

---

# A IDE Eclipse

---



---

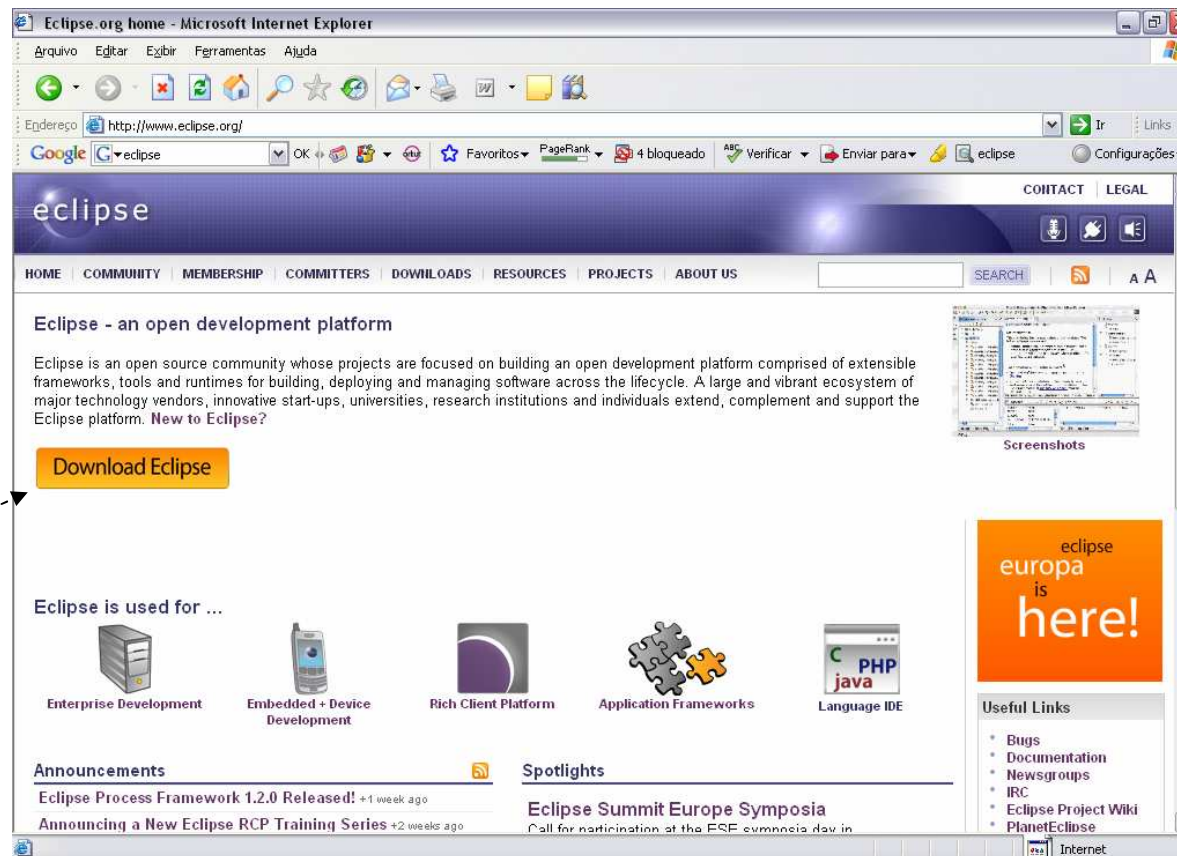
# Sumário

- Home Page;
- Download;
- Instalando a IDE Eclipse;
- Criando um Projeto;
- Executando um Projeto;
- Ajuda da IDE Eclipse;
- Outras IDEs;
- Bibliografia

# Home Page

- [www.eclipse.org](http://www.eclipse.org)

Download



# Download

- A seção de Download do site

IDE para Java

IDE para C/C++

**Eclipse Downloads**

To download Eclipse, select a package below or choose one of the third party Eclipse distros. **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.

**Eclipse Packages**

Package	Size	OS
Eclipse IDE for Java Developers	78 MB	Windows, Linux, Mac OSX
Eclipse IDE for Java EE Developers	125 MB	Windows, Linux, Mac OSX
Eclipse IDE for C/C++ Developers	62 MB	Windows, Linux, Mac OSX
Eclipse for RCP/Plug-in Developers	153 MB	Windows, Linux, Mac OSX
Eclipse Classic	140 MB	Windows, Linux

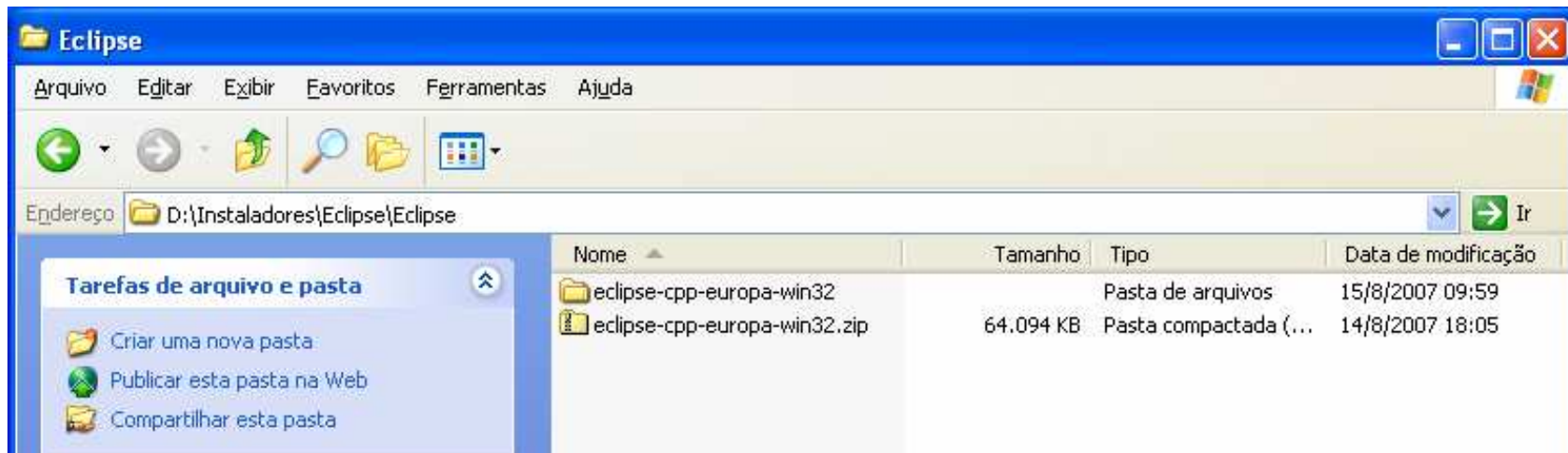
**Popular projects**

- Web Tools
- C/C++ Development Tools (CDT)
- Eclipse Modeling Framework (MDT)
- Eclipse Modeling Framework (EMF)
- Standard Widget Toolkit (SWT)
- Business Intelligence and Reporting (BIRT)

IDE Clássica

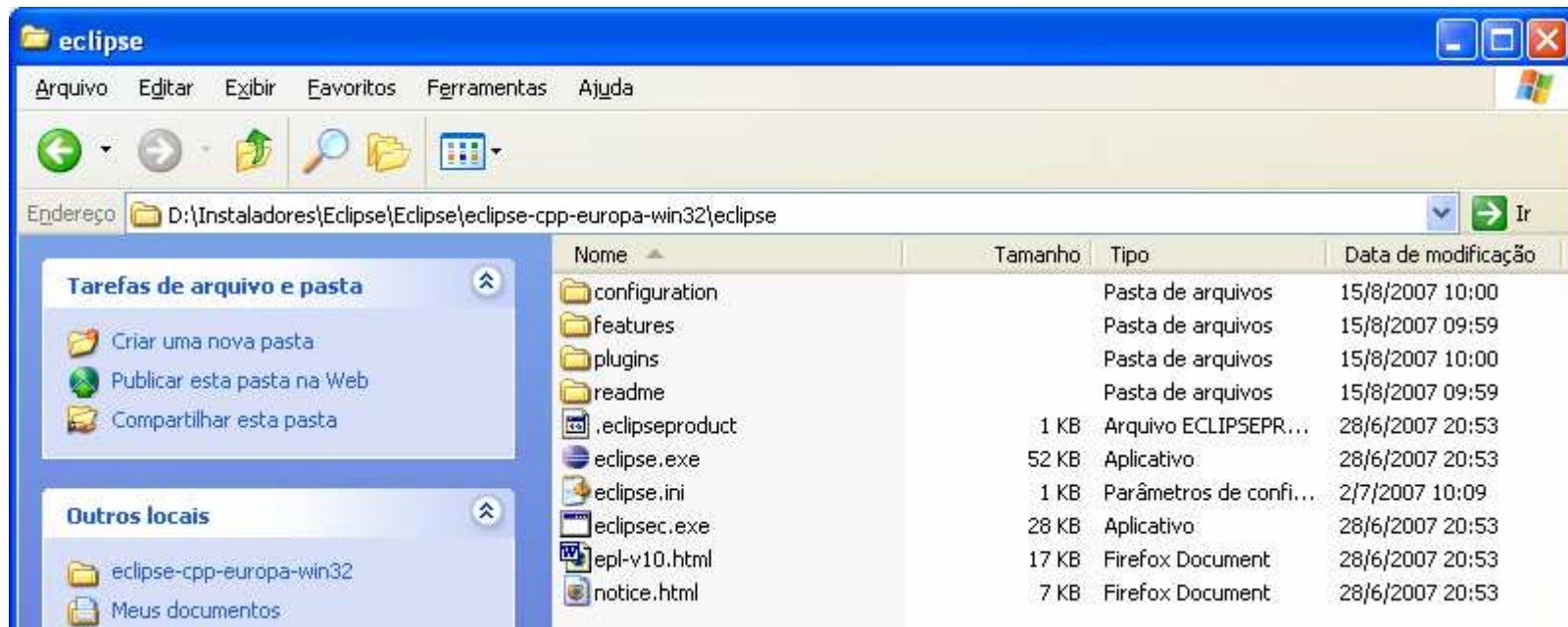
# Instalando a IDE Eclipse

- Após fazer o download do arquivo, eclipse-cpp-europa-win32.zip por exemplo, basta descompactá-lo e...



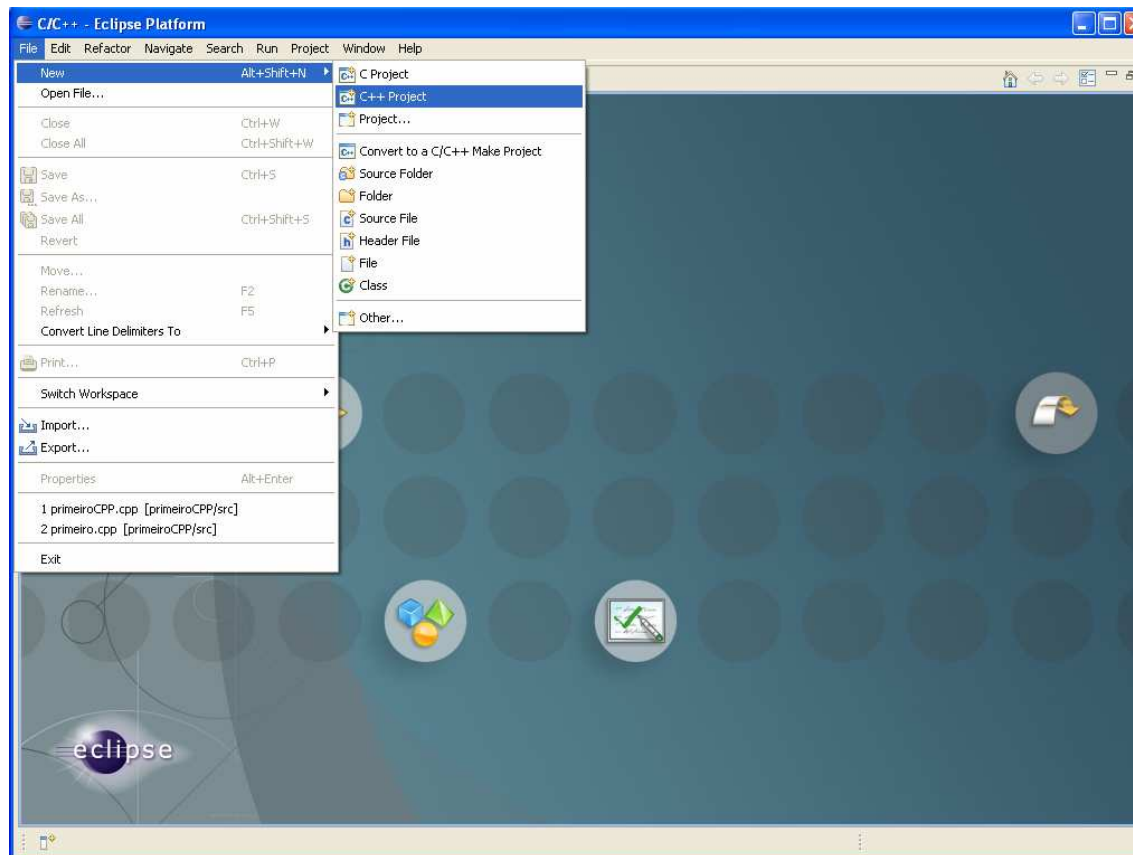
# Instalando a IDE Eclipse

- ... e executar o arquivo eclipse.exe



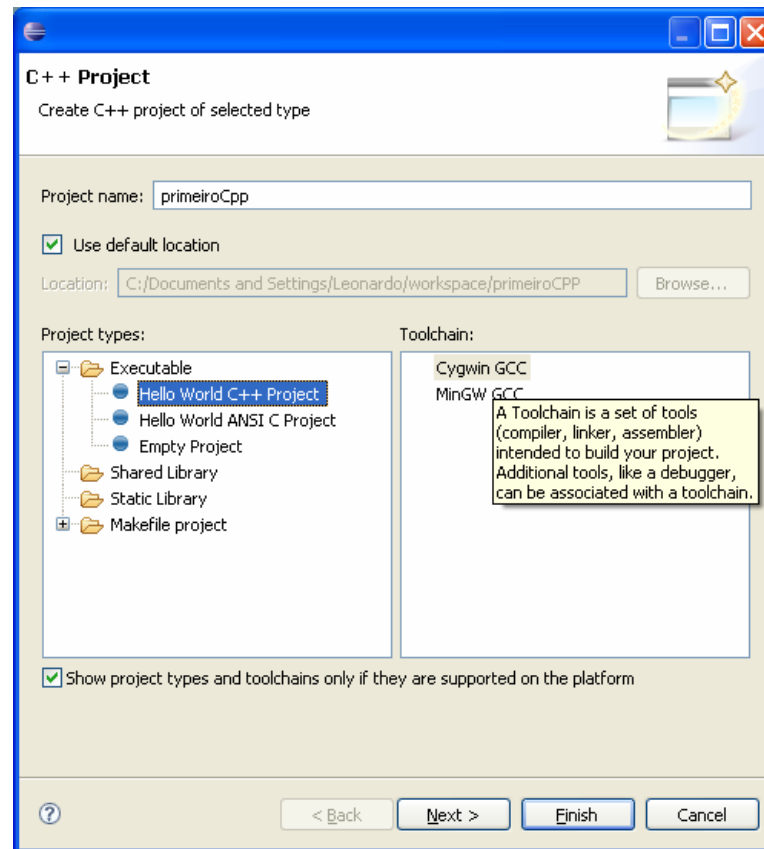
# Criando um Projeto

- Ao clicar em File -> New teremos a opção de projeto C++



# Criando um Projeto

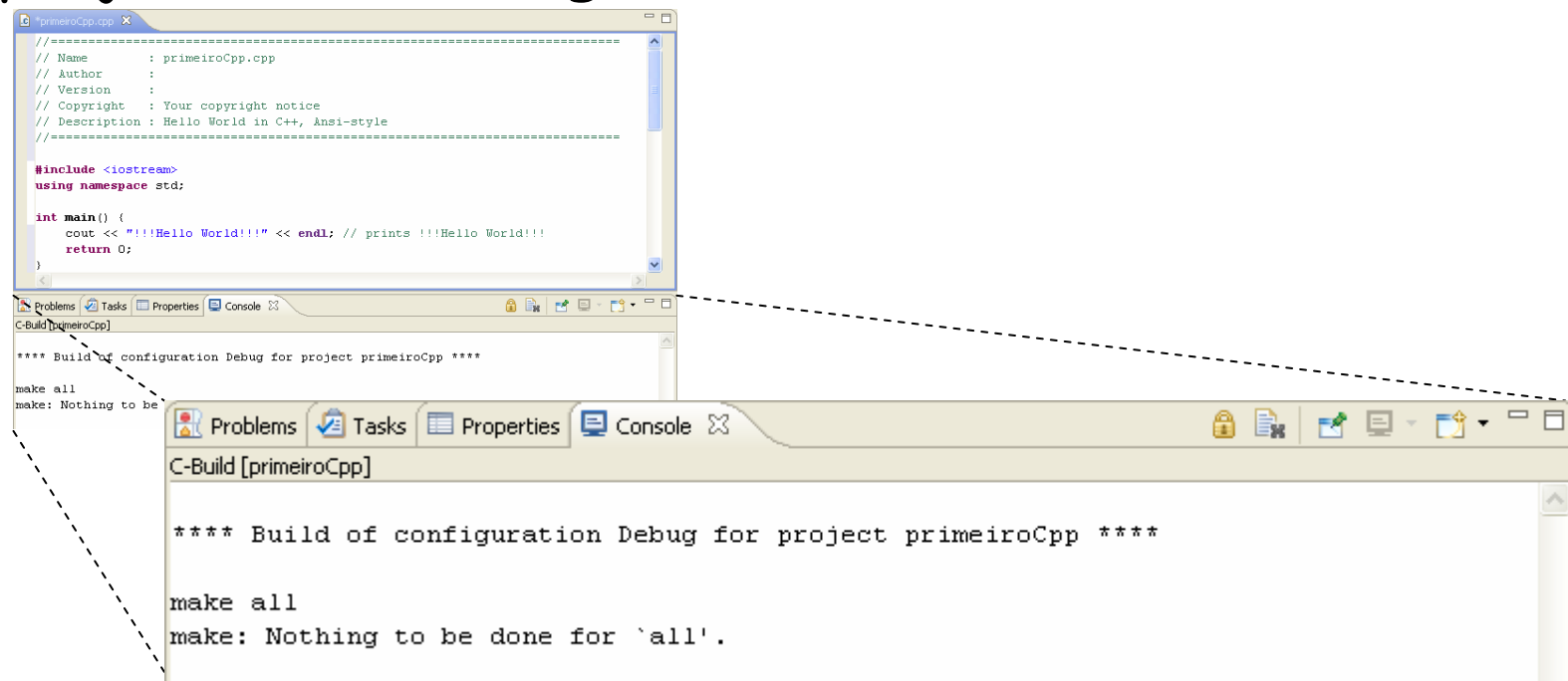
- Definição do nome e do tipo de arquivo a ser criado:





# Executando um Projeto

- Para compilar o código basta apertar as teclas de atalho **Ctrl + B** ou clicar com o botão direito no projeto **Build Configurations -> Build -> All**



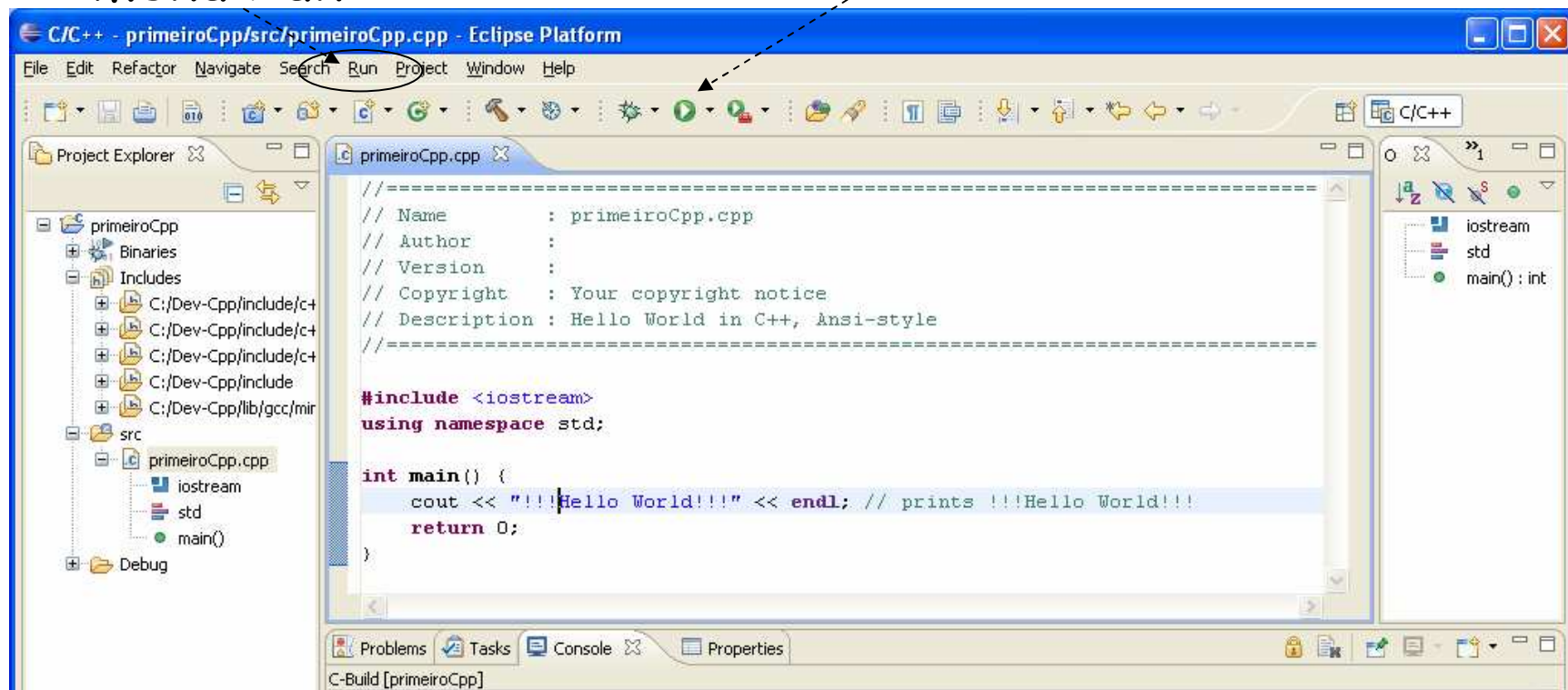
The image shows a screenshot of a C++ IDE. The top window displays the source code for a file named "primeiroCpp.cpp". The code includes a header with project metadata and a main function that prints "!!!Hello World!!!". Below the code editor, the console window shows the output of a build command. The output indicates that the build configuration is "Debug" for the project "primeiroCpp" and that the command "make all" was executed, resulting in "make: Nothing to be done for 'all'.".

```
//-----  
// Name      : primeiroCpp.cpp  
// Author    :  
// Version   :  
// Copyright : Your copyright notice  
// Description: Hello World in C++, Ansi-style  
//-----  
  
#include <iostream>  
using namespace std;  
  
int main() {  
    cout << "!!!Hello World!!!" << endl; // prints !!!Hello World!!!  
    return 0;  
}
```

```
**** Build of configuration Debug for project primeiroCpp ****  
make all  
make: Nothing to be done for 'all'.
```

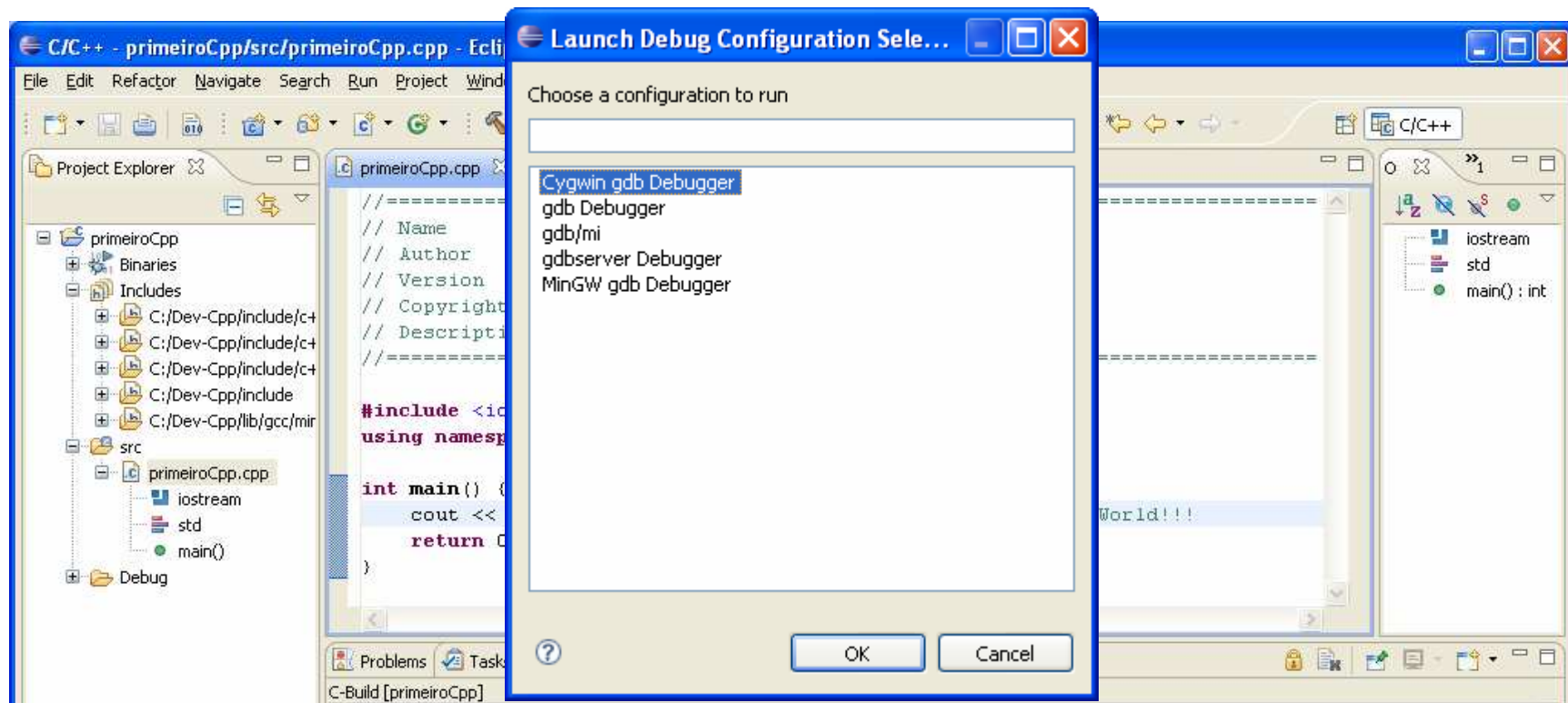
# Executando um Projeto

- Para executar basta clicar no botão ou ir no menu Run:



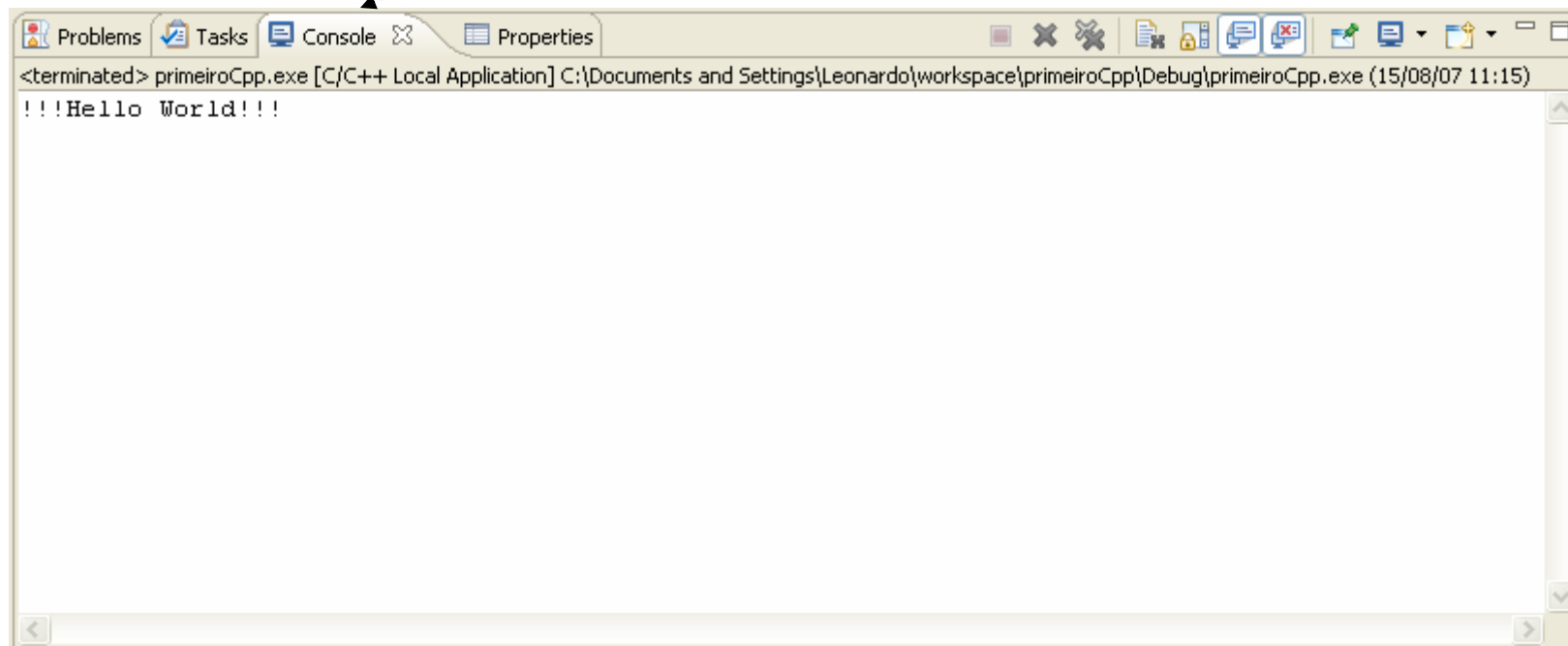
# Executando um Projeto

- Escolha a configuração de Debug e...



# Executando um Projeto

- ... e analise a saída no console (painel):

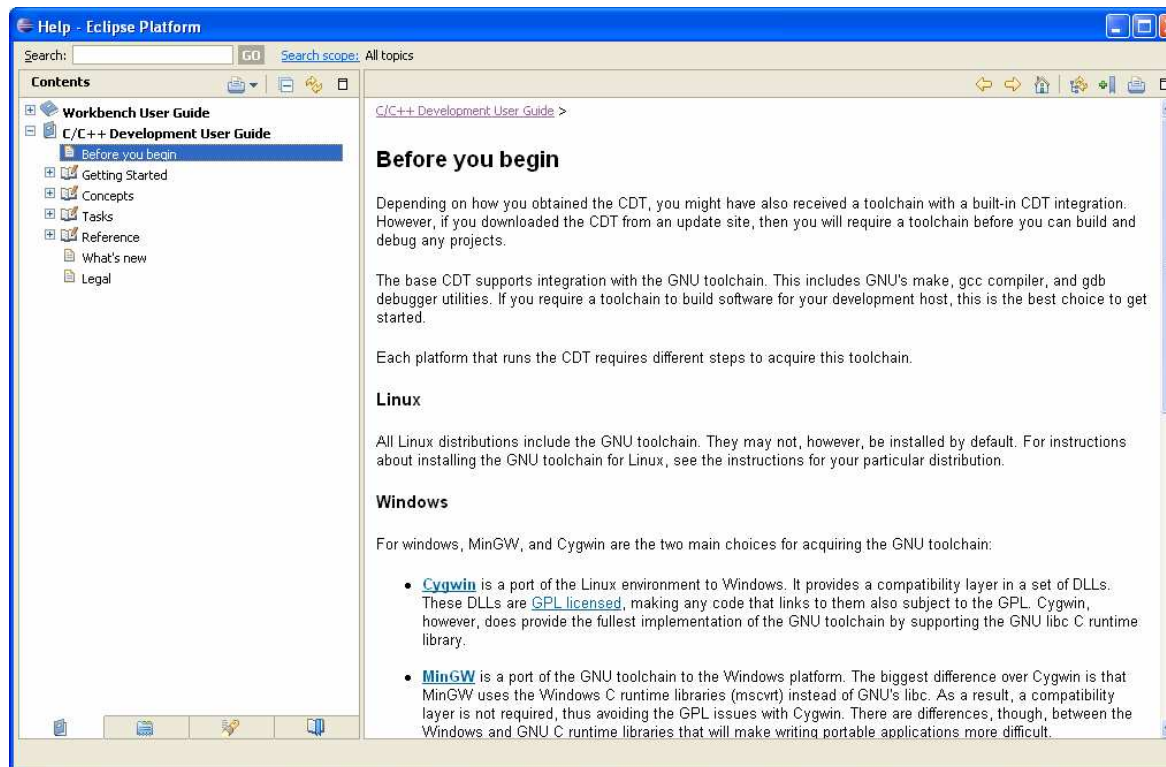


The screenshot shows the Visual Studio IDE's console window. The title bar includes tabs for 'Problems', 'Tasks', 'Console', and 'Properties'. The console text reads: '<terminated> primeiroCpp.exe [C/C++ Local Application] C:\Documents and Settings\Leonardo\workspace\primeiroCpp\Debug\primeiroCpp.exe (15/08/07 11:15)' followed by '!!!Hello World!!!'. A dashed arrow points from the text in the list above to the 'Console' tab in the IDE.

```
<terminated> primeiroCpp.exe [C/C++ Local Application] C:\Documents and Settings\Leonardo\workspace\primeiroCpp\Debug\primeiroCpp.exe (15/08/07 11:15)
!!!Hello World!!!
```

# Ajuda da IDE Eclipse

- No menu Help -> Help Contents o Eclipse guarda tópicos de ajuda da plataforma



---

# Outras IDEs

- Visual C++ da Microsoft com licença gratuita;
- Netbeans e seu novo módulo para C++ e UML;
- Borland C++ da Borland que disponibiliza versões gratuitas;
- Dev C++ e diversos IDEs com recursos simplificados;

---

# Bibliografia

- [www.eclipse.org](http://www.eclipse.org)
- [www.google.com](http://www.google.com)
- Help da IDE Eclipse