Applying Patches

Toghether with the text of the exam, you will find a `patch` file with the part of the solution concerning the modification of the ACSE compiler.

With this file, you can patch your own copy of ACSE to experiment with the modified compiler.

1. Download the zip archive containing the latest version of the ACSE compiler. This archive is found on WeBeeP.

2. Extract the archive.

3. Open a terminal, then change the current directory to where ACSE has been extracted – where the readme of ACSE is also located.

4. Copy the patch in that same directory

5. Execute the following command in the terminal to apply the patch:

   ```
   patch -p1 < the_patch_file_name.patch
   ```

A patch is none other than a very simple text file, which contains the differences between the version of ACSE which implements the solution of the exam, and the unmodified version.

In the patch, all lines that begin with + were added, while the lines that begin with − were removed.

Note: during the exam, it is not required to write your solution in the same format as a `patch` file.