How to install the Workbench for STM32

Standard Installation

1. **Download the Workbench for STM32 installer** that is here:
   http://www.openstm32.org/HomePage
   This package contain Eclipse (Kepler version) and STM32 Workbench.

   ATTENTION
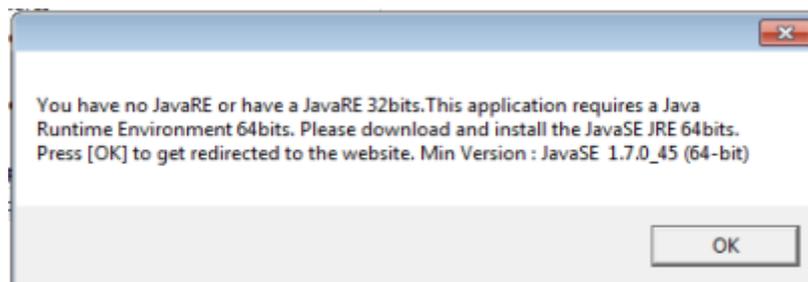   You must choose the right version for your operating system (**32bit** or **64bit**).

2. **Install the Workbench for STM32**
   Unzip the System Workbench for STM32 and install it.
   If the installation don't start, please install before Eclipse and after update it to STM32 workbench, see **here**.

   ATTENTION
   If a pop up **error message** about **JavaRE** is displayed, it means the proper version JavaRE is not installed on your system, see below.

Click on the "Ok" to get redirected to the Oracle JAVA website.

ATTENTION
The architecture version for System Workbench for STM32 MUST be identical to your Java architecture version. example:
Workbench STM32 64bits and **JavaRE 7** (or upper) **64bits**

During the installation procedure you must follow the explanation that appears in the boxes.
The first box describes the product features.
Click on the "Next" button.
Please read and accept the license agreement to continue the installation. Click on the "Next" button.
Choose the installation path (default: C:\Ac6\SystemWorkbench). Please avoid choosing path with space such as "C:\Program Files\...".
Click on the "Next" button.

ATTENTION
If you install the **Workbench for STM32** in a **ORACLE VirtualBoax**, at the end of the installation restart your VM.
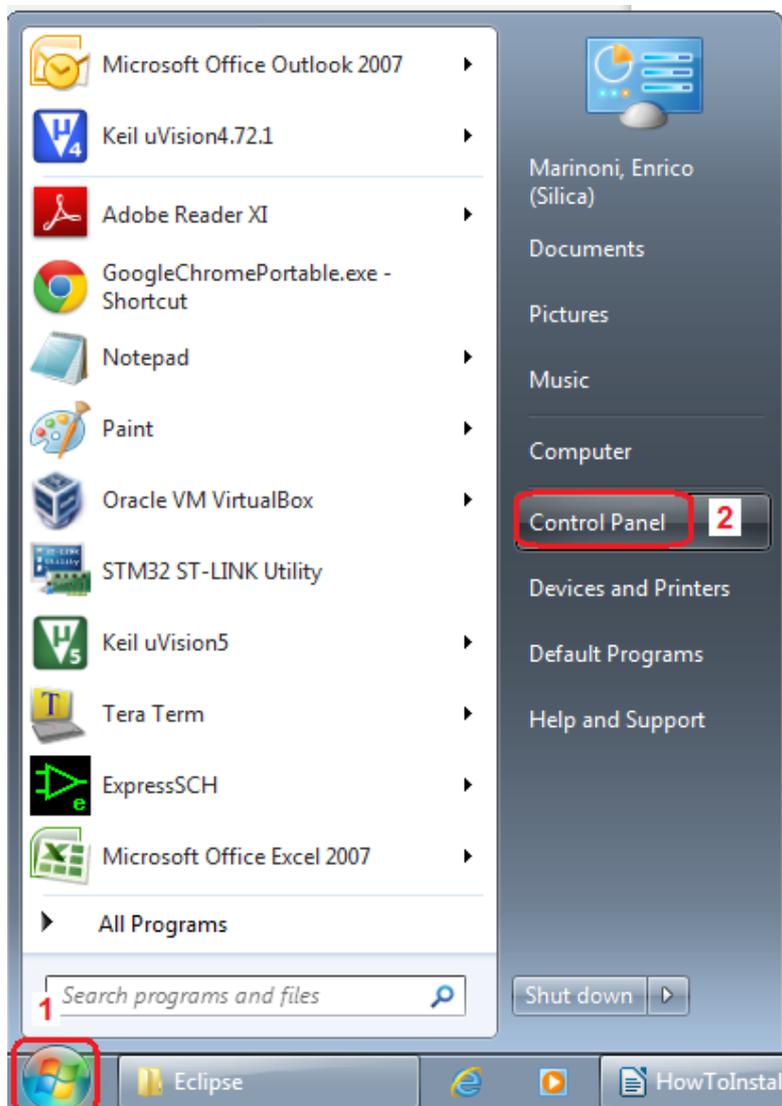
Update an Eclipse installation with STM32 Workbench

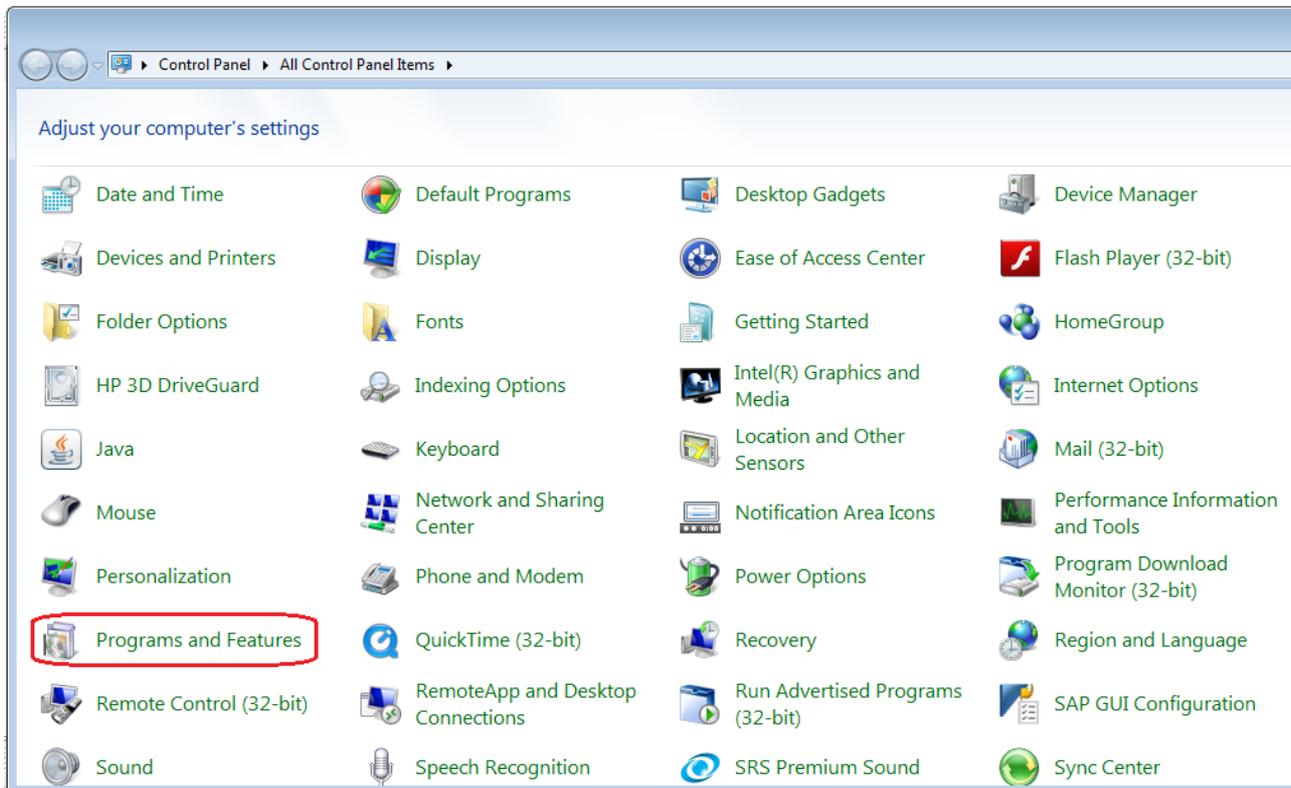If the standard installation of the System Workbench for STM32 doesn't work properly do
this steps.
- **Verify that on your PC is present Java, if is not present Install Java**
- **Install Eclipse**
- **Update Eclipse to System Workbench for STM32**

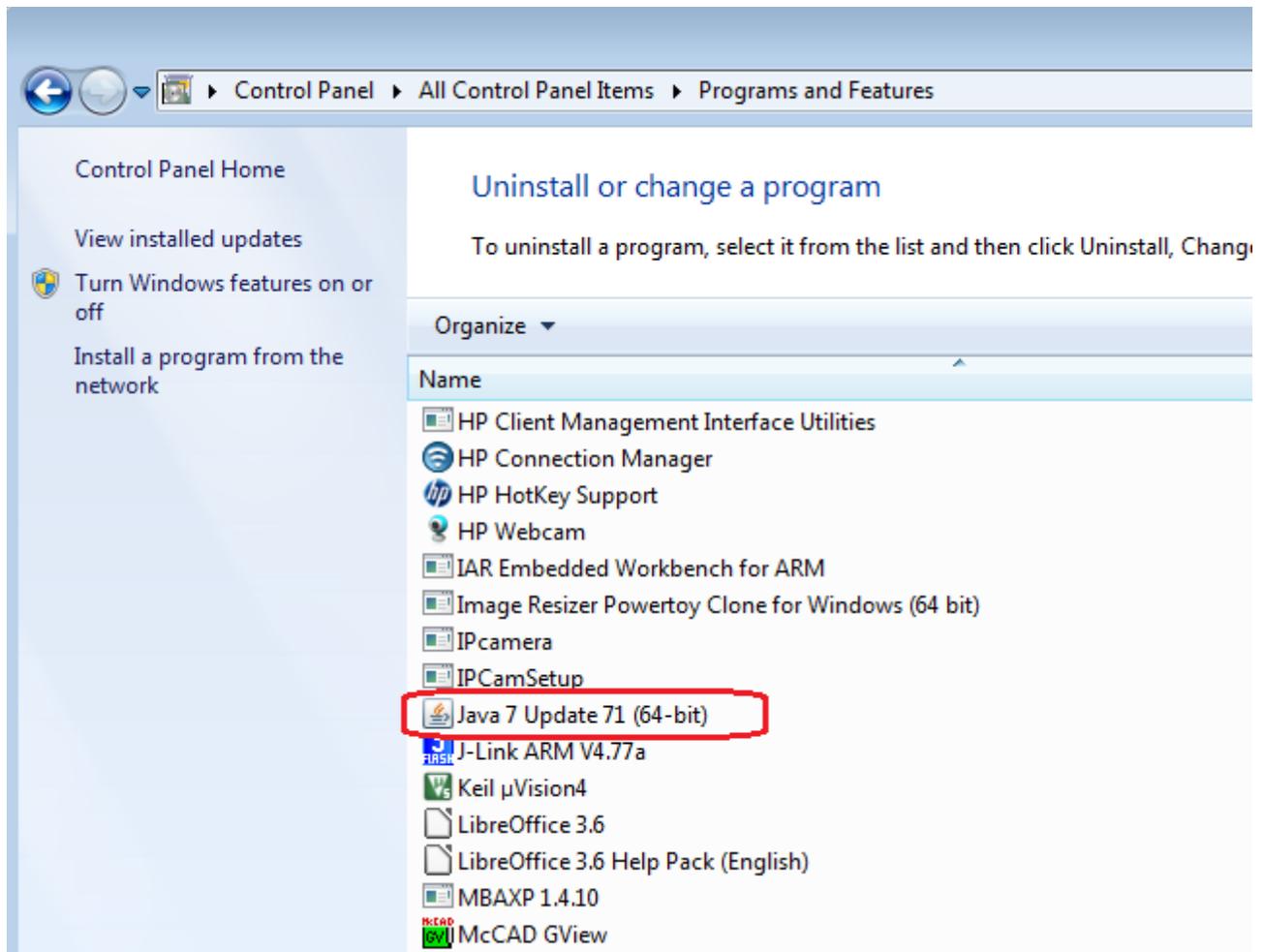**Test your PC for know if java is present**
If you don't know if there is a JRE on your PC do this steps (for Windows 7).
Select **START** (1) and next **Control Panel** (2), see below.

From the window that appears select:
Programs and Features
see below.

From the new window that appears you must see something like below, see the red box.
In my case I have installed the Java 7 update 71 (64bit).

If you don't see Java, please install it.
You must choose the right JRE or JSE for your PC (32bit or 64bit).
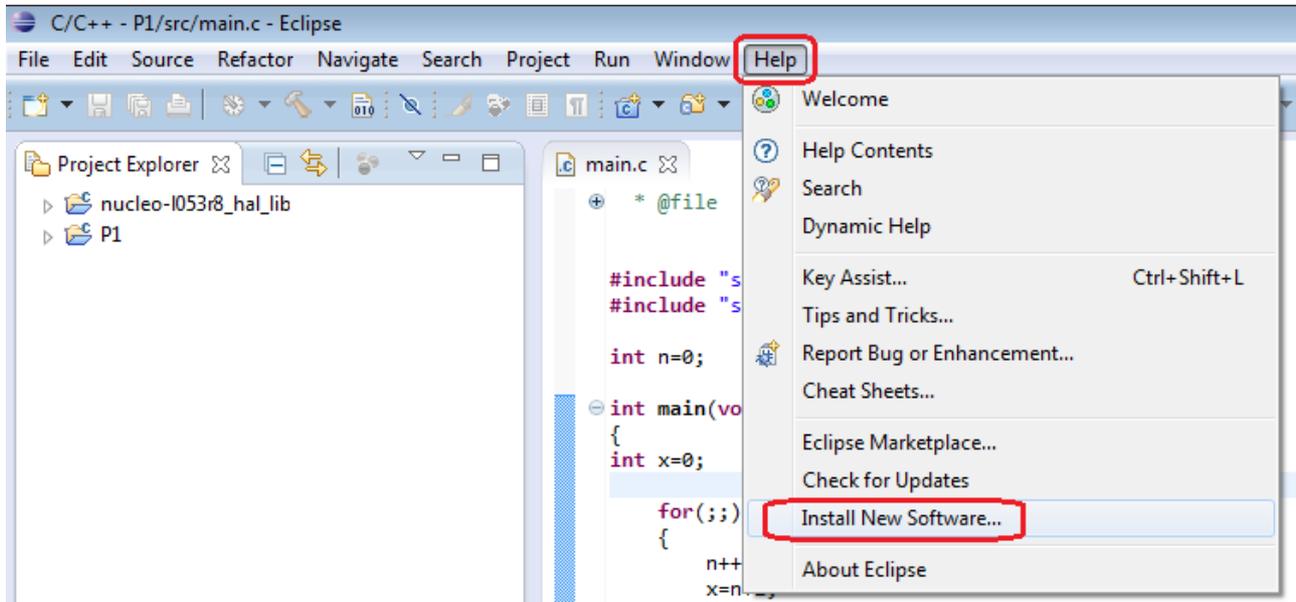I prefer the JSE, for see the differences from JSE and JRE see here.

Install Eclipse on your PC

For install ECLIPSE in your PC, please choose the:
Eclipse Kepler IDE for C/C++ Developers
and choose the right version for your PC (**32bit** or **64bit**).

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Update Eclipse to System Workbench for STM32

For update your Eclipse installation to System Workbench for STM32 do this steps.

Select **Help** and **Install New Software**, see below.

From the new window that appears you must select **ADD** and a new window appears.
Now in this new window you must **set a name**, for example: STM32 Workbench
and **set the http address** where there is the SW for STM32 Workbench that at the moment is:
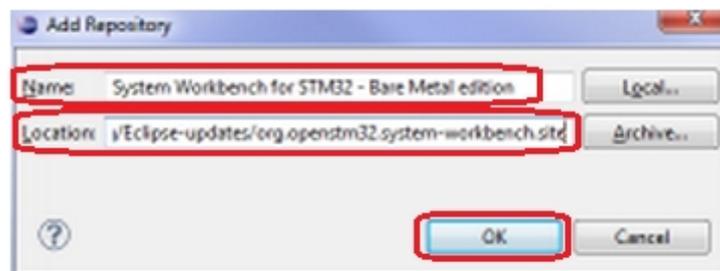*http://www.ac6-tools.com/Eclipse-updates/org.openstm32.system-workbench.site/*
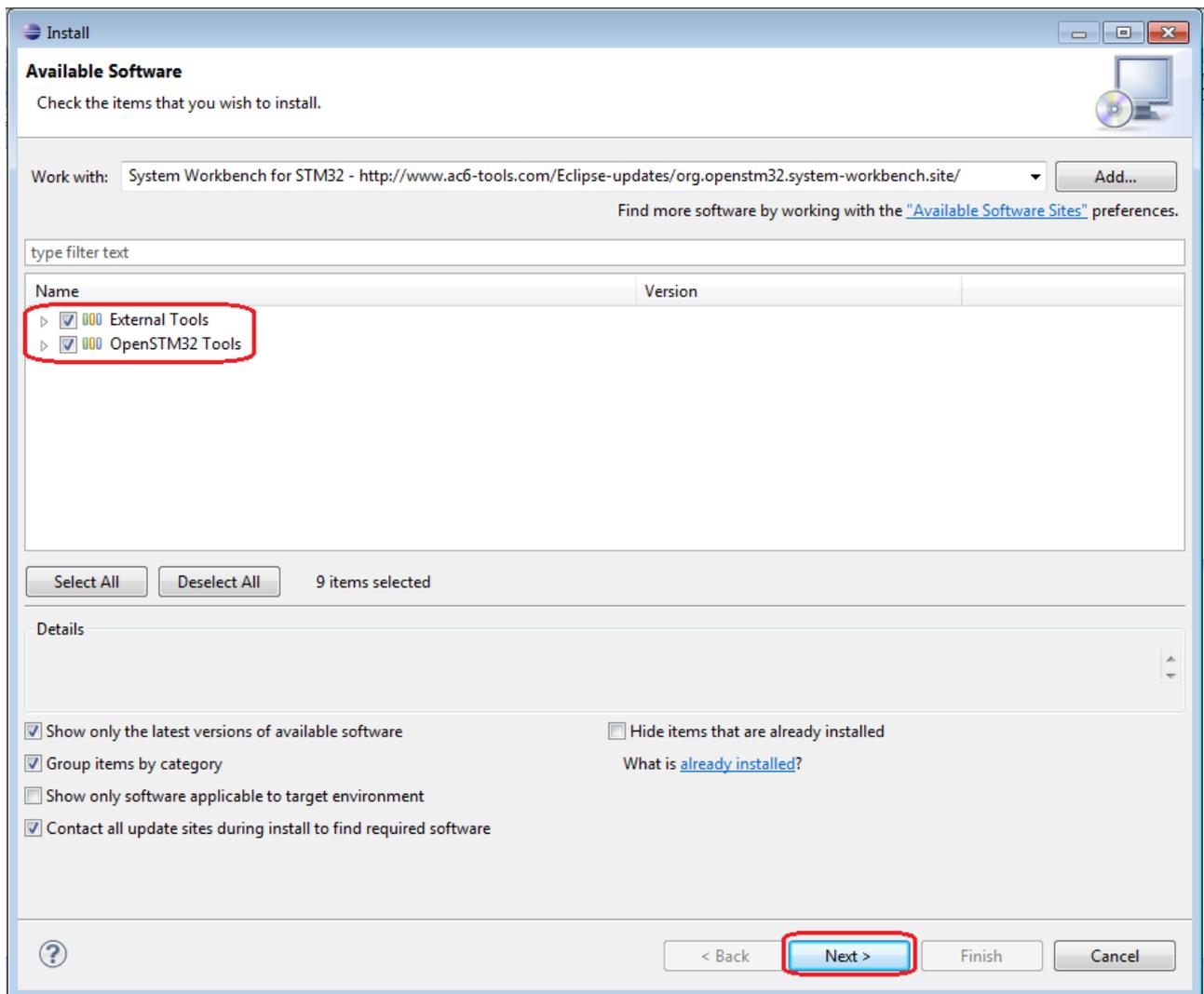and press **OK**.

> ATTENTION:
> In the future release, the link may be changed, please read the instruction in this page:
> http://www.openstm32.org/Installing+System+Workbench+for+STM32+from+Eclipse?structure=Documentation

Now you must configure the window as shown below.

After the pressure of the **NEXT** button the new SW are downloaded (you must accept the license agreement) and at the end the STM32 Workbench is installed in Eclipse.

Check for Update

Time to time, STM update the STM32 Workbench, so for check if there is a new update do this:

Open Eclipse and select: **Help → Check for Update**

Eclipse automatically check if there is an update available for STM32 Workbench.