

# ATGen Installation Instructions

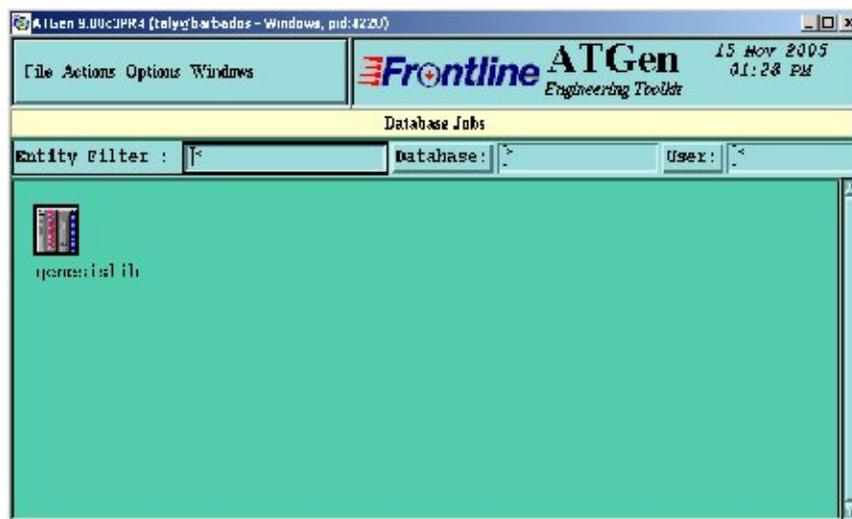
This document describes the installation procedure of the ATGen.

## **Please notice:**

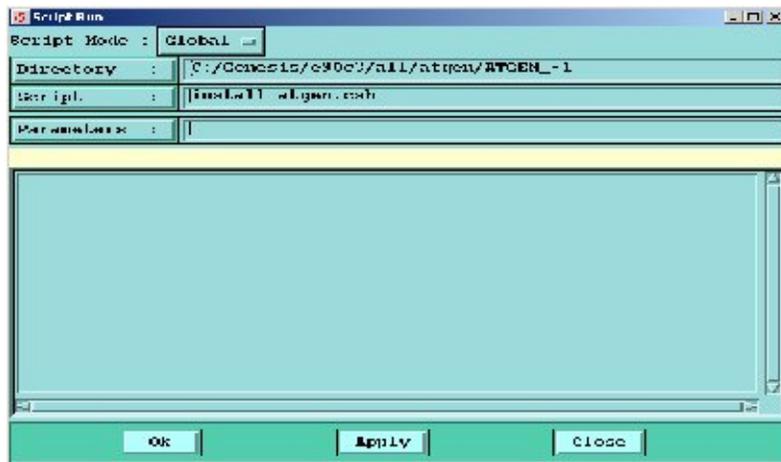
- ❑ In this WIN installation, the Genesis database must be located on the same partition as the rest of the Genesis application ('c:/').
- ❑ The WIN environment variables must be with '/' and not '\' (e.g. \$GENESIS\_EDIR = c:/genesis/e90).
- ❑ The **atgen\_install.tgz** file should be unzipped **ONLY** to the: **\$GENESIS\_EDIR\all\atgen** location (e.g. after the unzip you'll have: **c:\genesis\e90c3\all\atgen\atgen\_install** in WIN platform or **\genesis\e90c3\all\atgen\atgen\_install** in Linux platform).

Please follow the steps below:

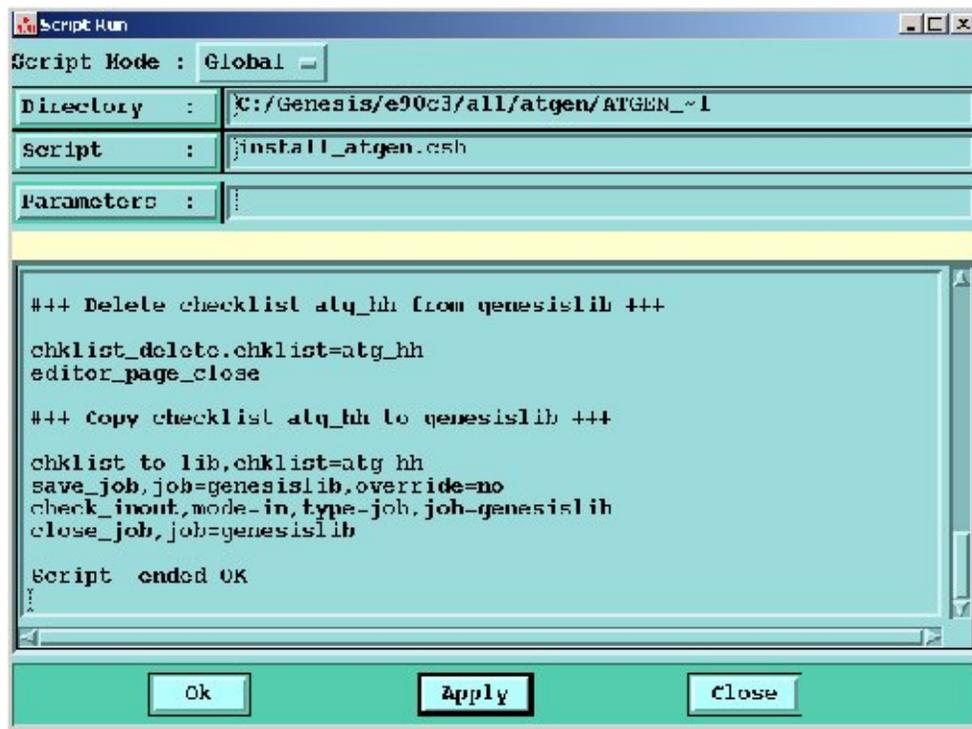
1. Insert the Genesis v9.0c installation CD into the CDROM drive and follow the Genesis installation instructions.
2. Install the Genesis v9.0c3 patch (v90c3.w2k.tar.gz for WIN, & v90c3.linux.tar.gz for Linux).
3. Unzip the zip file located in \$GENESIS\_EDIR/all/atgen/atgen\_install.zip at the same location (= to 'c:/genesis/e90/all/atgen/atgen\_install.zip' in WIN platform, or to: '/genesis/e90/all/atgen/atgen\_install.zip' in UNIX). As a result you'll have a directory called: **atgen\_install** at \$GENESIS\_EDIR/all/atgen/atgen\_install (e.g. **c:\genesis\e90c3\all\atgen\atgen\_install** in WIN platform or **\genesis\e90c3\all\atgen\atgen\_install** in Linux platform).
4. Start the **atgen.exe** located in \$GENESIS\_EDIR/get (= for example 'c:/genesis/e90/get' in WIN platform, & '/genesis/e90/get' in UNIX).



5. On the menu, go to: File > Script > Run. The below window will appear.



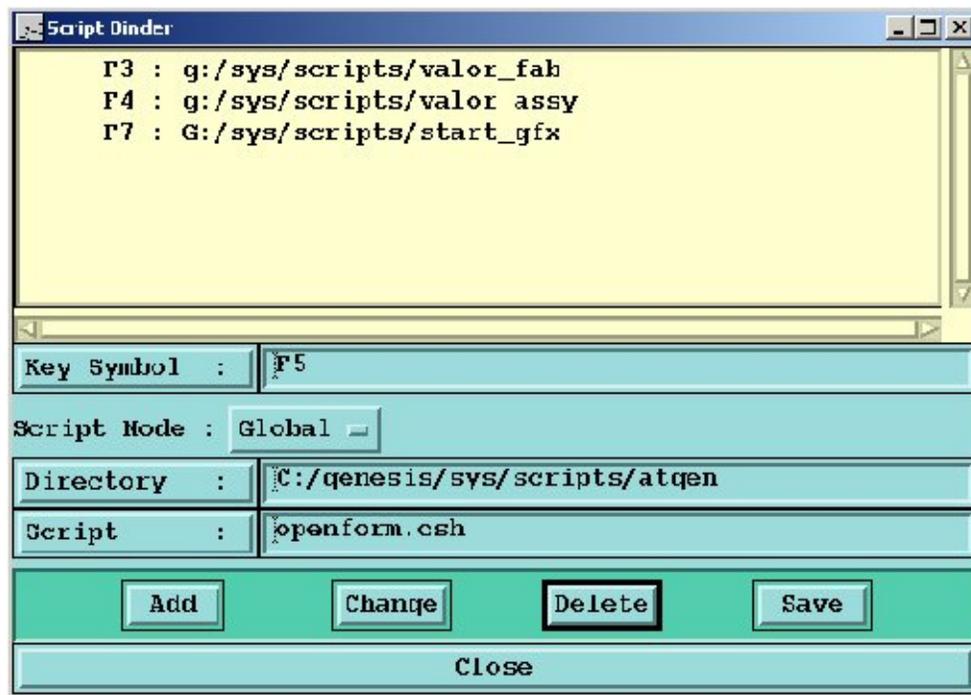
6. Press on the 'Directory' button, & select the path of the directory, which contains the *install\_atgen.csh* script.  
Press on the 'Script' button and select the *install\_atgen.csh* script.
7. Press on the 'Apply' button. The script will copy the required files to the following locations:
  - \$GENESIS\_DIR/sys/hooks/line\_hooks
  - \$GENESIS\_DIR/sys/hooks/et/adapters
  - \$GENESIS\_DIR/sys/hooks/
  - \$GENESIS\_DIR/sys/scripts
  - \$GENESIS\_DIR/sys
  - \$GENESIS\_DIR/fw/lib/forms
8. You'll get a message that the script was ended ok. See below. Close the window.



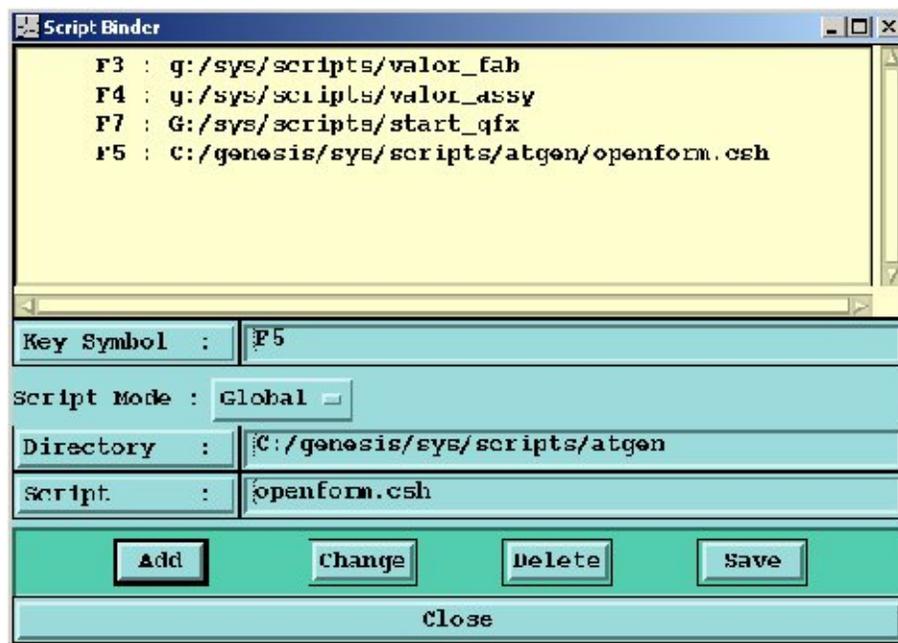
9. Open the file: \$GENESIS\_DIR/sys/scripts/atgen/init.csh in a text editor and define the following required parameters:
  - ❑ **Inputdirs** – The input directory path. Notice that this path should direct to a directory that contains another directory (which contains the data files). For example: Inputdirs = ‘c:/genesis/data’ or ‘/genesis/data’, and the data files will be in: ‘c:/genesis/data/input1’ (for WIN platform), ‘/genesis/data/input1’ (for UNIX).
  - ❑ **Step name** – The name of the step (for example: ‘orig’).
  - ❑ **Adapter name** – The name of the Netlist Optimizer adapter (for example: “hh-test”).
  - ❑ **Standard checklist** – The name of the default checklist you wish to run (for example: “atg\_checklist”).

Save & Close the editor.

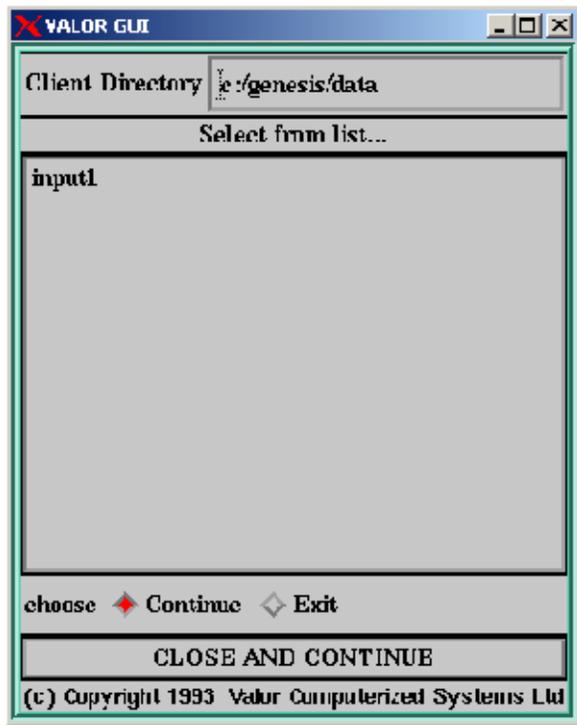
10. Go to: File > Script > Binding... The following window will appear.



11. Press on the “Directory” button to define the path of the script, which located in: \$GENESIS\_DIR/sys/scripts/atgen.
12. Press on the “Script” button and select the “openform.csh” script.
13. Press on the “Key Symbol” button to define the binding button. Select the “F5” key.
14. Press on the “Add” button & then on the “Save” button. The defined binding will be added as below:



15. Close the window.
16. In the main ATGen window, press on the “F5” button.
17. You’ll get the following popup:



18. Select the desired directory from the list, and press on the “CLOSE AND CONTINUE” button.
19. The ATGen form will open up:

