

Installing EclipseARM

The EclipseARM environment is installed in the Labs, and you can simply use it, not only during the lab sessions, but also in any free time slots of the lab seats (you may find the free seats in the lab information displays). Nevertheless, experience shows that the possibility of running EclipseARM in their own PC is helpful for the students.

In this document, you may find the procedure to get the ARM simulator installed in your computer, using:

- Windows 10
- Windows 7 64 bits

Step 1

Download the file EclipseARM.exe (around 440 MB) from the following URL:

- [EclipseARM](#)

Step 2

Execute the file to proceed with the installation process. Be careful: the name of the destination folder should not be too long. The reason is that the paths to files extracted during the installation have a maximum length of 230 characters, and Windows does not support more than 260 characters in a file path.

Let us suppose that we call the destination folder “TARGET”.

Step 3

To finish the process, you must add to the system PATH the following string:

`TARGET\EclipseARM\sourcery-g++-lite-arm-2011.03\bin`

For example, if the destination folder is “C:\Lab_IC”, you must add the string:

`C:\Lab_IC\EclipseARM\sourcery-g++-lite-arm-2011.03\bin`

to the system PATH.

You can find and modify the path using the following procedure:

Remark: In this procedure, the names of the system windows are in Spanish as most students

typically use this language in the regional configuration of the operating system. If this were not your case, and you have trouble to follow the instructions, please contact the teacher.

In Windows 10

1. Open “Explorador de Archivos” and write “Panel de control” in the route box. This will open “Panel de control”.
2. Click “Sistema y Seguridad” → Sistema → Configuración avanzada del sistema → Click “Variables del entorno”.
3. Box “Variables de usuario para *YourUserName*”
Click Path → Click Editar → Click Nuevo → Copy the new path to the box → Click Aceptar
4. Box “Variables del Sistema”
Click Path → Click Editar → Click Nuevo → Copy the new path to the box → Click Aceptar

In Windows 7 64 bits

1. Open “Panel de Control” → “Sistema y Seguridad” → Sistema → Configuración avanzada del sistema → Click “Variables del entorno”
2. Insert, at the end of the line PATH, a semicolon and the new string without any blank space in between. For example “;C:\Lab_IC\EclipseARM\sourcery-g++-lite-arm-2011.03\bin”
3. Click “Aceptar”