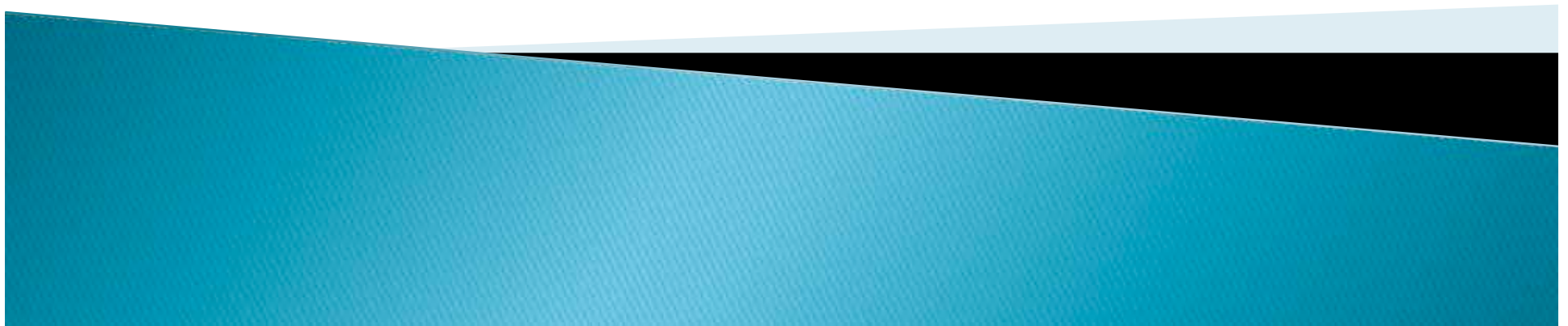


# Criando Aplicações Java nas IDE's Netbeans ou Eclipse

Por Tales Bitelo Viegas



# Introdução

- ▶ Eclipse e Netbeans são IDEs de desenvolvimento
- ▶ Não apenas para Java, mas também para outras linguagens
  - Java
  - C++
  - PHP
  - Ruby
- ▶ <http://www.eclipse.org/downloads>
- ▶ <http://netbeans.org/downloads/>







# Página de Downloads do Eclipse

The screenshot shows the Eclipse Downloads page in a Mozilla Firefox browser. The browser's address bar displays the URL <http://www.eclipse.org/downloads/>. The page features a navigation menu with links to HOME, COMMUNITY, MEMBERSHIP, COMMITTEES, DOWNLOADS, RESOURCES, PROJECTS, and ABOUT US. A sidebar on the left provides links to Downloads Home, Bit Torrents, By project, By topic, Source code, and More Packages. The main content area is titled "Eclipse Downloads" and includes a note about the Java runtime environment (JRE) and the Eclipse Foundation Software User Agreement. It also mentions that Bit Torrents are available for the packages below. A table titled "Eclipse Ganymede Packages - Windows (compare packages)" lists four packages with their respective download links and available operating systems. The packages are: Eclipse IDE for Java EE Developers (163 MB), Eclipse IDE for Java Developers (85 MB), Eclipse IDE for C/C++ Developers (68 MB), and Eclipse Classic 3.4 (151 MB). A sidebar on the right features a "Featured Member" section for Transforming IT Management, a "Popular projects" list, and "Related Links" including Torrents, Donate to Eclipse, Ganymede Home, Europa Home, Keeping up to date Using the Update Manager, and Becoming a mirror site. The bottom of the page includes a "Member Distros" section with links to Pulse and Oracle.

**Eclipse Downloads**

You will need a Java runtime environment (JRE) to use Eclipse (Java 5 JRE recommended). All downloads are provided under the terms and conditions of the Eclipse Foundation Software User Agreement unless otherwise specified.



Bit Torrents are available for the packages below.

Eclipse Ganymede Packages - Windows (compare packages)		Downloads Available:
 <b>Eclipse IDE for Java EE Developers (163 MB)</b> Tools for Java developers creating JEE and Web applications, including a Java IDE, tools for JEE and JSF, Mylyn and others. <a href="#">More...</a>		Windows Mac OS X Linux 32bit Linux 64bit
 <b>Eclipse IDE for Java Developers (85 MB)</b> The essential tools for any Java developer, including a Java IDE, a CVS client, XML Editor and Mylyn. <a href="#">More...</a>		Windows Mac OS X Linux 32bit Linux 64bit
 <b>Eclipse IDE for C/C++ Developers (68 MB)</b> An IDE for C/C++ developers with Mylyn integration. <a href="#">More...</a>		Windows Mac OS X Linux 32bit Linux 64bit
 <b>Eclipse Classic 3.4 (151 MB)</b> The classic Eclipse download: the Eclipse Platform, Java Development Tools, and Plug-in Development Environment, including source and both user and programmer documentation. Note: For other downloads see the Eclipse Project download page. <a href="#">More...</a> <a href="#">Release notes</a>   <a href="#">Other downloads</a>   <a href="#">Documentation</a>		Windows Mac OS X Linux 32bit Linux 64bit

[More Eclipse Packages...](#)  
[Modeling...](#) [RCP...](#) [Reporting...](#)

**Problems extracting the ZIP file?** Please read these [Known Issues](#).

**Member Distros**

-  **Pulse** Download Eclipse Ganymede fast with optimized mirrors. Manage plugins and configurations for free.
-  **Oracle** Bandwidth by Akamai. Eclipse Ganymede and 3.x distributions by the foundation. Free products and downloads of #1 Commercial Eclipse tool by Oracle.

# Página de Downloads do Netbeans

Download o NetBeans IDE 6.8

Endereço de email (opcional):

Inscriver-se na newsletter: ☒ Mensal ☐ Semanal

☒ Permito-me contactar neste email

Idioma do IDE: **Português (Brasil)** Plataforma: **Windows 2000/XP/Vista**

**Distribuições para baixar do NetBeans IDE:**

Tecnologias suportadas *	Java SE	JavaFX	Java	Ruby	C/C++	PHP	Tudo
Java SE	•	•	•				•
JavaFX		•					•
Java Web e EE			•				•
Java ME			•				•
Ruby				•			•
C/C++					•		•
Groovy			•				•
PHP						•	•
Servidores embutidos							
Sun GlassFish Enterprise Server v3			•	•			•
Apache Tomcat 6.0.20			•				•

Download Download Download Download Download Download Download

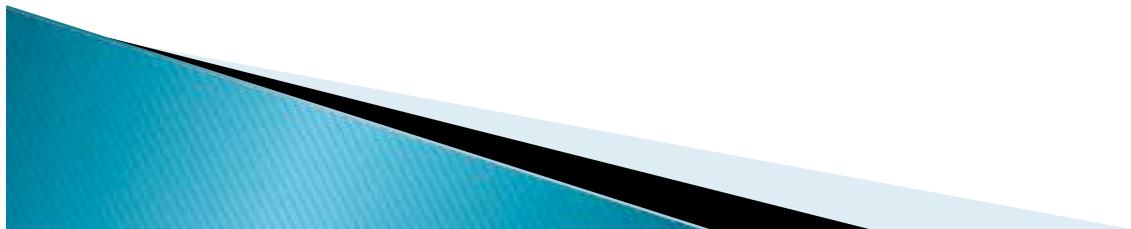
48 MB livre(s) 94 MB livre(s) 216 MB livre(s) 92 MB livre(s) 30 MB livre(s) 25 MB livre(s) 288 MB livre(s)

\* Você pode adicionar ou remover pacotes depois utilizando o Gerenciador de Plugins do IDE (Ferramentas | Plugins).

**Important Legal Information:**

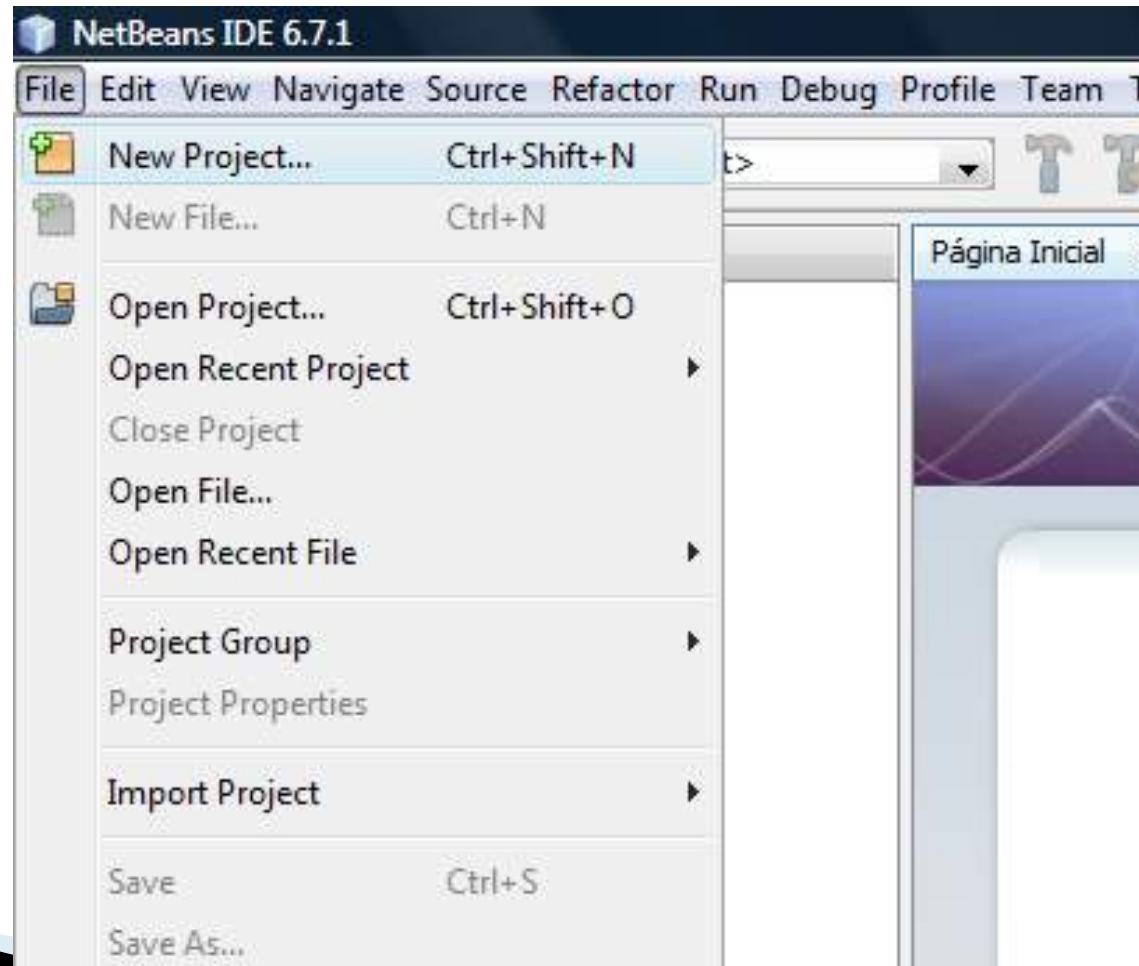
# Netbeans – Instalação

- ▶ Após o Download do Eclipse, basta executar o instalador baixado e seguir as instruções do Wizard de instalação



# Netbeans – Criando um projeto Java

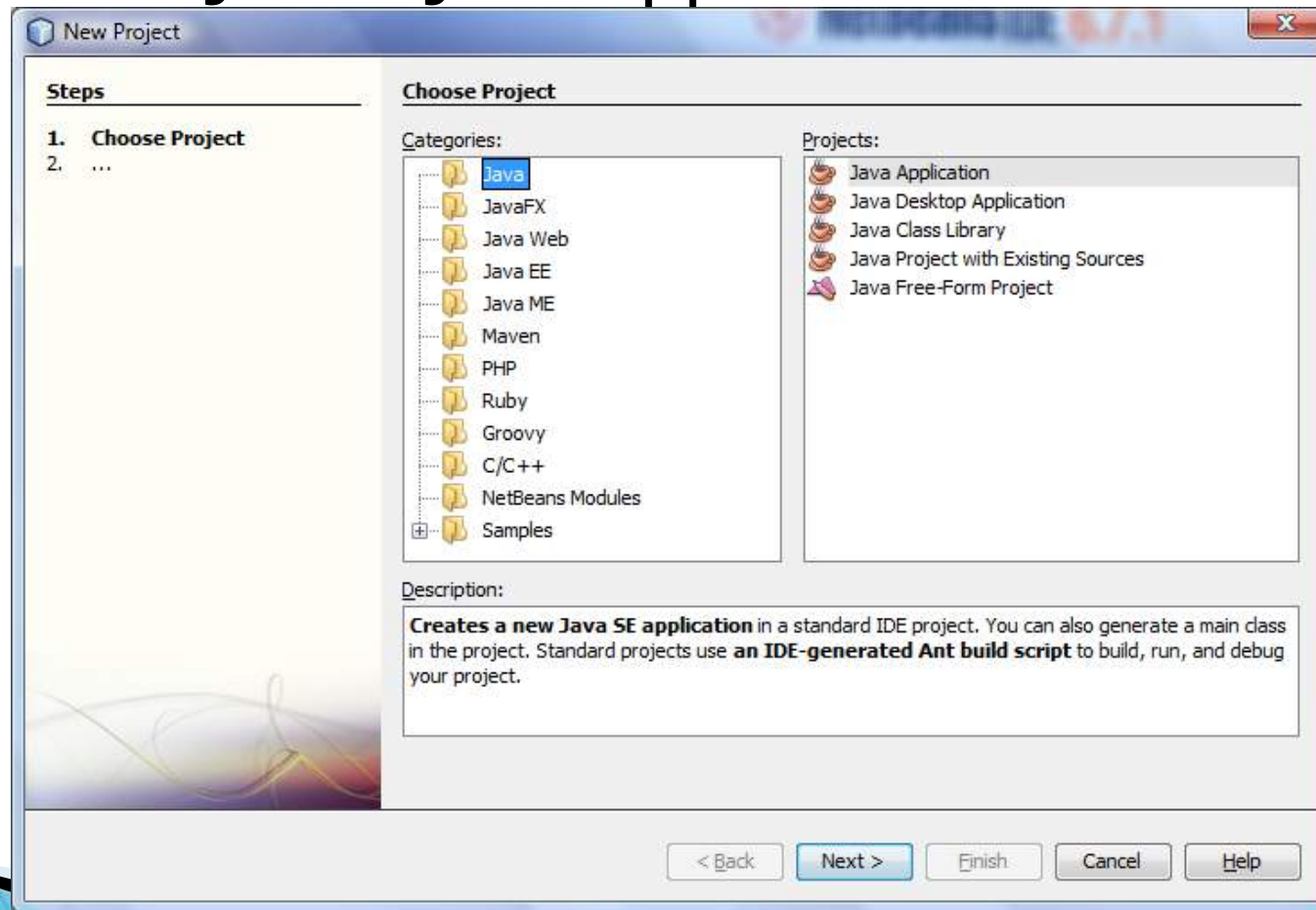
- ▶ Através do menu File/New Project





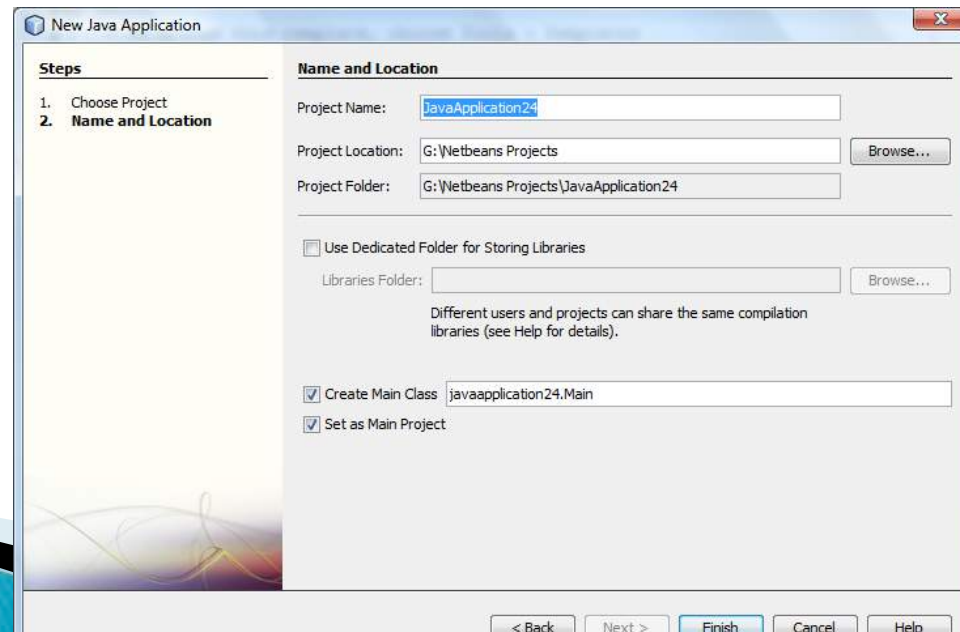
# Netbeans – Criando um projeto Java

- ▶ Escolher Java e Java Application



# Netbeans – Criando um projeto Java

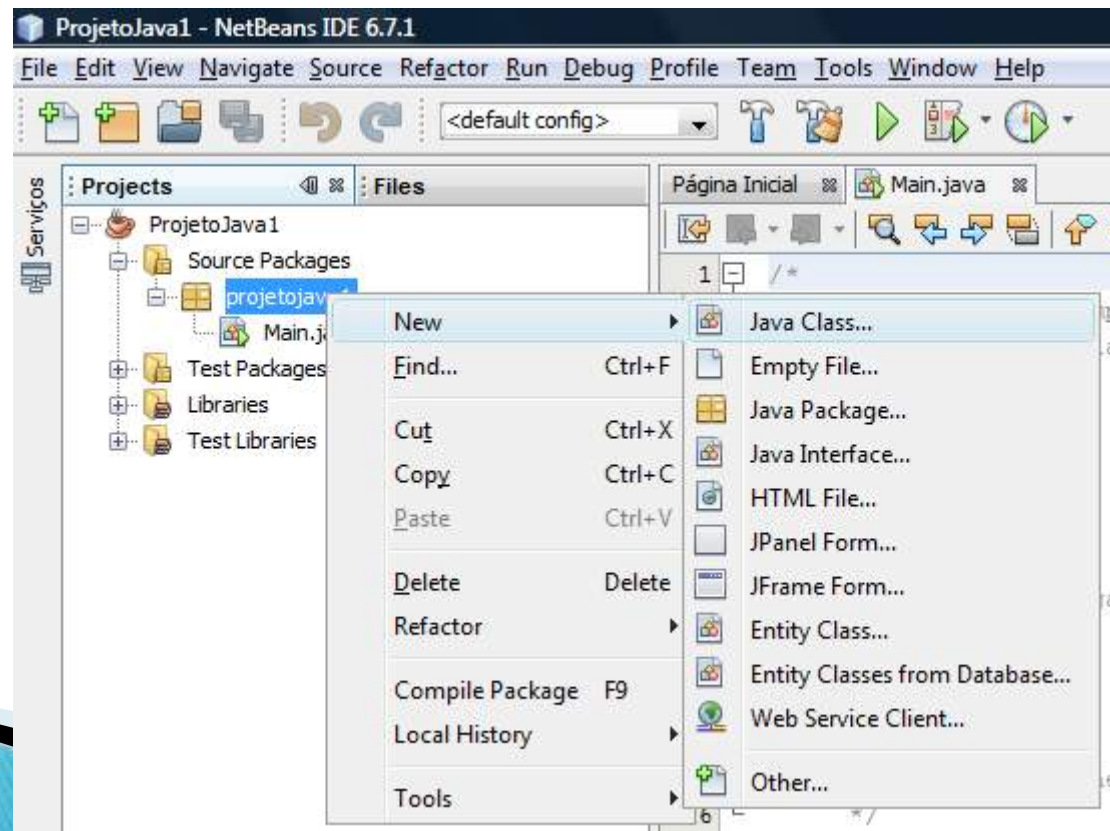
- ▶ Escolher um nome para o Projeto
- ▶ Será criado um diretório com o nome escolhido na pasta informada na caixa “Project Location”
- ▶ Manter as opções–padrão e clicar em Finish





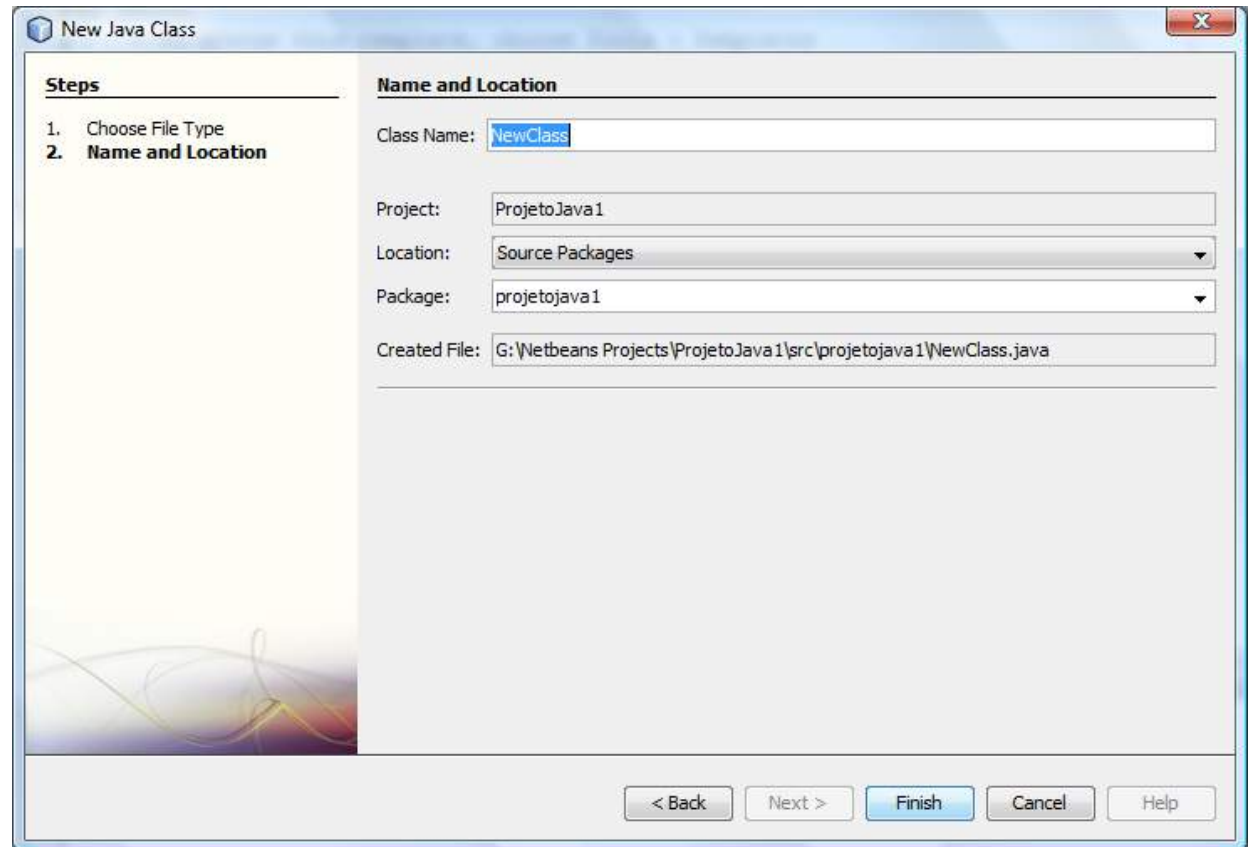
# Netbeans – Criando Classes

- ▶ Clique com o botão direito no nome do pacote
- ▶ Escolha New/Java Class



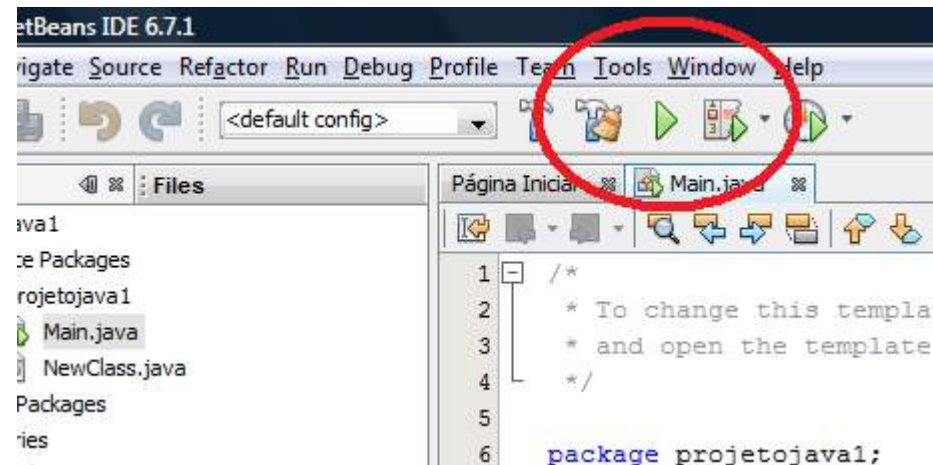
# Netbeans – Criando Classes

- ▶ Wizard para criação de classes
- ▶ Escolha do nome da classe
- ▶ Métodos-padrão



# Netbeans – Executando

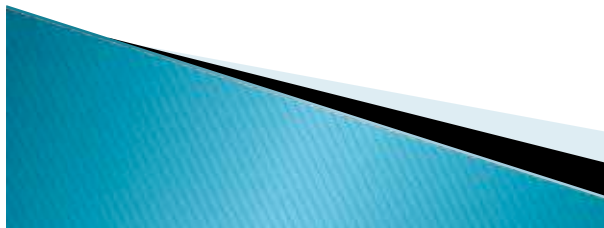
- ▶ Para executar uma classe, basta clicar com o botão Run ou clicar F6
- ▶ O resultado será exibido na aba Output



```
12 public class Main {  
13  
14     /**  
15      * @param args the command line argument  
16      */  
17     public static void main(String[] args) {  
18         // TODO code application logic here  
19     }  
20  
21 }  
22
```

Output - ProjetoJava1 (run)

```
run:  
BUILD SUCCESSFUL (total time: 0 seconds)
```



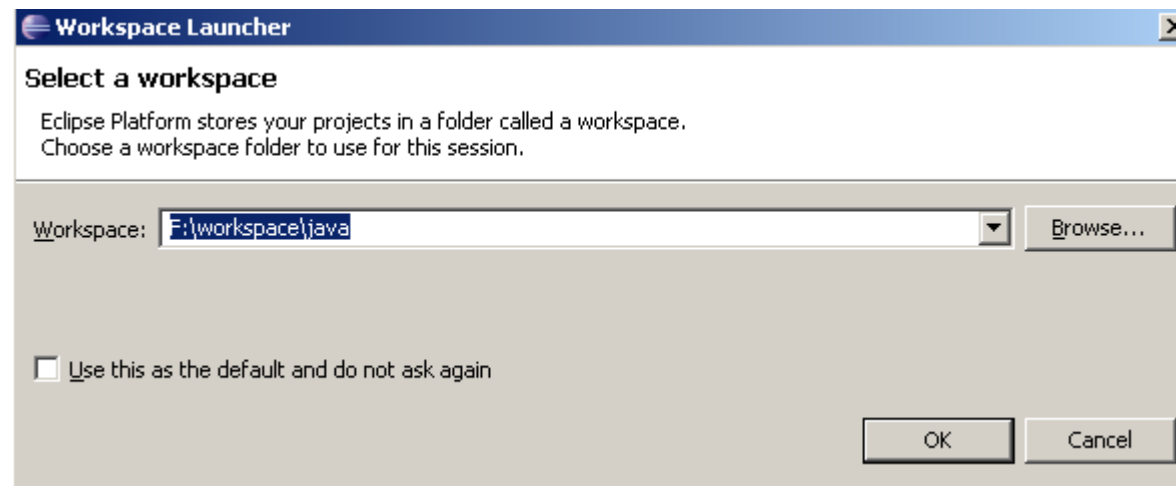
# Eclipse – Instalação

- ▶ Após o download do Eclipse, basta descompactá-lo em uma pasta qualquer do seu sistema de arquivos
- ▶ Vantagem:
  - Pode ser instalado em um pen-drive e, assim, você terá seu IDE instalado (incluindo suas personalizações) em qualquer computador



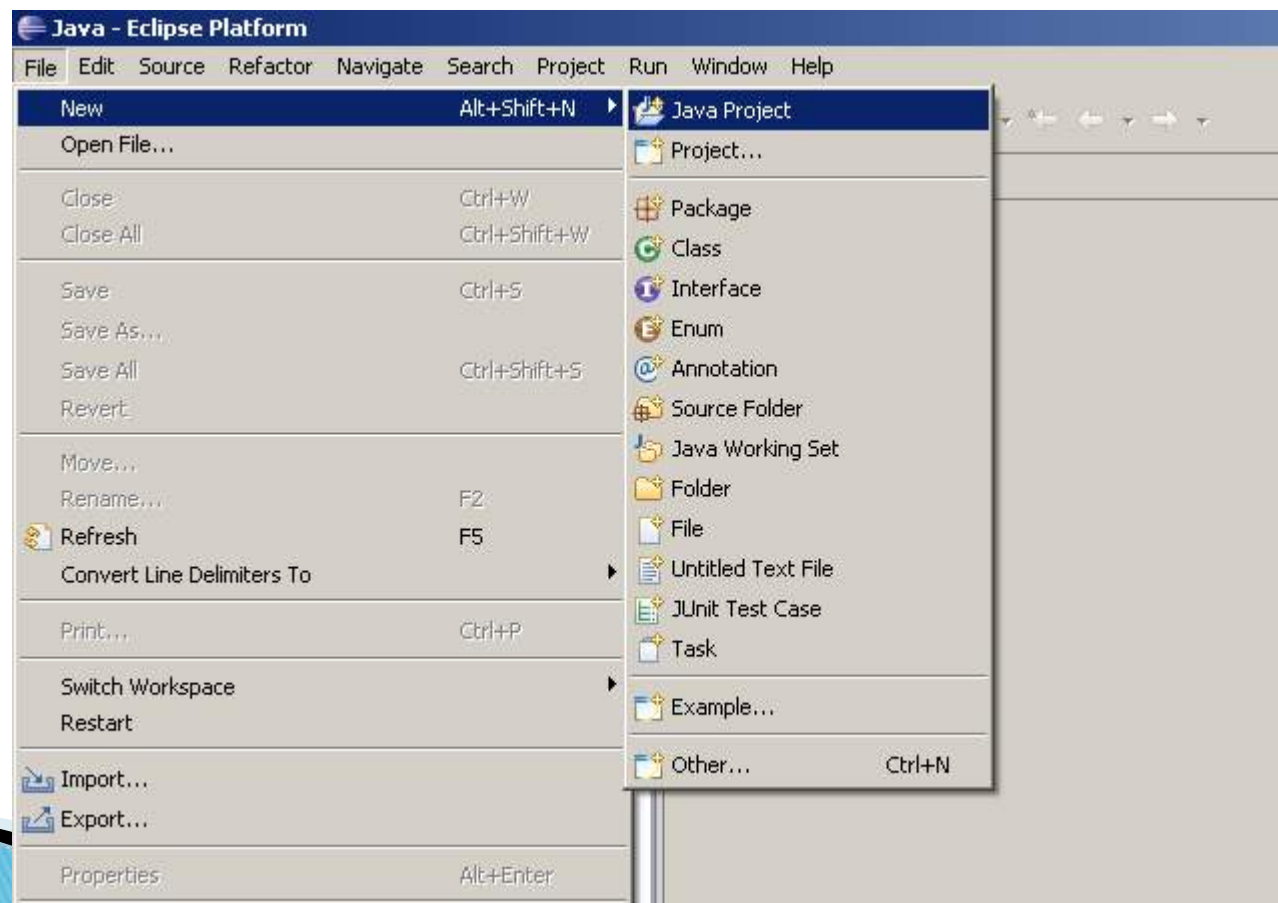
# Eclipse – Workspace

- ▶ Diretório onde os seus projetos serão criados
- ▶ Após a escolha, o Eclipse é reiniciado
- ▶ Pode ser alterado através do menu File/  
Switch Workspace



# Eclipse – Criando um Projeto Java

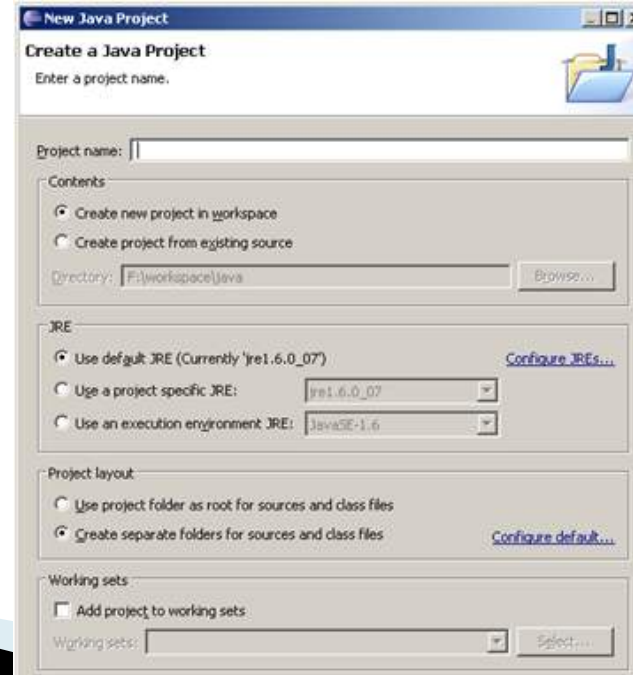
- ▶ Através do menu File/New/Java Project





# Eclipse – Criando um Projeto Java

- ▶ Escolher um nome para o Projeto
- ▶ Será criado um diretório com o nome escolhido
- ▶ Manter as opções–padrão e clicar em Finish



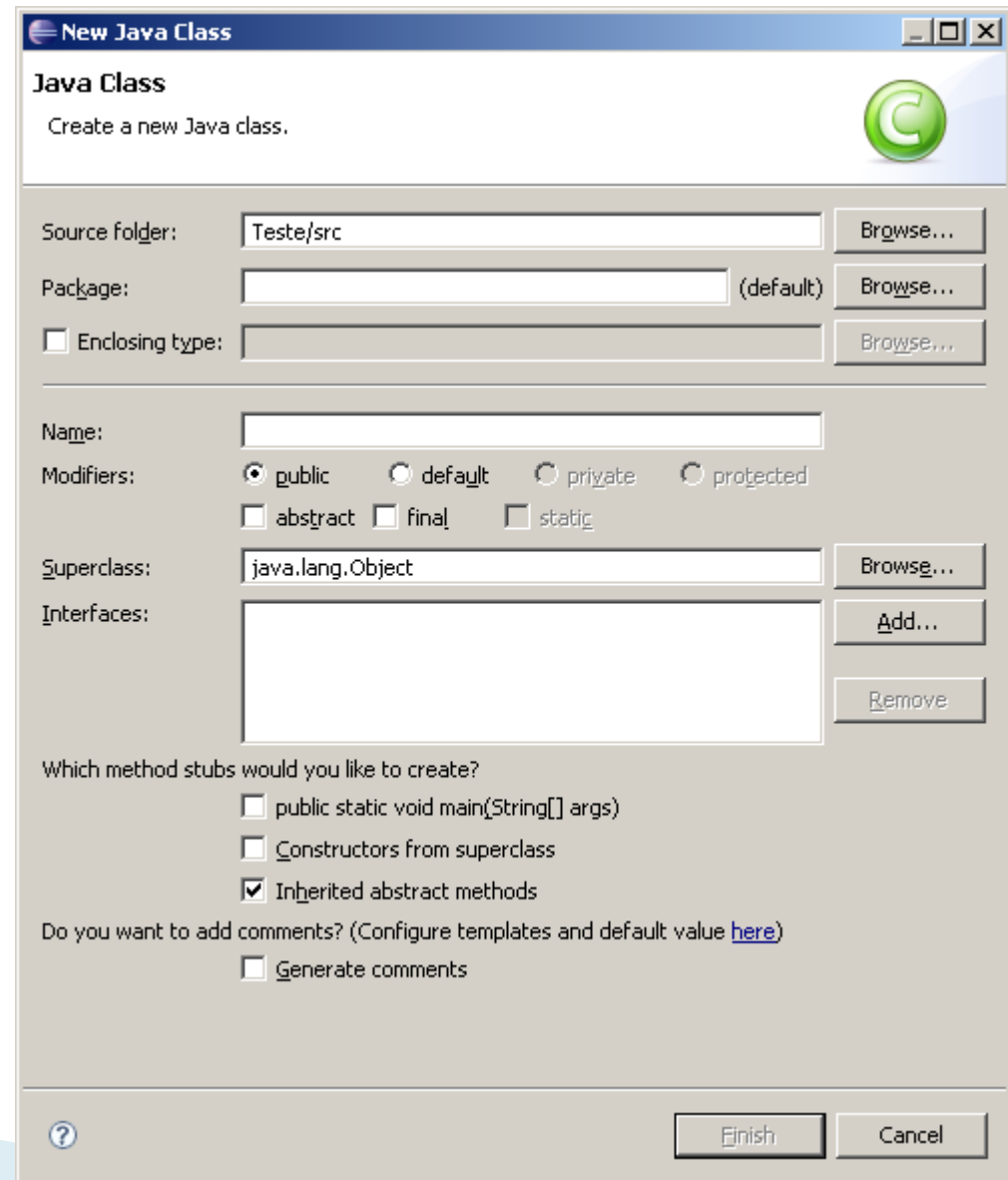
# Eclipse – Criando Classes

- ▶ Clique com o botão direito no nome do projeto
- ▶ Escolha New/Class



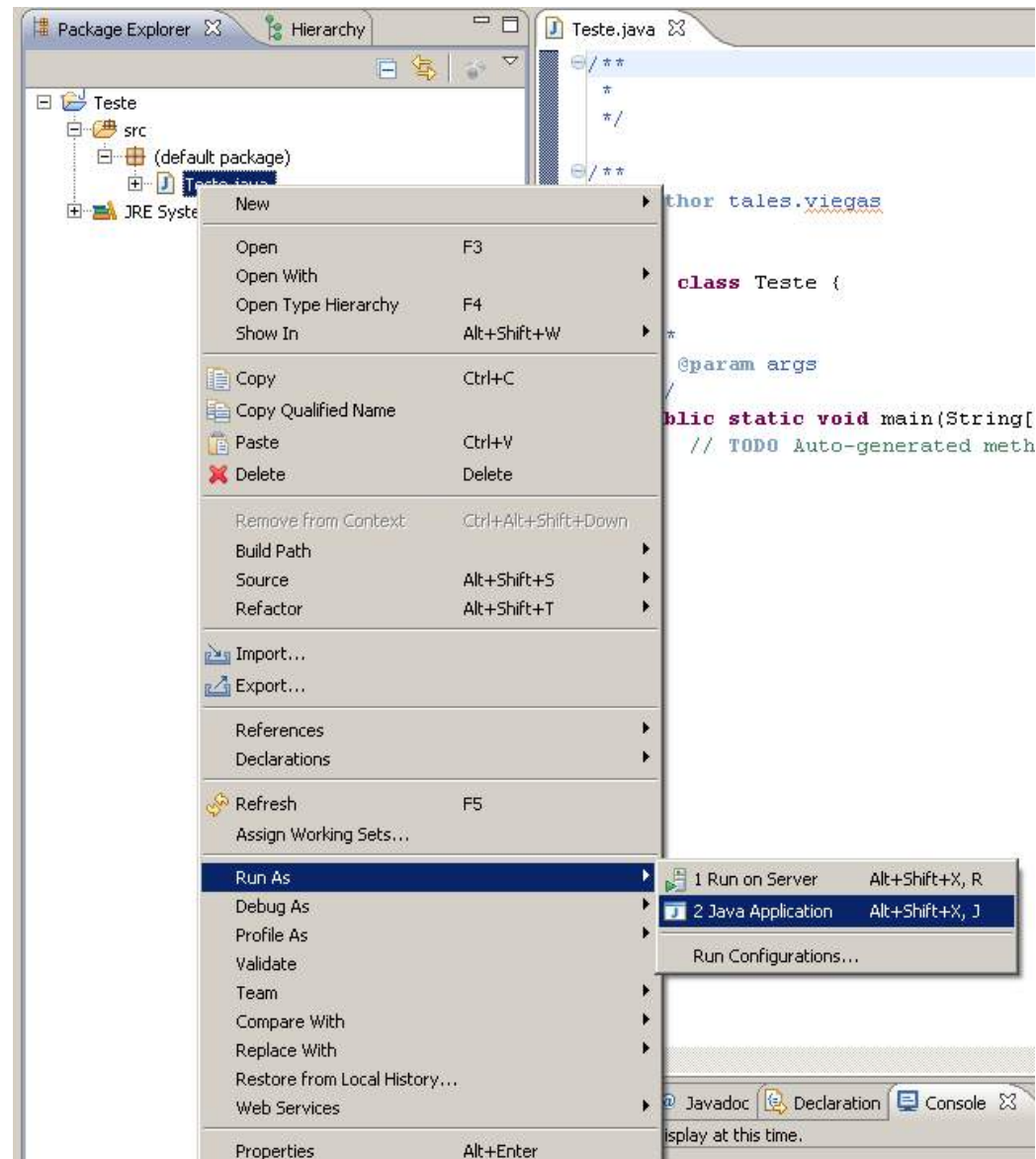
# Eclipse – Criando Classes

- ▶ Wizard para criação de classes
- ▶ Escolha do nome da classe
- ▶ Métodos–padrão



# Eclipse – Executando

- ▶ Para executar uma classe, basta clicar com o botão direito no nome da classe e escolher Run As/Java Application
- ▶ O resultado será exibido na aba Console



# Para saber mais

- ▶ <http://netbeans.org/kb/index.html>
- ▶ <http://www.eclipse.org/documentation/>

