Download digsim

April 5, 2004

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1. Why download

You are certainly free to download the digsim project.

> **Note:**
> However, you should note that *digsim* is mainly an educational tool that demonstrates the software production process; *digsim* is **not** meant to be a usable tool for the simulation of real digital circuits.

The downloadable *digsim.zip* file contains the complete source code for the project as well as the documentation source code and the pre-compiled binaries and transformed documentation.

2. Download requirements

You need Java 1.4 (or greater) installed.

3. Download

Download digsim.zip (about 600 Kbytes).

4. Installing downloaded file

Unzip the downloaded `digsim.zip`. The directory `dist` contains two executables that invoke the simulator:

digsim.bat:
This Microsoft Windows batch file should start the simulator from any Windows platform.

digsim:
This shell script should invoke the simulator from any unix-like operating system (such as Linux, Solaris, etc.). Note that if the environment variable `DIGSIM_HOME` has not been set, it must be invoked from within the directory it

resides in with `./digsim`.

5. Caveats

The `digsim.zip` file is a complete distribution of my development site—WARTS included!

Casual examination of `digsim` should be simple: the Java source code is already compiled and the compiled classes are stuffed into a single `jar` file—`digsim.jar`. Furthermore, the pre-compiled *javadocs* are linked to html renditions of the actual source code.

If you want to experiment with the source code, you should use the command `ant` to re-compile any new source code (or `ant jar` to recreate the jar file). You need to have the Apache ant package installed to do this.

The `build.xml` file included in the distribution should work for basic targets. Alas, the `build.xml` is a ghastly kludge when it comes to higher-level targets such as re-creating the web site. In particular, beware the command `ant clean`: it will certainly delete derived files, but it is virtually certain that something like `ant docs` will not work on your system. (I have hard-coded various paths in many places...SORRY...)