

INFORMÁTICA INDUSTRIAL

PROGRAMACIÓN BÁSICA C++

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14. Entorno de programación

Descarga de QT Creator

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Recommended download: Qt Online Installer for Windows

Before you begin your download, please make sure you:

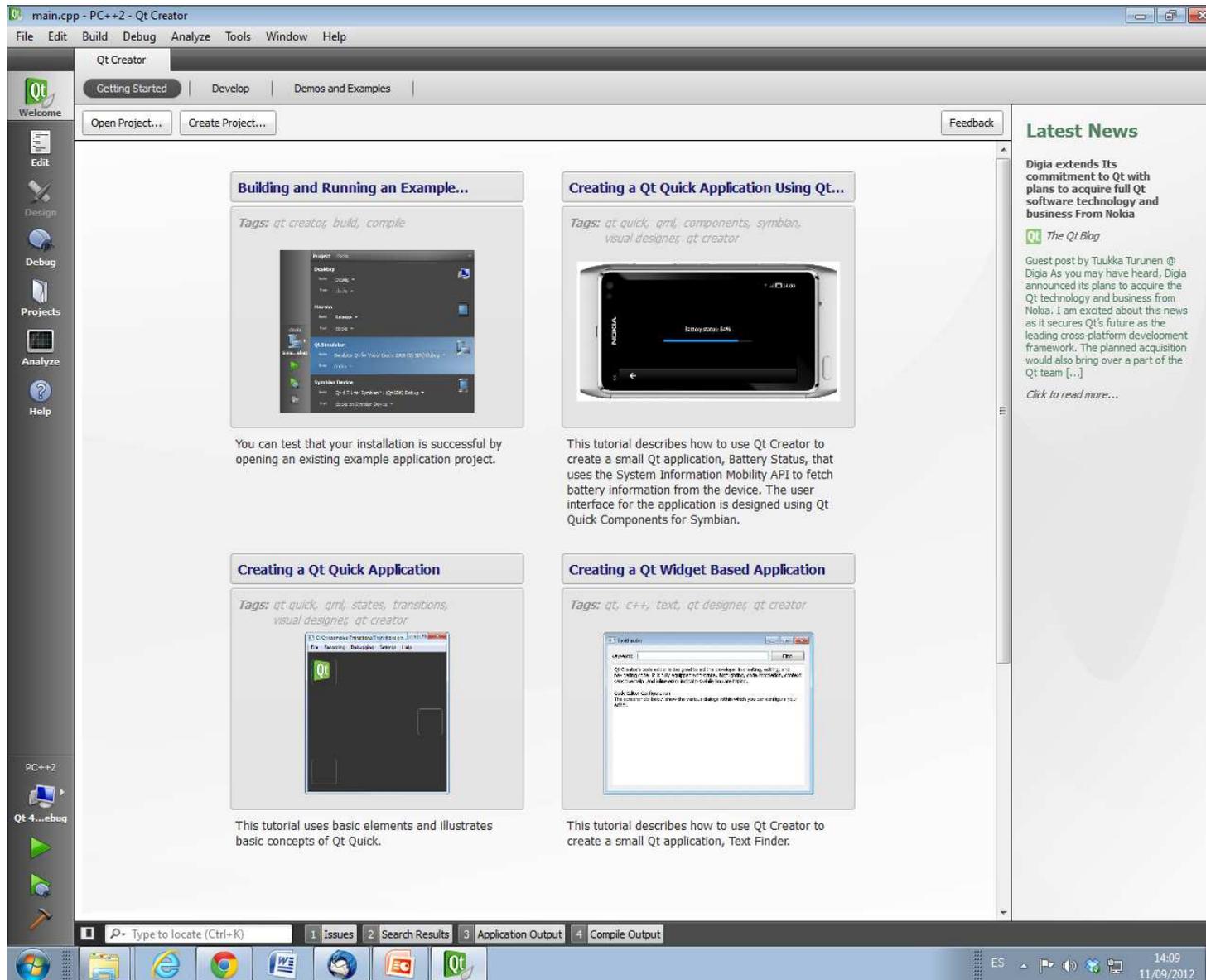
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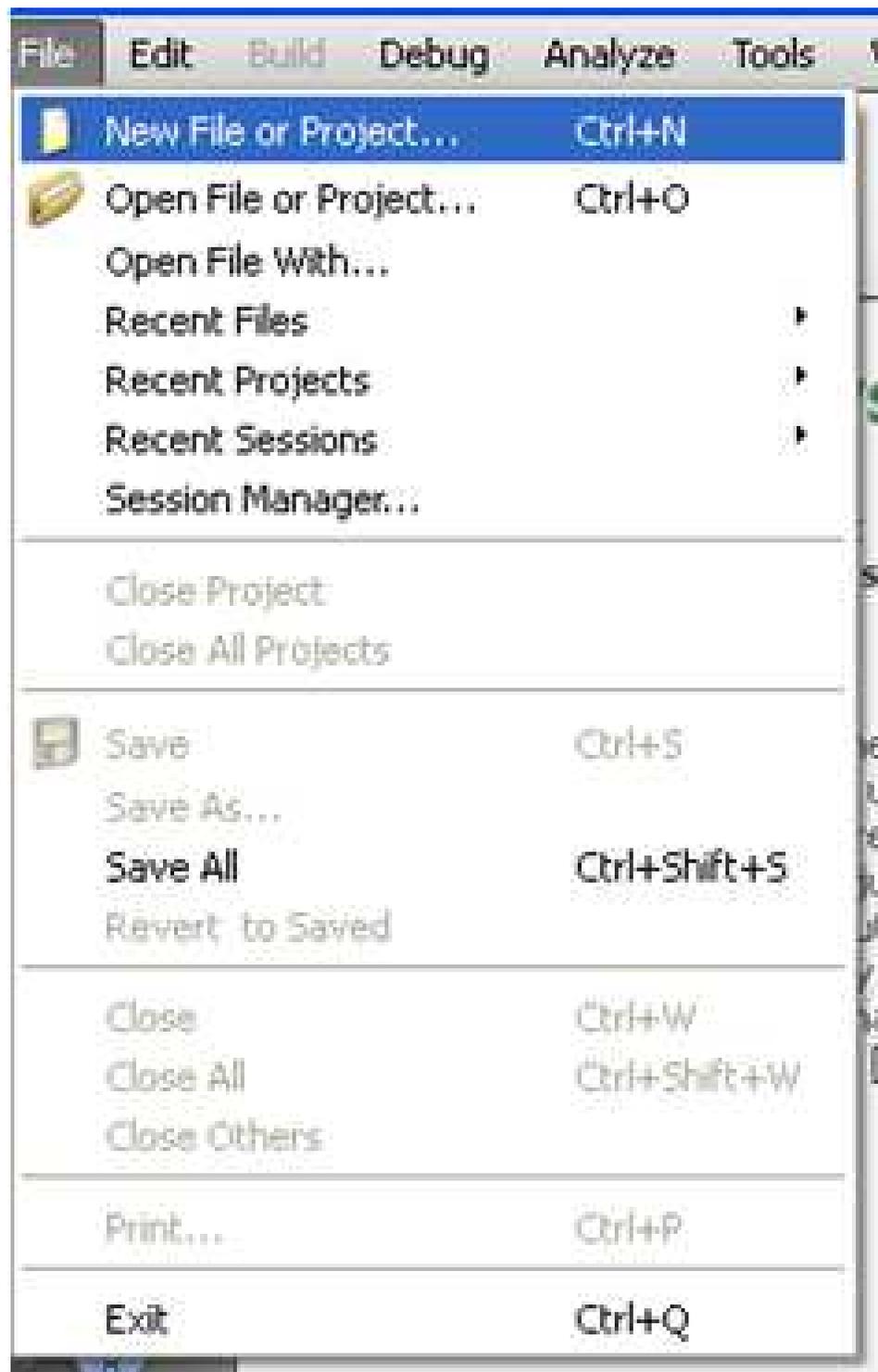
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Realización de un programa ejemplo en QT Creator





Qt New



Choose a template:

Projects

Qt Quick Project

Qt Widget Project

Other Project

Project from Version Control

Files and Classes

C++

Qt

QML

GLSL

General

-  Qt Console Application
-  C++ Library
-  Qt Unit Test
-  Qt Custom Designer Widget
-  HTML5 Application
-  Plain C Project
-  Plain C++ Project

Creates a plain C++ project using qmake, not using the Qt library.

Choose...

Cancel

Qt Console Application



Location

Introduction and Project Location

Targets

This wizard generates a Qt4 console application project. The application derives from `QCoreApplication` and does not provide a GUI.

Summary

Name:

Create in:

Use as default project location

Target Setup

Qt Creator can set up the following targets for project **Prueba3**:

 **Symbian Device**

 **Desktop**

Create Build Configurations: 

Use Shadow Building

 **Qt Simulator**

 **Harmattan**



- Location
- Targets
- ➔ Summary

Project Management

Add to project:

Add to version control:

Manage

Files to be added in

C:\usuarios\domingo\Programas\Prueba3:

main.cpp
Prueba3.pro

< Back

Finish

Cancel

Qt Welcome Edit Design Debug Projects Help

untitled2

- untitled2.pro
- Sources
 - main.cpp

Open Documents

main.cpp

```
1 #include <iostream>
2 using namespace std;
3 void f1(void)
4 {
5     int contador=0;
6     cout << "\nf1 -> contador = " << ++contador << endl;
7 }
8
9 void f2(void)
10 {
11     static int contador=0;
12     cout << "\nf2 -> contador = " << ++contador <<endl;
13 }
14
15
16 int main()
17 {
18     for(int i = 0; i < 5; i++ )
19     {
20         f1();
21         f2();
22     }
23 }
24
25
```

untitled2

Qt i...ebug

Run, Stop, Debug, Build icons

main.cpp - Prueba2 - Qt Creator

File Edit Build Debug Analyze Tools Window Help

	New File or Project...	Ctrl+N
	Open File or Project...	Ctrl+O
	Open File With...	
	Recent Files	▶
	Recent Projects	▶
	Recent Sessions	▶
	Session Manager...	
<hr/>		
	Close Project "Prueba2"	
	Close All Projects	
<hr/>		
	Save "main.cpp"	Ctrl+S
	Save "main.cpp" As...	
	Save All	Ctrl+Shift+S
	Revert "main.cpp" to Saved	
<hr/>		
	Close "main.cpp"	Ctrl+W
	Close All	Ctrl+Shift+W
	Close Others	
<hr/>		
	Print...	Ctrl+P
<hr/>		
	Exit	Ctrl+Q

```
<Select Sy  
e/QCoreAppl  
.h>  
gc, char *a  
ation a(arc  
roduzca un  
&aux) ;  
cuadrado es  
ec () ;
```

File Edit **Build** Debug Analyze Tools Window Help



Edit



Design



Debug



 Build All Ctrl+Shift+B

 Rebuild All

Deploy All

 Clean All

 Build Project "Prueba2" Ctrl+B

Rebuild Project "Prueba2"

Deploy Project "Prueba2"

Publish Project...

Clean Project "Prueba2"

 Run qmake

Cancel Build

 Run Ctrl+R

Open Build/Run Target Selector... Ctrl+T

main.cpp - Prueba2 - Qt Creator

File Edit **Build** Debug Analyze Tools Window Help

-  Build All Ctrl+Shift+B
-  Rebuild All
- Deploy All
-  Clean All

-
-  Build Project "Prueba2" Ctrl+B
 - Rebuild Project "Prueba2"
 - Deploy Project "Prueba2"
 - Publish Project...
 - Clean Project "Prueba2"
 -  Run qmake

Cancel Build

-
-  **Run** Ctrl+R
 - Open Build/Run Target Selector... Ctrl+T



Welcome



Edit



Design



Debug



C:\ QtSDK\QtCreator\bin\qtcreator_process_stub.exe

Introduzca un entero: _

C:\QtSDK\QtCreator\bin\qtcreator_process_stub.exe

Introduzca un entero: 5
Su cuadrado es 25

Problemas típicos

- Si dice que “cout” no ha sido declarada, probablemente se puede haber olvidado incluir la librería “**iostream**” y la línea “**using namespace std;**”.
- Si dice que falta un “;” antes de una función, probablemente se puede haber olvidado ponerlo al final de la línea anterior.
- Si falta una llave, { o }, en un sitio, se puede haber olvidado bastante atrás.

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