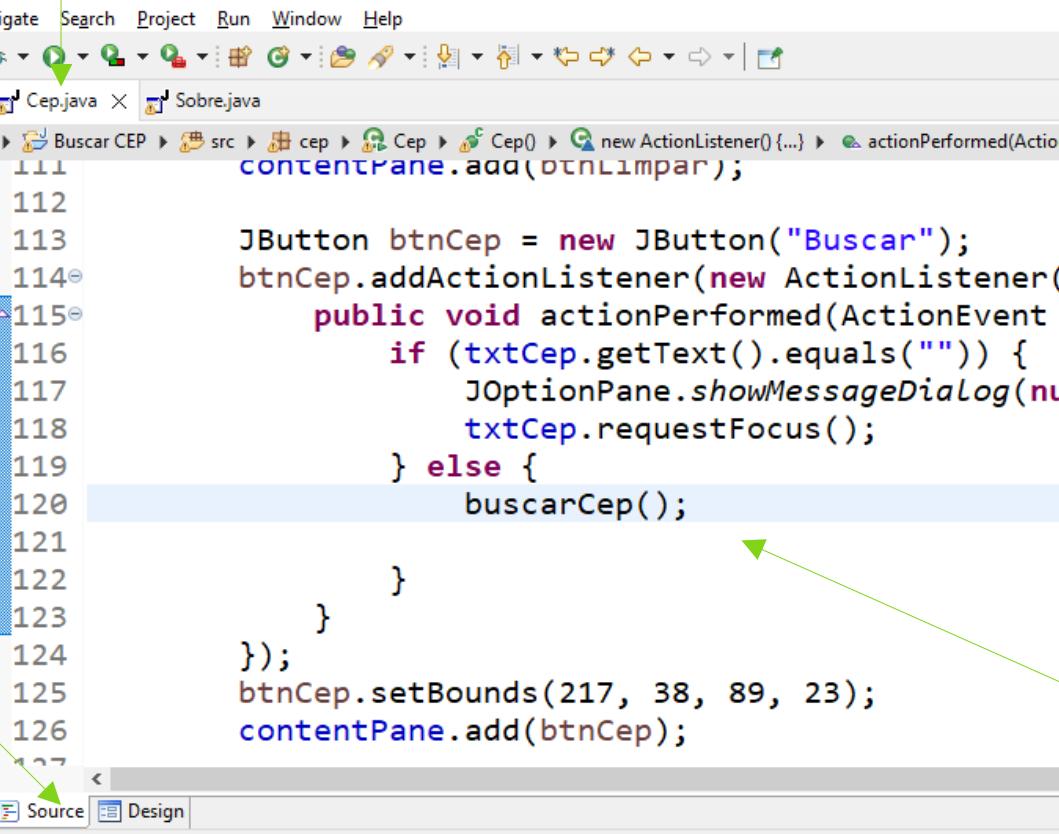
Package Expl... X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java new ActionListener() {...} actionPerformed(ActionEvent) : void

```
111 contentPane.add(btnLimpar);  
112  
113 JButton btnCep = new JButton("Buscar");  
114 btnCep.addActionListener(new ActionListener() {  
115     public void actionPerformed(ActionEvent e) {  
116         if (txtCep.getText().equals("")) {  
117             JOptionPane.showMessageDialog(null, "Informe o CEP");  
118             txtCep.requestFocus();  
119         } else {  
120             buscarCep();  
121         }  
122     }  
123 });  
124 btnCep.setBounds(217, 38, 89, 23);  
125 contentPane.add(btnCep);  
126  
127
```

Source Design

Problems X @ Javadoc Declaration



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Expl... X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

```
140     btnSobre.setBounds(336, 25, 48, 48);
141     contentPane.add(btnSobre);

143     /* uso da biblioteca atx2k para a validacao do campo cep */
144     RestrictedTextField validar = new RestrictedTextField(txtCep);
145     validar.setOnlyNums(true);
146     validar.setLimit(8);
147     }// fim do construtor
148     private void buscarCep() {
149         String logradouro = "";
150         String tipoLogradouro = "";
151         String resultado = null;
152         String cep = txtCep.getText(); ←
153     }
154 }
155
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 11 warnings, 0 others

Description	Resource	Path	Location	Type
JComboBox is a raw type. References to generic type JComboBox<T> should be parameterized	Cep.java	/Buscar CEP/src/cep	line 102	Java Problem

O motivo de porque criamos as strings anteriores por causa do xml

quisitando o retorno em XML

CEP: 91010000
Formato de retorno: xml
URL: http://cep.republicavirtual.com.br/web_cep.php?cep=91010000&formato=xml

resultado

```
<?xml version="1.0" encoding="iso-8859-1"?>
<webservicecep>
<uf>RS</uf>
<cidade>Porto Alegre</cidade>
<bairro>Passo D'Areia</bairro>
<tipo_logradouro>Avenida</tipo_logradouro> ←
<logradouro>Assis Brasil</logradouro> ←
<resultado>1</resultado> ←
<resultado_txt>sucesso - cep completo</resultado_txt>
</webservicecep>
```

quisitando o retorno em QUERY STRING

Ctrl + shift + o
Para importar

File Edit Source Refactor Navigate Search Project Run Window Help

Package Expl... X Cep.java X Sobre.java

Buscar CEP > src > cep > Cep >

```
145     validar.setOnlyNums(true);
146     validar.setLimit(8);
147 } // fim do construtor
148 private void buscarCep() {
149     String logradouro = "";
150     String tipoLogradouro = "";
151     String resultado = null;
152     String cep = txtCep.getText();
153     try {
154         URL url = new URL();
155     } catch (Exception e) {
156         System.out.println(e);
157     }
158 }
159 }
```

Source Design

Problems X @ Javadoc Declaration

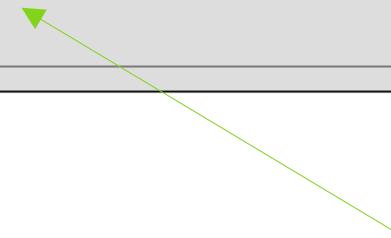
Copy só até o sinal de =

Requisitando o retorno em XML

CEP: 91010000
Formato de retorno: xml
URL: http://cep.republicavirtual.com.br/web_cep.php?cep=91010000&formato=xml

resultado

```
<?xml version="1.0" encoding="iso-8859-1"?>
<webservicecep>
<uf>RS</uf>
<cidade>Porto Alegre</cidade>
<bairro>Passo D'Areia</bairro>
<tipo_logradouro>Avenida</tipo_logradouro>
<logradouro>Assis Brasil</logradouro>
<resultado>1</resultado>
<resultado_txt>sucesso - cep completo</resultado_txt>
</webservicecep>
```



QUERY STRING

Paste não esqueça de importar ctrl + shift + o

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Expl... X Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

```
145     validar.setOnlyNums(true);
146     validar.setLimit(8);
147     }// fim do construtor
148     private void buscarCep() {
149         String logradouro = "";
150         String tipoLogradouro = "";
151         String resultado = null;
152         String cep = txtCep.getText();
153         try {
154             URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=");
155         } catch (Exception e) {
156             System.out.println(e);
157         }
158     }
159 }
160
```

Source Design



Copy até o &

A screenshot of a browser window. The address bar shows `republicavirtual.com.br/cep/exemplos.php`. The tab bar includes tabs for 'dom4j' and 'Busca de CEP - WebService de CEP'. Below the browser is a code editor with tabs for C++, C, C++ VISUAL STUDIO, Domestika, ASSEMBLY, ss64, kernel.org, Linux kernel, gcc, archlinux, die.net, and manpage. The code editor contains the following JSON data:

```
        'tipo_logradouro' : 'Avenida',
        'logradouro' : 'Assis%20Brasil',
        'resultado' : '1',
        'resultado_txt' : 'sucesso%20-%20cep%20completo'
    }
```

Requisitando o retorno em XML

CEP: **91010000**
Formato de retorno: **xml**
URL: http://cep.republicavirtual.com.br/web_cep.php?cep=91010000&formato=xml

resultado

```
<?xml version="1.0" encoding="iso-8859-1"?>
<webservicescep>
<uf>RS</uf>
<cidade>Porto Alegre</cidade>
<bairro>Passo D'Areia</bairro>
<tipo_logradouro>Avenida</tipo_logradouro>
<logradouro>Assis Brasil</logradouro>
<resultado>1</resultado>
<resultado_txt>sucesso - cep completo</resultado_txt>
</webservicescep>
```

paste

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP src cep Cep buscarCep(): void

```
145 setOnlyNums(true);
146 setLimit(8);
147 onstrutor
148| buscarCep() {
149     .ogradouro = "";
150     ipoLogradouro = "";
151     resultado = null;
152     cep = txtCep.getText();
153
154     url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep + "&formato=xml");
155     (Exception e) {
156         em.out.println(e);
157
158
159
160
```

Source Design

Problems X @ Javadoc Declaration



A linha toda

```
private void buscarCep() {  
String logradouro ="";  
String tipoLogradouro ="";  
String resultado =null;  
String cep = txtCep.getText();  
try {  
URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep +  
"&formato=xml");  
} catch (Exception e) {  
System.out.println(e);  
}
```



Pa... X □ □

Cep.java X Sobre.java

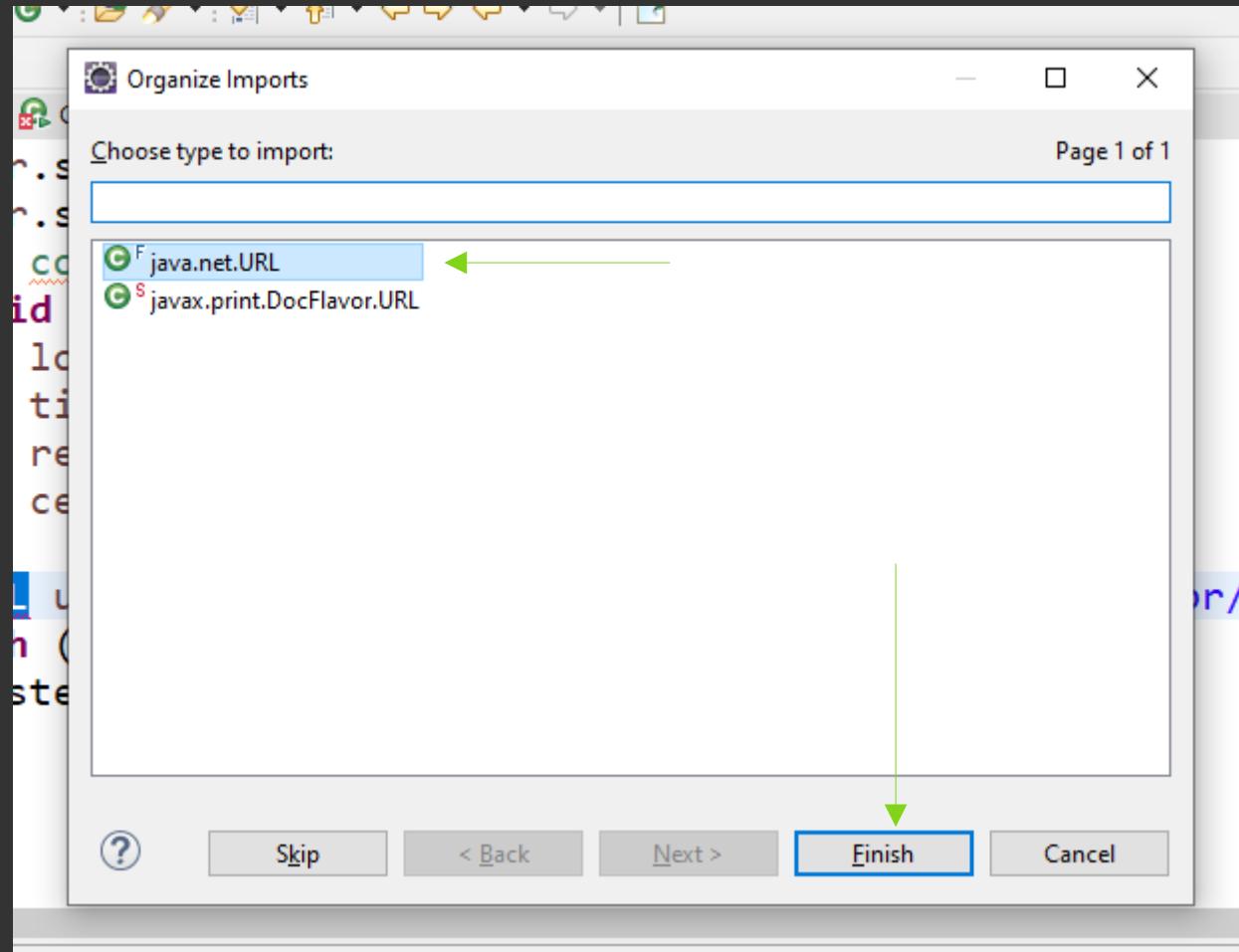
Buscar CEP > src > cep > Cep > buscarCep(): void

```
145         validar.setOnlyNums(true);
146         validar.setLimit(8);
147     }// fim do construtor
148     private void buscarCep() {
149         String logradouro = "";
150         String tipoLogradouro = "";
151         String resultado = null;
152         String cep = txtCep.getText();
153         try {
154             URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=");
155         } catch (Exception e) {
156             System.out.println(e);
157         }
158     }
159 }
```

Import 'URL' (java.net)

- C Create class 'URL'
- Change to 'URI' (java.net)
- Change to 'Util' (org.graalvm.compiler.core.common.util)
- R Rename in file (Ctrl+2, R)
- Fix project setup...

```
...
import Atxy2k.CustomTextField.RestrictedTextField;
import java.awt.event.ActionListener;
import java.net.URL;
import java.awt.event.ActionEvent;
```



The screenshot shows a Java development environment with the following interface elements:

- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Toolbar:** Includes icons for New, Open, Save, Print, Find, Copy, Paste, Cut, Undo, Redo, and various project management tools.
- Project Explorer:** Shows the project structure:
 - agenda
 - Buscar CEP
 - JRE System Lib
 - src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.pr
 - check.pr
 - github.pr
 - home.pr
 - youtube.pr
 - Referenced Lib
 - Atxy2k.jar
 - dom4j-2.1.3
 - Hello Tomcat
 - Servers
- Editor Area:** Displays the code for **Cep.java**. The code imports various Java.awt and javax.swing packages, along with java.net.URL. The file is part of the **Buscar CEP** project, under the **src/cep** package, and contains a method named **buscarCep()**.
- Bottom Navigation:** Shows tabs for "Source" and "Design".

```
1 package cep;
2
3 import java.awt.Cursor;
4 import java.awt.EventQueue;
5 import java.awt.SystemColor;
6 import java.awt.Toolkit;
7 import java.awt.event.ActionEvent;
8 import java.awt.event.ActionListener;
9 import java.net.URL;
10
11 import javax.swing.DefaultComboBoxModel;
12 import javax.swing.ImageIcon;
13 import javax.swing.JButton;
14 import javax.swing.JComboBox;
15 import javax.swing.JFrame;
16 import javax.swing.JLabel;
```

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

*Cep.java Sobre.java

Buscar CEP src cep Cep buscarCep(): void

```
private void buscarCep() {
    String logradouro = "";
    String tipoLogradouro = "";
    String resultado = null;
    String cep = txtCep.getText();
    try {
        URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep + '');
        SAXReader xml = new SAXReader();
        Document documento = xml.read(url);
        Element root = documento.getRootElement();
    } catch (Exception e) {
        System.out.println(e);
    }
}
```

agenda
Buscar CEP
JRE System Lib
src
cep
Cep.java
Sobre.java
img
about.pr
check.pr
github.p
home.pr
youtube
Referenced Libs
Atxy2k.jar
dom4j-2.1.3
Hello Tomcat
Servers

Source Design

Problems @ Javadoc Declaration

The image shows several annotations in the code editor: 1) A green arrow points from the 'buscarCep()' method declaration in the code area up towards the 'File' menu in the top navigation bar. 2) A green arrow points from the 'txtCep.getText()' call in line 157 down towards the 'txtCep' variable in the code area. 3) A green arrow points from the 'System.out.println(e);' statement in line 163 down towards the 'e' variable in the same line.

Atenção na hora de importar os elementos eles devem ser importados da biblioteca certa no caso a quela que instalamos a dom4j

The screenshot shows a Java code editor with the following code snippet:

```
String cep = txtCep.getText();
try {
    URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=");
    SAXReader xml = new SAXReader();
    Document documento = xml.read(url);
    Element root = documento.getRootElement();
```

The cursor is at the end of the line 'Element root = ...'. A code completion dropdown is open, listing several options for 'Element':

- Import 'Element' (org.w3c.dom)
- Import 'Element' (javax.lang.model.element)
- Import 'Element' (javax.swing.text)
- Import 'Element' (javax.swing.text.html.parser)
- Import 'Element' (org.dom4j) ← This option is selected.
- Create class 'Element'
- Create interface 'Element'
- Change to 'BaseElement' (org.dom4j.tree)
- Change to 'BeanElement' (org.dom4j.bean)
- Change to 'BlockElement' (javax.swing.text.html.HTMLDocument)
- Change to 'BranchElement' (javax.swing.text.AbstractDocument)

The code editor interface includes a left sidebar with project files like 'Sobre.java', 'img', 'Referenced Lib', 'Hello Tomcat', and 'Servers'. Below the code editor are tabs for 'Source' and 'Design', and a 'Problems' view showing 2 errors and 7 warnings.

Parando o mouse encima também podemos importar

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

*Cep.java X Sobre.java

Buscar CEP > src > cep > Cep >

```
18 import javax.swing.JPanel;
19 import javax.swing.JTextField;
20 import javax.swing.border.EmptyBorder;
21
22 import org.dom4j.Document;
23 import org.dom4j.Element;
24 import org.dom4j.io.SAXReader;
25
26 import Atxy2k.CustomTextField.RestrictedTextField;
27
28 @SuppressWarnings("serial")
29 public class Cep extends JFrame {
30
31     private JPanel contentPane;
32     private JTextField txtCep;
33     private JTextField txtEndereco;
```



Começando

[Casa](#)[Analizando XML](#)[Iteradores](#)[XPath](#)[Loop](#)[Criando XML](#)[Gravando em um arquivo](#)[Conversões String](#)

Analizando XML

Uma das primeiras coisas que você provavelmente desejará fazer é analisar algum tipo de documento XML. O exemplo a seguir demonstra como fazer isso.

```
1 import java.net.URL;
2
3 import org.dom4j.Document;
4 import org.dom4j.DocumentException;
5 import org.dom4j.io.SAXReader;
6
7 public class Foo {
8
9     public Document parse(URL url) throws DocumentException {
10         SAXReader reader = new SAXReader();
11         Document document = reader.read(url);
12         return document;
13     }
14 }
```

dom4j.github.io/#iterators

Iteradores

```
1 public void bar(Document document) throws DocumentException {  
2     Element root = document.getRootElement();  
3  
4     // iterate through child elements of root  
5     for (Iterator<Element> it = root.elementIterator(); it.hasNext();){  
6         Element element = it.next();  
7         // do something  
8     }  
9  
10    // iterate through child elements of root with element name "foo"  
11    for (Iterator<Element> it = root.elementIterator("foo"); it.hasNext();){  
12        Element foo = it.next();  
13        // do something  
14    }  
15  
16    // iterate through attributes of root  
17    for (Iterator<Attribute> it = root.attributeIterator(); it.hasNext();){  
18        Attribute attribute = it.next();  
19        // do something  
20    }  
21}
```

copy

paste

File Edit Source Refactor Navigate Search Project Run Window Help

*Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

```
158     try {
159         URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep + '&formato=json');
160         SAXReader xml = new SAXReader();
161         Document documento = xml.read(url);
162         Element root = documento.getRootElement();
163         // iterate through child elements of root
164         for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
165             Element element = it.next();
166             // do something
167         }
168     } catch (Exception e) {
169         System.out.println(e);
170     }
171 }
172 }
```

Source Design

Problems X @ Javadoc Declaration

2 errors, 7 warnings, 0 others

The screenshot shows a Java code editor with the following code snippet:

```
SAXReader xml = new SAXReader();
Document documento = xml.read(url);
Element root = documento.getRootElement();
// iterate through child elements of root
for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
```

A code completion dropdown menu is open at the cursor position, showing the following suggestions:

- Import 'Iterator' (javax.swing.text.html.HTMLDocument)
- Import 'Iterator' (java.util) ← (highlighted by an orange arrow)
- >Create class 'Iterator<T>' (greyed out)
- Create interface 'Iterator<T>' (greyed out)
- Change to 'BreakIterator' (java.text) (greyed out)
- Change to 'ElementIterator' (javax.swing.text) (greyed out)
- Change to 'ElementIterator' (org.dom4j.tree) (greyed out)
- Change to 'FilterIterator' (org.dom4j.tree) (greyed out)
- Change to 'InliningIterator' (org.graalvm.compiler.phases.com...
- Change to 'Iterable' (java.lang) (greyed out)
- Change to 'IIRGenerator' (org.graalvm.compiler.libcgen) (greyed out)

The IDE interface includes a left sidebar with project files like 'src', 'cep', 'img', and 'Referenced Lib'. Below the code editor are tabs for 'Source' and 'Design', and at the bottom are tabs for 'Problems', 'Tasks', 'Issues', and 'Pending Changes'.

The screenshot shows a Java development environment with the following interface elements:

- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Toolbar:** Includes icons for file operations like Open, Save, Print, and various search and navigation functions.
- Project Explorer:** Shows the project structure:
 - agenda
 - Buscar CEP (selected)
 - JRE System Lib
 - src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.pr
 - check.pr
 - github.pr
 - home.pr
 - youtube
 - Referenced Lib
 - Abxy2k.jar
 - dom4j-2.1.3
 - Hello Tomcat
 - Servers
- Code Editor:** Displays the Cep.java file with the following code:

```
1 package cep;
2
3 import java.awt.Cursor;
4 import java.awt.EventQueue;
5 import java.awt.SystemColor;
6 import java.awt.Toolkit;
7 import java.awt.event.ActionEvent;
8 import java.awt.event.ActionListener;
9 import java.net.URL;
10 import java.util.Iterator;
11
12 import javax.swing.DefaultComboBoxModel;
13 import javax.swing.ImageIcon;
14 import javax.swing.JButton;
15 import javax.swing.JComboBox;
16 import javax.swing.JFrame;
```
- Status Bar:** Shows "Source" and "Design" tabs.

Salve tudo e execute para fazer um teste

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Toolbar:** Standard Eclipse toolbar icons.
- Left Sidebar (Project Explorer):**
 - Buscar CEP project structure:
 - agenda
 - Buscar CEP
 - JRE System Lib
 - src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.pr
 - check.pr
 - github.pr
 - home.pr
 - youtube
 - Referenced Lib
 - Atxy2k.jar
 - dom4j-2.1.2
 - Hello Tomcat
 - Servers
 - Central Area (Code Editor):** Displays the Cep.java file content.

```
159     try {
160         URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep + '&formato=json');
161         SAXReader xml = new SAXReader();
162         Document documento = xml.read(url);
163         Element root = documento.getRootElement();
164         // iterate through child elements of root
165         for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
166             Element element = it.next();
167             if(element.getQualifiedName().equals("cidade")) {
168                 txtCidade.setText(element.getText());
169             }
170         }
171     } catch (Exception e) {
172         System.out.println(e);
173     }
174 }
```
 - Bottom Status Bar:** Problems X @ Javadoc Declaration. 0 errors, 10 warnings, 0 others.

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP src cep Cep buscarCep(): void

```
159 try {  
160     URL url = new URL("http://cep.republicavirtual.com.br/web_cep.php?cep=" + cep);  
161     SAXReader xml = new SAXReader();  
162     Document document = xml.read(url);  
163     Element rootElement = document.getRootElement();  
164     // itera sobre os elementos do XML  
165     for (Iterator iterator = rootElement.elementIterator(); iterator.hasNext(); ) {  
166         Element element = iterator.next();  
167         if (element.getName().equals("cep")) {  
168             System.out.println(element.getText());  
169         }  
170     }  
171 } catch (Exception e) {  
172     e.printStackTrace();  
173 }  
174 }
```

Buscar CEP

CEP: Buscar 

Endereço:

Bairro:

Cidade: UF:

Limpar

Source Design

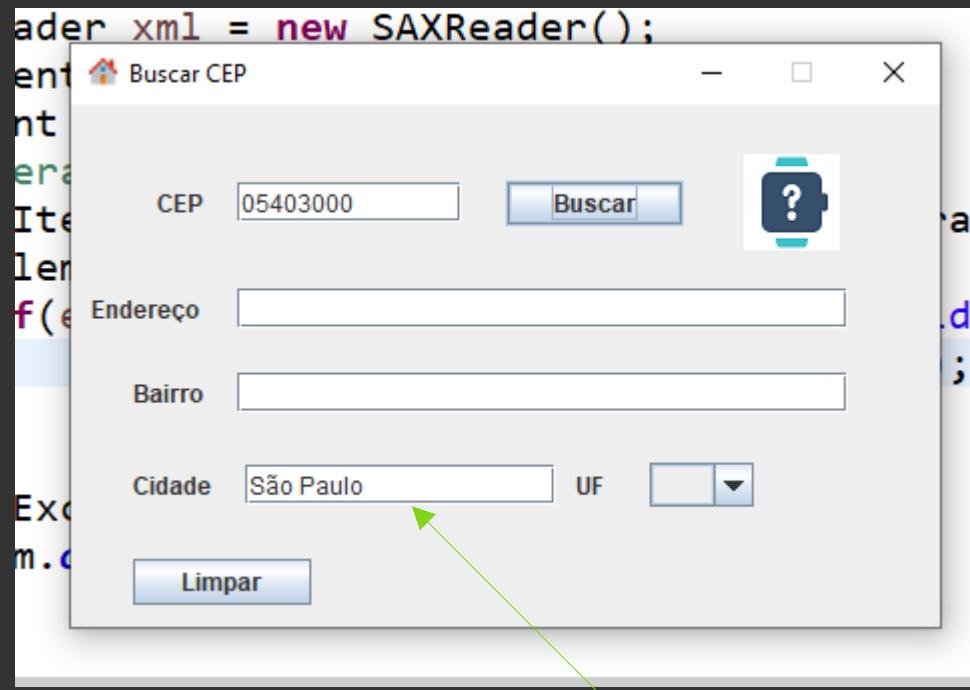
Problems X @ Javadoc Declaration

0 errors, 10 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (10 items)				
The import jakarta.servlet.annotation.WebServlet is not present	Controller.java	/agenda/src/main/java/controller/Controller.java	line 4	Java Problem
The serializable class Sobre does not declare a serialVersionUID	Sobre.java	/Buscar CEP/src/cep/Sobre.java	line 19	Java Problem
JComboBox is a raw type. References to generic types must be parameterized	Cep.java	/Buscar CEP/src/cep/Cep.java	line 108	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 109	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 110	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 111	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 112	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 113	Java Problem
Method getParameterNames is undefined for class java.util.Enumeration	Controller.java	/agenda/src/main/java/controller/Controller.java	line 114	Java Problem

```
{  
URL url = new URL("http://cep.republicavirtual.com.b  
SAXReader xml = new SAXReader();  
Document doc = xml.read(url);  
Element root = doc.getRootElement();  
// itera sobre os elementos do XML  
for (Iterator iterator = root.elementIterator(); iterator.hasNext();)  
{  
    Element element = iterator.next();  
    if(element.getName().equals("logradouro"))  
    {  
        System.out.println(element.getText());  
    }  
}  
}  
catch (Exception e)  
{  
    System.out.println("Ocorreu um erro: " + e.getMessage());  
}  
System.out.println("Busca realizada com sucesso!");
```

The screenshot shows a Java code editor with a partially visible code snippet and a modal dialog window titled "Buscar CEP". The code is reading a XML file from a URL and printing the first "logradouro" element. The modal window has fields for "CEP" (with value "05403000"), "Endereço", "Bairro", "Cidade", "UF" (with a dropdown menu), and a "Buscar" button. A question mark icon is also present. Two orange arrows point from the code editor's URL and CEP variable to the corresponding fields in the dialog window.



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP src cep Cep buscarCep(): void

```
164         // iterate through child elements of root
165         for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
166             Element element = it.next();
167             if(element.getQualifiedName().equals("cidade")) {
168                 txtCidade.setText(element.getText());
169             }
170             if(element.getQualifiedName().equals("bairro")) {
171                 txtBairro.setText(element.getText());
172             }
173             if(element.getQualifiedName().equals("uf")) {
174             }
175         }
176     } catch (Exception e) {
177         System.out.println(e);
178     }
179 }
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 10 warnings, 0 others

Click no ícone e repare que ele muda

File Edit Source Refactor Navigate Search Project Run Window Help

The screenshot shows the Eclipse IDE interface for Java development. The project 'Buscar CEP' is open, with files 'Cep.java' and 'Sobre.java' selected. The 'Design' tab is active, showing the graphical user interface (GUI) for the application.

The GUI consists of several components:

- A search bar labeled 'CEP' with a placeholder 'Buscar'.
- An input field labeled 'Endereço'.
- An input field labeled 'Bairro'.
- An input field labeled 'Cidade'.
- A 'UF' dropdown menu (JComboBox) with a placeholder 'UF'.
- A 'Limpar' button.
- A 'Buscar' button.
- A 'Sobre' button.

The 'Properties' panel on the left displays the configuration for the 'UF' dropdown:

Variable	Class
cboUf	javax.swing.JComboBox
actionCommand	comboBoxChanged
alignmentX	0.5
alignmentY	0.5

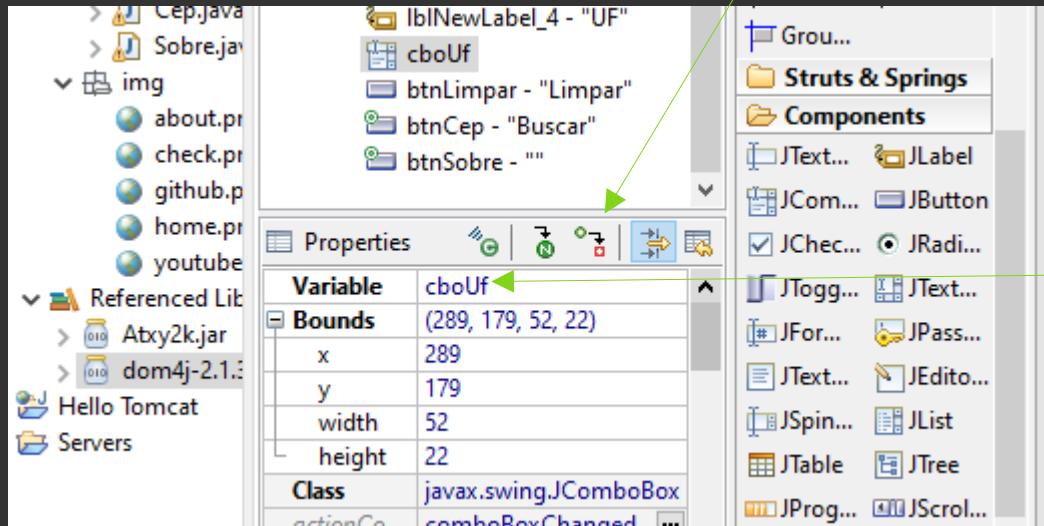
The 'Bounds' section shows the current coordinates: x=289, y=179, width=52, height=22. A tooltip 'Convert local to field' is visible near the 'Bounds' row.

The 'Palette' panel on the right lists various Swing components, including Buttons, Labels, Text Fields, and Comboboxes.

Green arrows highlight specific UI elements and toolbars to demonstrate interactivity:

- An arrow points to the toolbar icon for opening the Properties panel.
- An arrow points to the 'UF' dropdown menu in the GUI.
- An arrow points to the 'UF' dropdown menu in the Properties panel.
- An arrow points to the 'Design' tab at the bottom of the interface.

icone



Nome da
variável

Salve tudo e faça um teste execute

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Project Run Window Help

Cep.java X Sobre.java

Buscar CEP src cep Cep buscarCep():void

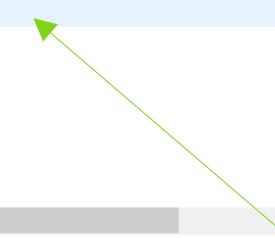
```
164     Element root = documento.getRootElement();
165     // iterate through child elements of root
166     for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
167         Element element = it.next();
168         if(element.getQualifiedName().equals("cidade")) {
169             txtCidade.setText(element.getText());
170         }
171         if(element.getQualifiedName().equals("bairro")) {
172             txtBairro.setText(element.getText());
173         }
174         if(element.getQualifiedName().equals("uf")) {
175             cboUF.setSelectedItem(element.getText());
176         }
177     }
178 } catch (Exception e) {
179     System.out.println(e);
}
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 10 warnings, 0 others

Description Resource Path Location Type



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java Sobre.java

Buscar CEP src cep Cep buscarCep(): void

```
165 // iterate through child elements of root
166 for (Iterator<Element> it = root.elementIterator(); it.hasNext();) {
167     Element element = it.next();
168     if(element.getName().equals("cidade")) {
169         txtCidade.setText(element.getText());
170     }
171     if(element.getName().equals("bairro")) {
172         txtBairro.setText(element.getText());
173     }
174     if(element.getName().equals("uf")) {
175         cboUF.setSelectedItem(element.getText());
176     }
177 }
178 } catch (Exception e) {
179     System.out.println(e);
180 }
```

Buscar CEP

CEP: 05403000

Buscar

Endereço:

Bairro: Cerqueira César

Cidade: São Paulo

UF: SP

Limpar

The screenshot shows the Eclipse IDE interface with a Java file named Cep.java open in the editor. The code implements a method to iterate through XML elements and update UI components (txtCidade, txtBairro, cboUF) based on the element names ('cidade', 'bairro', 'uf'). A modal dialog titled 'Buscar CEP' is displayed, showing fields for CEP (05403000), Endereço (empty), Bairro (Cerqueira César), Cidade (São Paulo), UF (SP), and a 'Buscar' button. Green arrows point from the UI elements back to the corresponding code in the Java file.

Ao preencher o cep e clicar em buscar os dados são preenchidos

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

*Cep.java X Sobre.java

agenda Buscar CEP JRE System Lib src cep Cep.java Sobre.java img about.pr check.pr github.p home.pr youtube Referenced Lib Atxy2k.jar dom4j-2.1.3 Hello Tomcat Servers

```
171     if(element.getQualifiedName().equals("bairro")) {  
172         txtBairro.setText(element.getText());  
173     }  
174     if(element.getQualifiedName().equals("uf")) {  
175         cboUF.setSelectedItem(element.getText());  
176     }  
177     if(element.getQualifiedName().equals("tipo_logradouro")) {  
178         tipoLogradouro = element.getText();  
179     }  
180     if(element.getQualifiedName().equals("logradouro")) {  
181         logradouro = element.getText();  
182     }  
183     // setar o campo endereço  
184 } catch (Exception e) {  
185 }
```

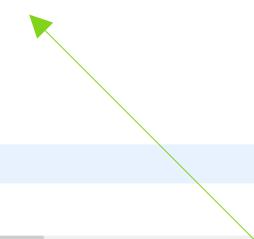
Source Design

Problems X @ Javadoc Declaration

0 errors, 10 warnings, 0 others

Description Resource Path Location Type

Warnings (10 items)



Salve tudo e execute

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

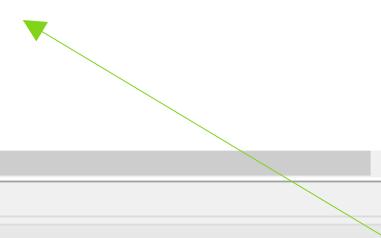
```
175         cboUF.setSelectedItem(element.getText());
176     }
177     if(element.getQualifiedName().equals("tipo_logradouro")) {
178         tipoLogradouro = element.getText();
179     }
180     if(element.getQualifiedName().equals("logradouro")) {
181         logradouro = element.getText();
182     }
183     // setar o campo endereço
184     txtEndereco.setText(tipoLogradouro + " " + logradouro);
185 } catch (Exception e) {
186     System.out.println(e);
187 }
188 }
189 }
190 }
```

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Description	Resource	Path	Location	Type
-------------	----------	------	----------	------



Faça o teste preencha o cep e click em buscar

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

```
175             cboUF.setSelectedItem(element.getText());
176         }
177         if(element.getQualifiedName().equals("tipo_logradouro")) {
178             tipoLogradouro = element.getText();
179         }
180         if(element.getQualifiedName().equals("logradouro")) {
181             logradouro = element.getText();
182         }
183     }
184     // setar o campo endereço
185     txtEndereco.setText(endereco);
186 } catch (Exception e) {
187     System.out.println(e.getMessage());
188 }
189 }
190 }
```

Buscar CEP

CEP: 05403000

Buscar

Endereço: Avenida Doutor Enéas Carvalho de Aguiar

Bairro: Cerqueira César

Cidade: São Paulo

UF: SP

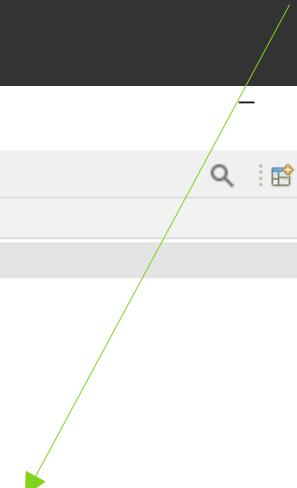
Limpar

Source Design

Problems X @ Javadoc Declaration

0 errors, 8 warnings, 0 others

Salve tudo e execute



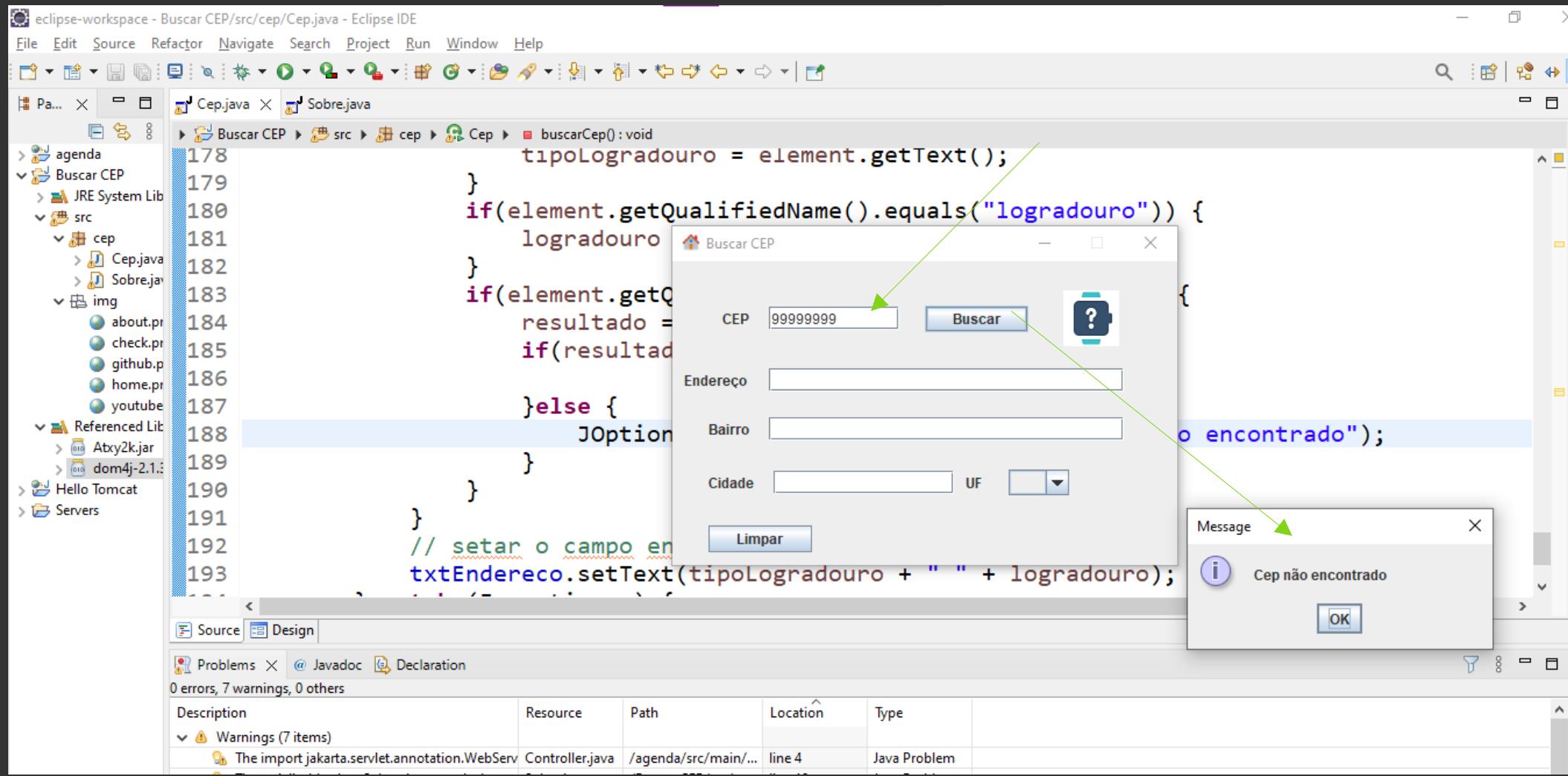
eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

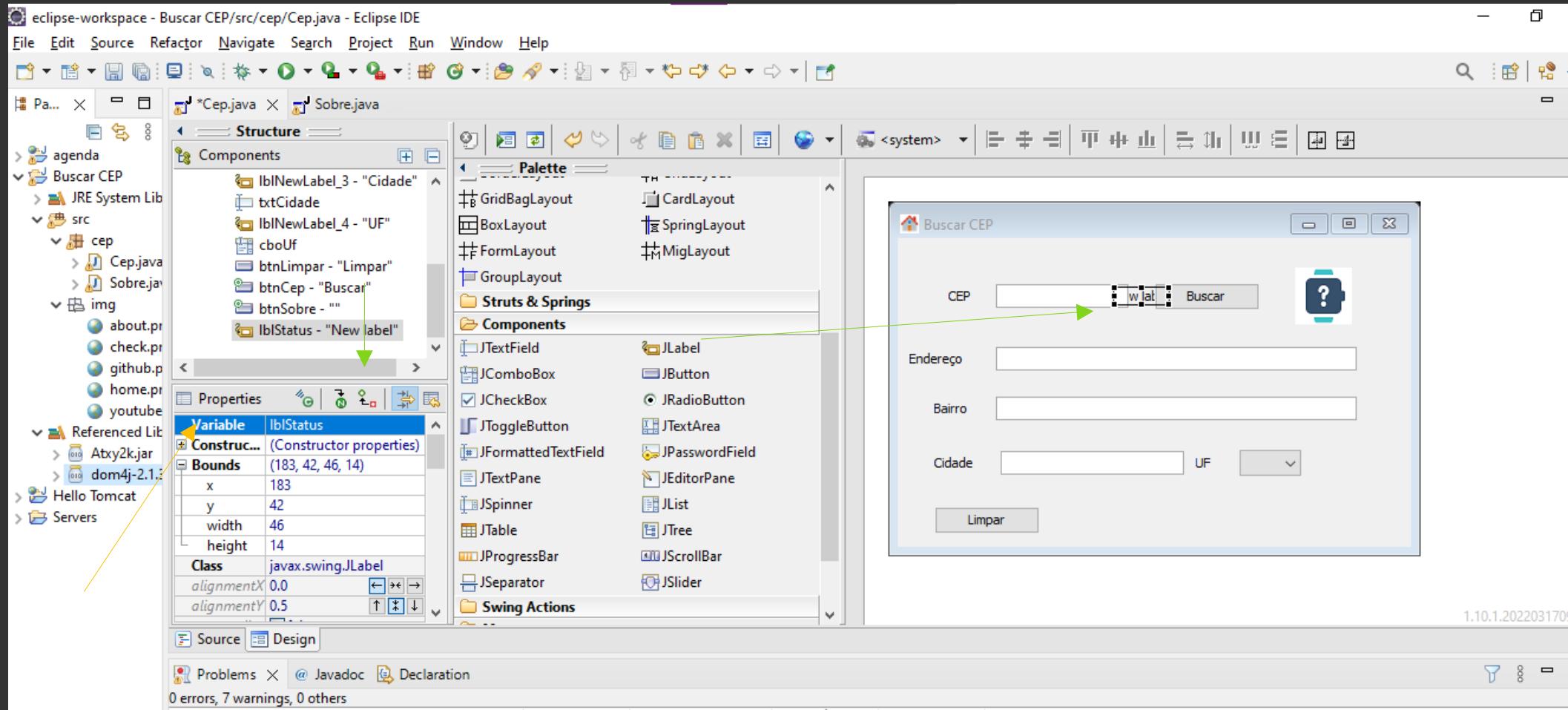
Cep.java X Sobre.java

```
178     tipoLogradouro = element.getText();
179 }
180 if(element.getQualifiedName().equals("logradouro")) {
181     logradouro = element.getText();
182 }
183 if(element.getQualifiedName().equals("resultado")) {
184     resultado = element.getText();
185     if(resultado.equals("1")) {
186
187         } else {
188             JOptionPane.showMessageDialog(null, "Cep não encontrado");
189         }
190     }
191 }
192 // setar o campo endereço
193 txtEndereco.setText(tipoLogradouro + " " + logradouro);
```

Source Design



Arraste um jLabel de um nome e click no ícone



A screenshot of a Java Swing application window. On the left, there is a file list containing: check.pr, github.p, home.pr, youtube, enced Lib, xy2k.jar, and m4j-2.1.. In the center, there is a properties table with the following data:

Variable	Value
+ Construc...	(Constructor properties)
Bounds	(183, 42, 46, 14)
x	183

A green arrow points from the bottom right towards the top right corner of the properties table.

Apague o texto

The screenshot shows two Eclipse IDE windows side-by-side, illustrating how to clear text from component properties.

Left Window (Properties View):

- Shows the properties for a component named "text".
- The "text" property is selected and highlighted in blue.
- A green arrow points from the text field towards the delete key icon (~~)~~ in the toolbar.
- Below the properties table are tabs for "Source" and "Design".

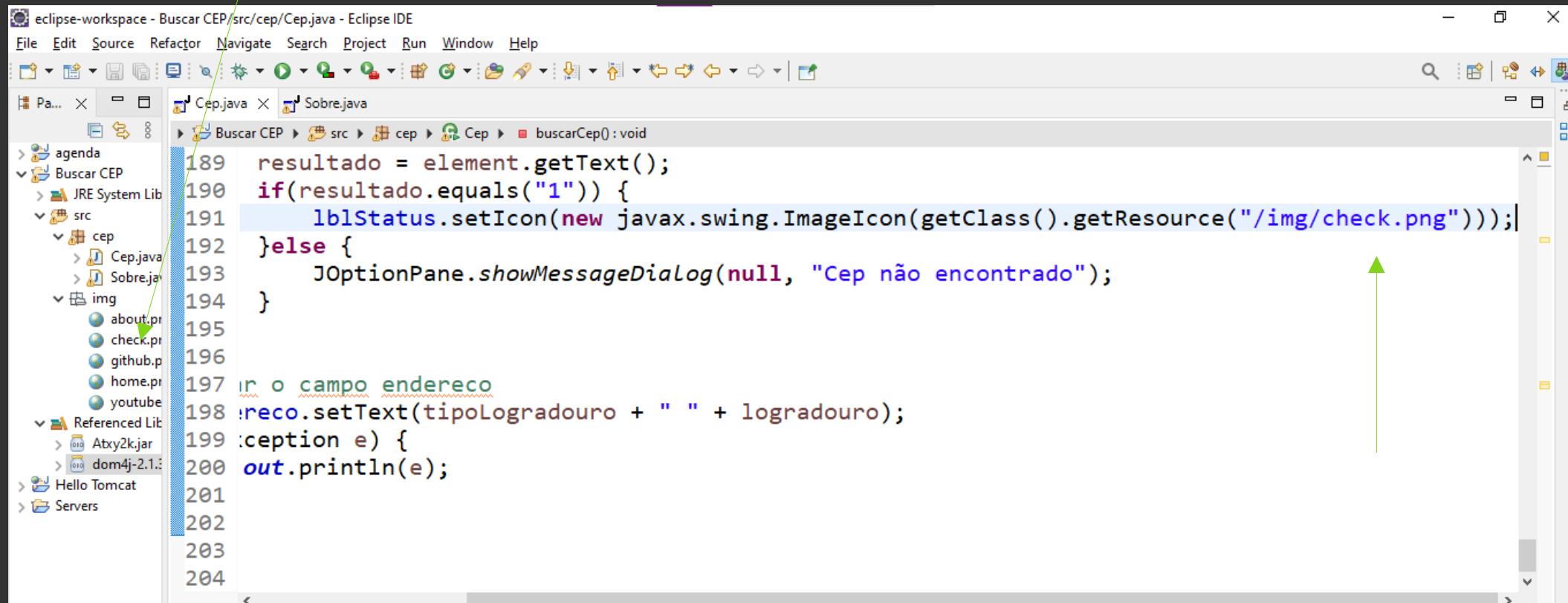
Right Window (Properties View):

- Shows the properties for a component named "lblStatus".
- The "height" property is selected and highlighted in blue.
- Two green arrows point from the right side of the "height" value (20) towards the left, indicating the direction to press the delete key to clear the value.
- Below the properties table are tabs for "Source" and "Design".

Bottom Status Bar:

- Shows "Problems X @ Javadoc Declaration".
- Message: "0 errors, 7 warnings, 0 others".
- Buttons for "Description" and "Resources".

/Img/check.png é o caminho salve tudo e execute



eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java Sobre.java

Buscar CEP > src > cep > Cep > buscarCep(): void

```
189     resultado = element.getText();
190     if(resultado.equals("1")) {
191         lblStatus.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/check.png")));
192     }else {
193         JOptionPane.showMessageDialog(null, "Cep não encontrado");
194     }
195
196
197 ir o campo endereço
198 endereco.setText(tipoLogradouro + " " + logradouro);
199 exception e) {
200     out.println(e);
201
202
203
204
```

Assim que digitarmos um cep sera exibido um ícone

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java

```
149     contentPane.add(btnSobre);  
150  
151     /* uso da biblioteca atx2k para a validacao do campo cep */  
152     RestrictedTextField validar = new Res...  
153  
154     lblStatus = new JLabel("");  
155     lblStatus.setBounds(173, 39, 20, 20);  
156     contentPane.add(lblStatus);  
157     validar.setOnlyNums(true);  
158     validar.setLimit(8);  
159 } // fim do construtor  
160 private void buscarCep() {  
161     String logradouro = "";  
162     String tipoLogradouro = "";  
163     String resultado = null;  
164     String cep = txtCep.getText();
```

Buscar CEP

CEP: 05403000

Buscar

Endereço: Avenida Doutor Enéas Carvalho de Aguiar

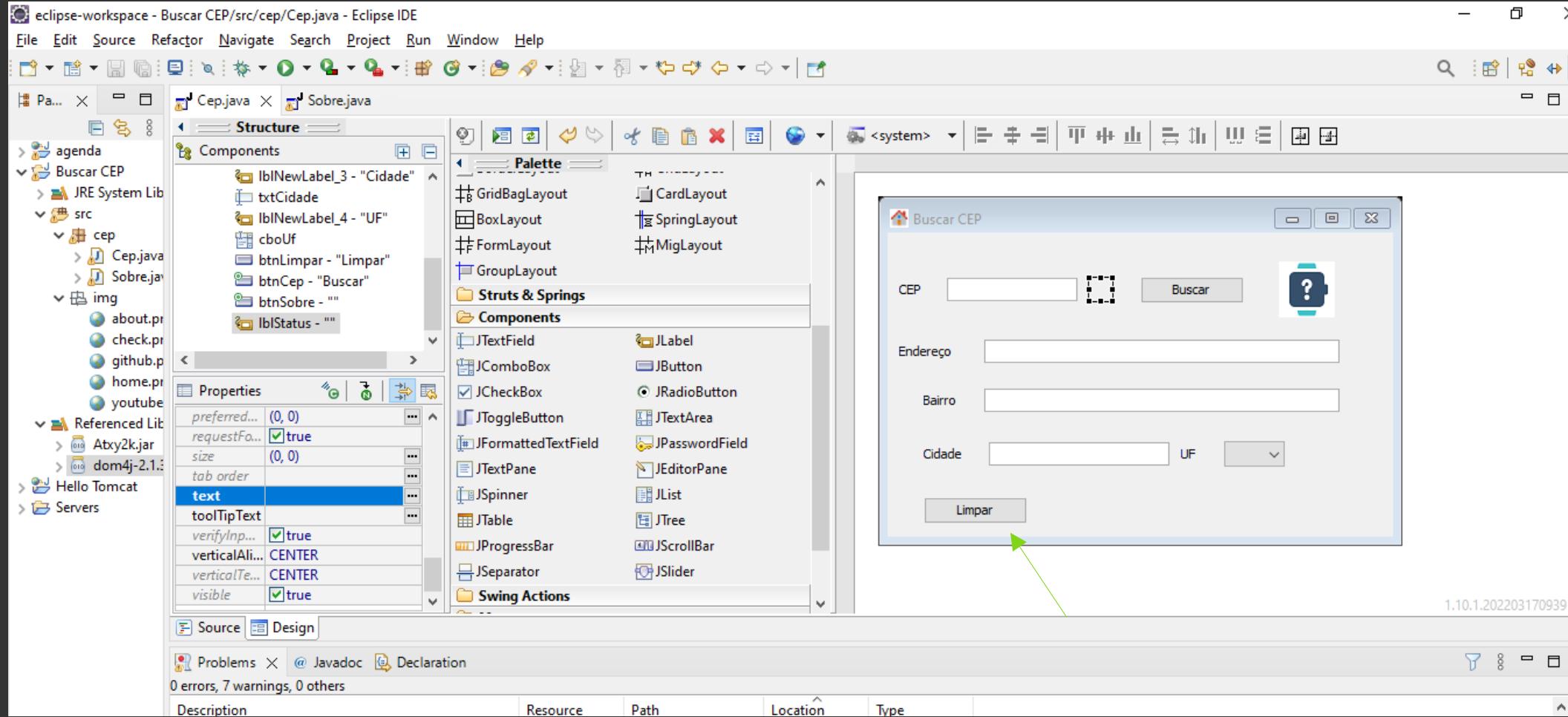
Bairro: Cerqueira César

Cidade: São Paulo UF: SP

Limpar

Source Design

Problems X @ Javadoc Declaration



Click duplo

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

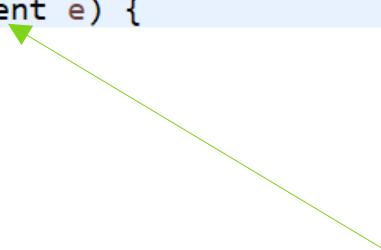
*Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > Cep.java new ActionListener() { ... } actionPerformed(ActionEvent) : void

```
112     new String[] { "", "", "", "AC", "AL", "AP", "AM", "BA", "CE", "DF", "ES", "GO",
113                 "PA", "PB", "PR", "PE", "PI", "RJ", "RN", "RS", "RO", "RR", "SC", "SP", "
114     cboUf.setBounds(289, 179, 52, 22);
115     contentPane.add(cboUf);

117     JButton btnLimpar = new JButton("Limpar");
118     btnLimpar.addActionListener(new ActionListener() {
119         public void actionPerformed(ActionEvent e) {
120             }
121         });
122     btnLimpar.setBounds(31, 227, 89, 23);
123     contentPane.add(btnLimpar);

125     JButton btnCep = new JButton("Buscar");
126     btnCep.addActionListener(new ActionListener() {
127         public void actionPerformed(ActionEvent e) {
```



Source Design

Problems JavaDoc Declaration

Criando o metodo limpar();

The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar has various icons for file operations like Open, Save, Cut, Copy, Paste, Find, and Run.

The left sidebar displays the project structure:

- agenda
- Buscar CEP
- JRE System Lib
- src
 - cep
 - Cep.java
 - Sobre.java
 - img
 - about.pr
 - check.pr
 - github.p
 - home.pr
 - youtube
- Referenced Lib
 - Atxy2k.jar
 - dom4j-2.1.2
- Hello Tomcat
- Servers

The main editor window shows the code for `Cep.java`. The cursor is positioned at line 120, where the method `limpar()` is being defined. The code is as follows:

```
new String[] { "", "", "", "AC", "AL", "AP", "AM", "BA", "CE", "DF", "ES", "GO",  
"PA", "PB", "PR", "PE", "PI", "RJ", "RN", "RS", "RO", "RR", "SC", "SP"  
cboUF.setBounds(289, 179, 52, 22);  
contentPane.add(cboUF);  
  
JButton btnLimpar = new JButton("Limpar");  
btnLimpar.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e) {  
        limpar();  
    }  
});  
btnLimpar.setBounds(31, 227, 89, 23);  
contentPane.add(btnLimpar);  
  
JButton btnCep = new JButton("Buscar");  
btnCep.addActionListener(new ActionListener() {
```

Below the editor, there are tabs for "Source" and "Design".

Salve tudo e execute preencha e depois click em limpar

eclipse-workspace - Buscar CEP/src/cep/Cep.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Cep.java X Sobre.java

Buscar CEP > src > cep > Cep > limpar(): void

```
202         // setar o campo endereço
203         txtEndereco.setText(tipoLogradouro + " " + logradouro);
204     } catch (Exception e) {
205         System.out.println(e);
206     }
207 }
208 private void limpar() {
209     txtCep.setText(null);
210     txtEndereco.setText(null);
211     txtBairro.setText(null);
212     txtCidade.setText(null);
213     cboUF.setSelectedItem(null);
214     txtCep.requestFocus();
215     lblStatus.setIcon(null);
216 }
217 }
```

Source Design

Problems X @ Javadoc Declaration



