

SYSTEM REQUIREMENTS

Java version 1.1 or higher

640 x 480 resolution colour VGA screen

For Windows 95/NT the MKS Toolkit and MS Visual C++ are required.

For UNIX systems a C compiler is required.

Pentium

16MB RAM

2MB HDD space

INSTALLATION INSTRUCTIONS

Windows 95 / NT

1. Open a Korn Shell window
2. Unzip the distribution file
3. Change directory to tgui
4. Follow the instructions in the file called INSTALL
5. To run the TETware application, gcc as required, change to the directory you have installed TETware to, (e.g. type: `cd C:\TET3_2`) and type: `gtcc.ksh`

UNIX Systems

1. Open a shell window.
2. Untar the distribution into a separate directory
3. Follow the instructions in the file called INSTALL
4. To run the TETware application, gcc as required, change to the directory you have installed TETware to, (e.g. type: `cd /usr/local/tet3_2`) and type: `gtcc`

USER GUIDE

Getting Started

1. Running the application

Change to the directory where you have installed TETware. For example, type: *cd c:\tet3_2*

Type: *gtcc*

The application should now run.

The first time the application is run the screen will look like figure 1 below. From then on, the screen should show the last test suite, scenario file and scenario from when you last closed the application.

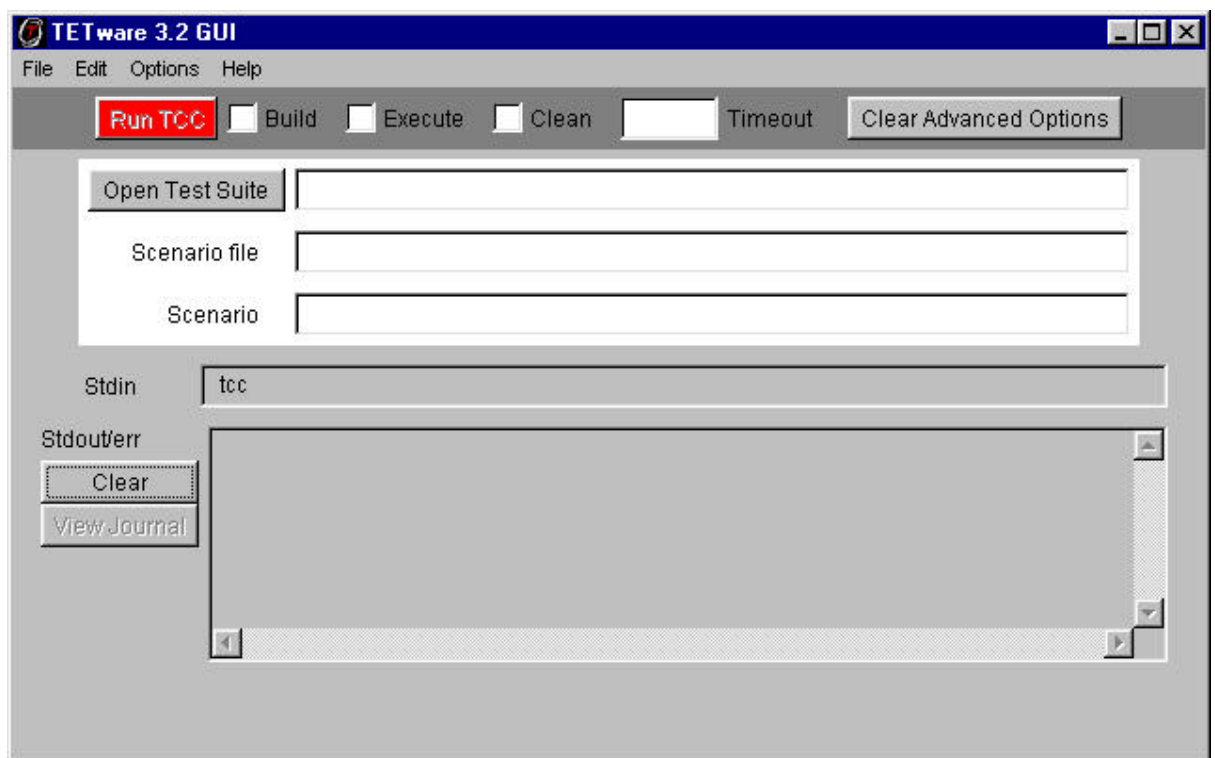


Figure 1: Opening screen

2. Closing the application

Choose 'Exit' from the 'File' menu. You will then be prompted to make sure you really want to exit, as in figure 2.

Select 'Yes' to exit the program and 'No' to continue working.

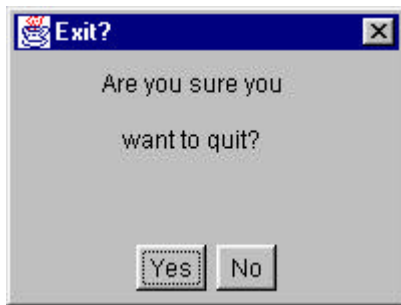


Figure 2: The exit dialog

3. Opening a test suite

Press the 'Open test suite' button on the TETware main window. It will come up with a standard System open file dialog. The test suite is the directory containing the scenario file you wish to run the Test Case Controller on. If you choose the file 'tet_scen' from the file dialog, the file dialog will immediately be exited. If the file you have chosen is a scenario file but is not called 'tet_scen', a similar dialog to that of figure 3 will be shown.

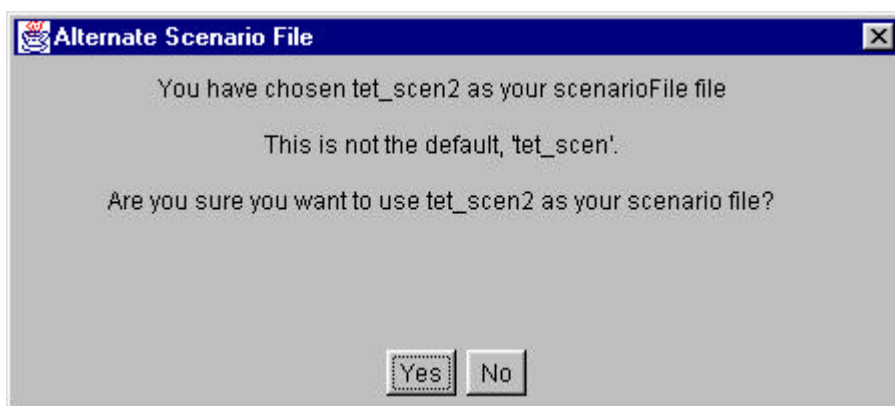


Figure 3: The alternate scenario dialog

Selecting 'No' will mean you need to open a different scenario file. The test suite details are shown in the labelled text fields on the main TETware window. Only one test suite can be open at once, so when a test suite and scenario file have been selected, the 'Open test suite' button changes its name to 'Close test suite'.

3. Closing a test suite

Press the 'Close test suite' button. The text fields will be cleared.

4. Running the Test Case Controller (TCC)

Figure 1 shows a disabled red 'Run TCC' button. This will change to green and become enabled when at least one of the operation mode checkboxes has been checked. The operation modes are build, execute and clean. When a test suite and scenario file have been specified and at least one operation mode is selected, it is possible to run the test case controller successfully by pressing the green 'Run TCC' button.

As default, progress reporting has been switched on. To disable progress reporting, choose 'Progress Reporting' from the 'Options' menu. Any standard output from the TCC is written to the large text area at the bottom of the Main TETware window. Figure 4 shows the screen just after a TCC run.

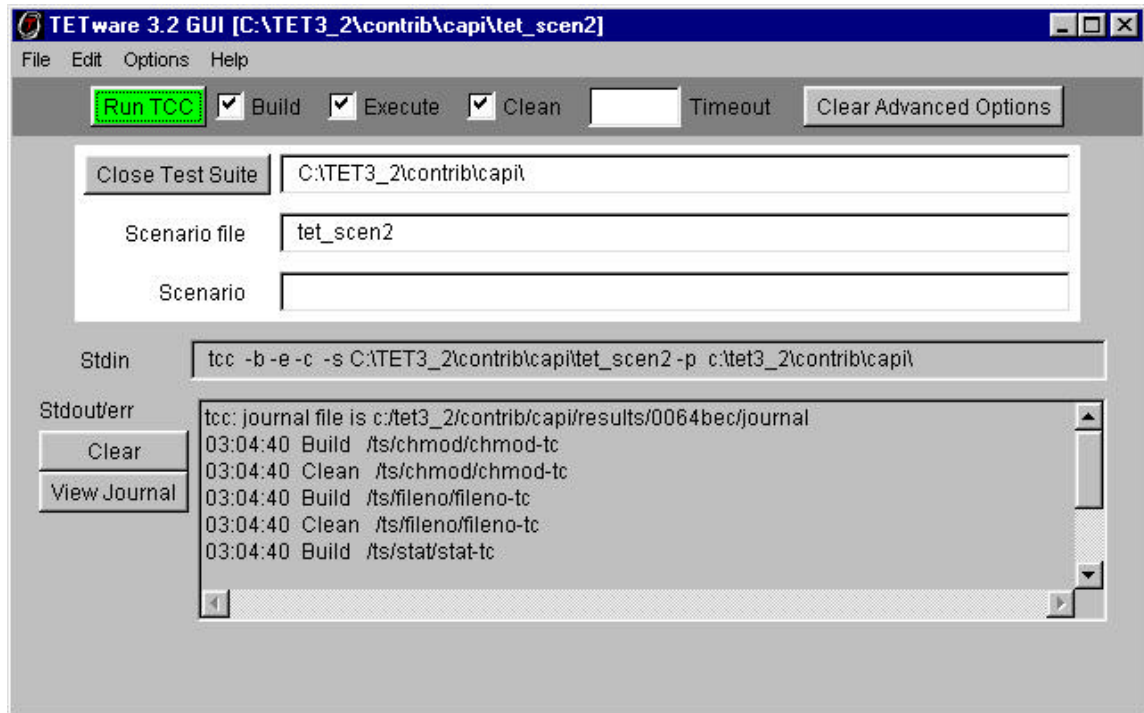


Figure 4: The main TETware window after a TCC run

5. View the journal file

The unformatted contents of the most recently executed journal file can be viewed by pressing the 'View Journal' button. The contents of the journal file are opened in a text editor called JavaPad, which can also save files.

6. Clear the text area

If you wish to clear the contents of the standard output / error text area, press the 'Clear' button on the left hand side of the text area.

7. Setting a scenario

The default scenario is all, which does not need to be entered into the scenario text field. If a different scenario is to be used, it must be entered in the scenario text field in the centre of the main TETware window.

Advanced Features

1. Setting a timeout value

Type an integer in the timeout text field on the top right of the main TETware window. It will be given to the TCC when the 'Run TCC' button is pressed.

2. Opening the advanced options dialog

Open the advanced options dialog by selecting 'Advanced Options' from the 'Options' menu. Entering data into the relevant text fields can then set the advanced options. If any option is set incorrectly, the user is informed of this with help on how to overcome the problem.

The advanced options have been split up into four main categories:

1. Run options
2. Alternative file settings
3. Alternative directory settings
4. More options

Clicking on any one of the four buttons will show the associated options. The Run options card is always the first shown when the dialog is opened. See figure 5. When the advanced options dialog is opened the settings from the last time they were saved (by pressing OK or apply) are shown.

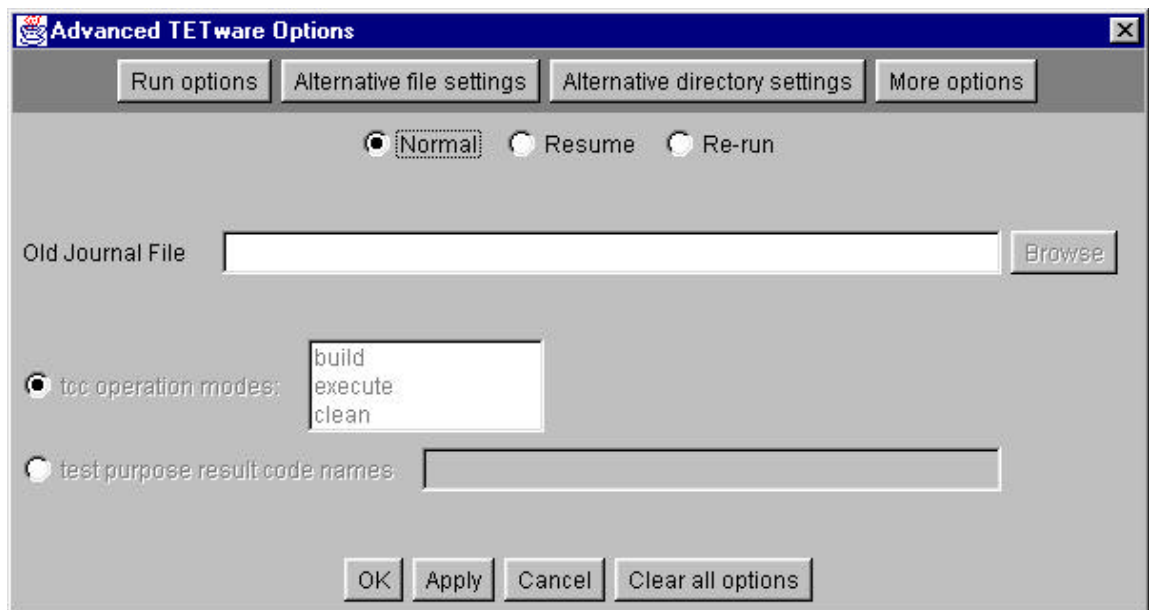


Figure 5: The run options

- Resume / Rerun option

Click on the checkbox of the preferred mode. An old journal file must be selected along with either test operation modes or test purpose result codes. The test purpose result codes can either be entered with a space between each result code or a comma and no spaces between result codes.

For example:

FAIL,UNRESOLVED

OR

FAIL UNRESOLVED

- Alternative file settings

Select the checkbox if you want to use a particular option. Use the browse button to open a file dialog and choose a particular file. The journal file browse button prints the directory of the file you chose into the text field. This is because the journal file cannot already exist.

Figure 6 shows the Alternative file settings .

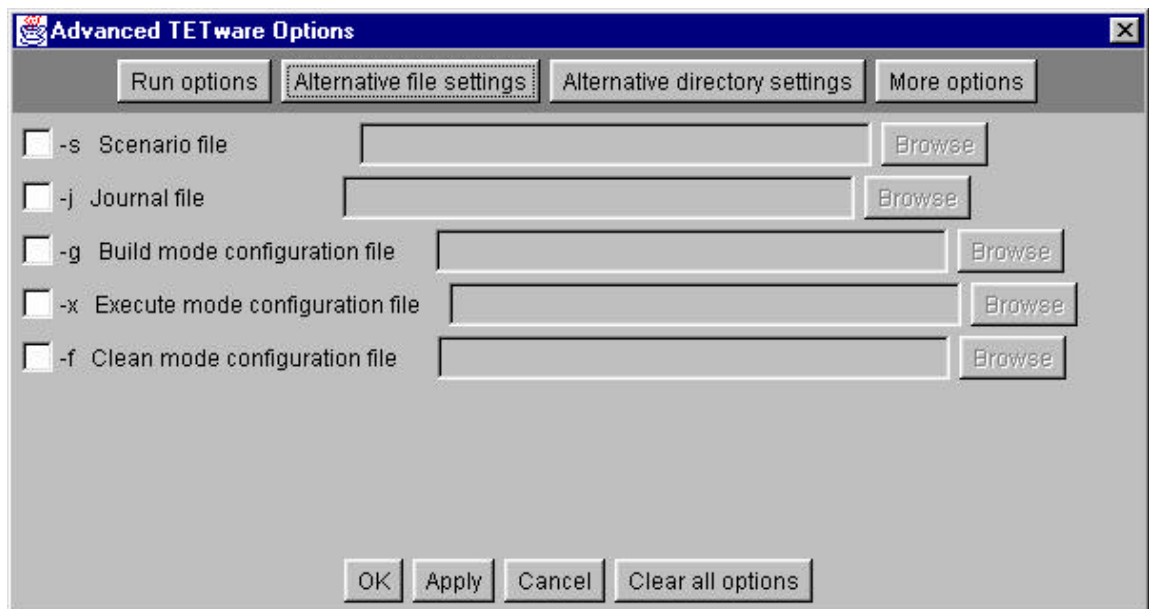


Figure 6: The alternative file settings card

- Alternative directory settings

Select the checkbox of the option you wish to use and enter the directory into the text field either manually or by using the 'browse' button. The 'browse' button requires any file in the chosen directory to be selected before the file dialog can be exited. The directory of this file can then be written to the text field to be used as an advanced option.

Figure 7 shows the alternate directory settings.

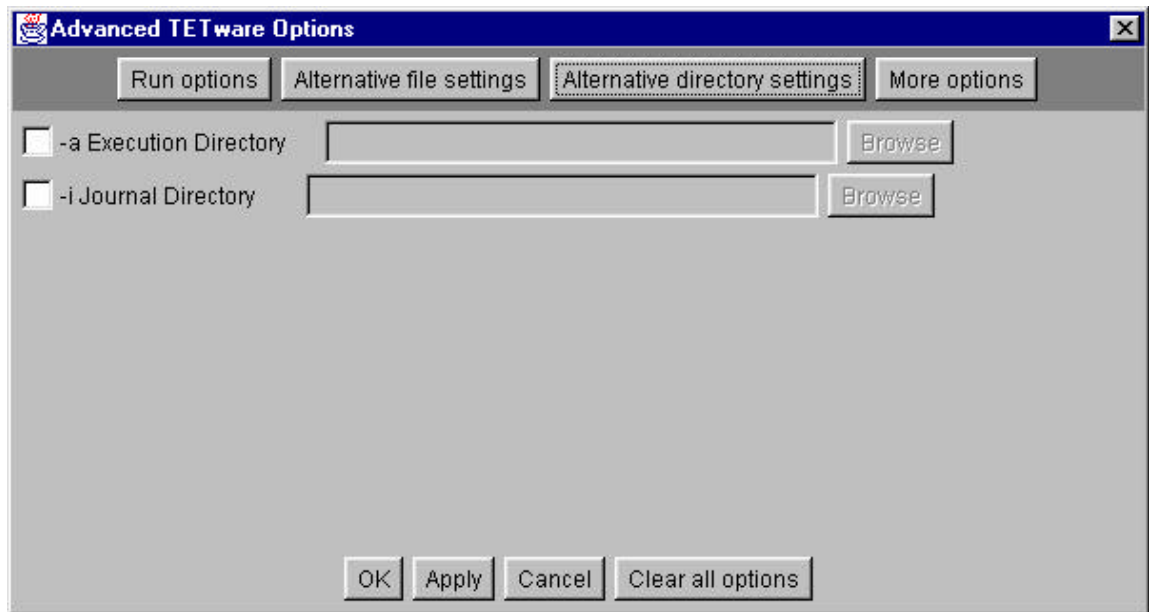


Figure 7: The alternative directory settings

- More Options

The checkbox of the required option must be selected to be able to enter data in the text area. For all of these settings, each occurrence of the option should be placed on a separate line.

The set configuration variable option requires data to be placed in the text area as follows:

variable=value

No other formatting will work.

For the 'Test case advanced options' only one setting can be enabled with the occurrence of each option being on a separate line.

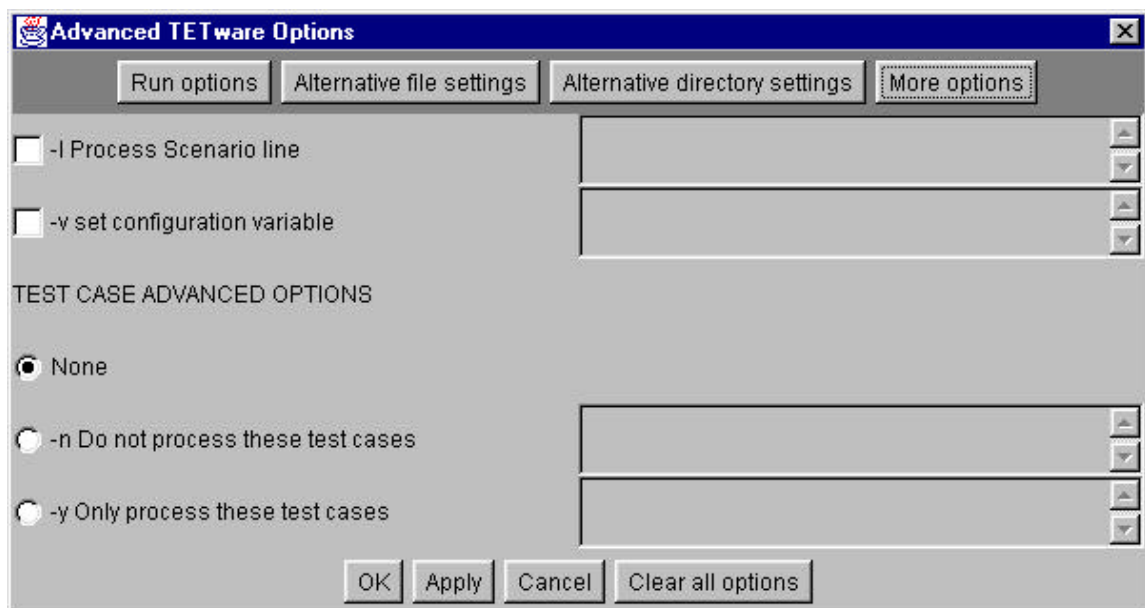


Figure 8: The more options settings

3. Opening the text editor

Select 'Open file editor' from the edit menu. This opens the application, JavaPad, which is able to save and edit files. Particularly useful for editing configuration files.

4. Viewing a raw journal file

In order to view an unformatted journal results file, select 'View raw journal file' from the edit menu. You are presented with an open file dialog box. Select the file you wish to view.

5. View a formatted journal file

N.B. In order to view every journal file in a formatted version, ensure you only have one journal file in any one directory.

Select 'View formatted journal file' from the edit menu. You are presented with a dialog box similar to that of figure 9. Enter a journal file into the text field by typing the file name or using the browse button to select a file. Then press 'view' to open the formatted journal file in JavaPad. This operation causes a file called 'formatted' to be created in the directory containing the journal file. Once it has been created, doing this process again will cause the file 'formatted' to be read and not a new file to be created.

N.B. If you choose a file, which is not actually a journal file, it may crash the program or just open JavaPad with no file.

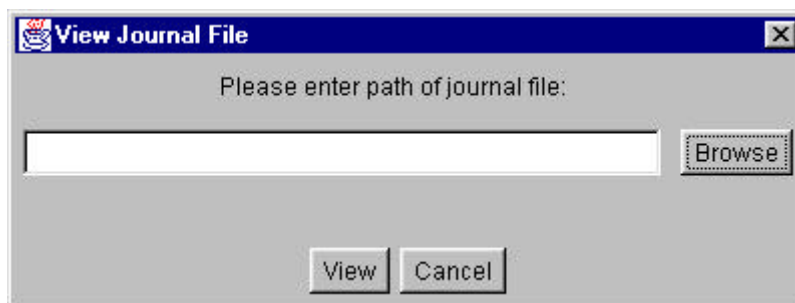


Figure 9: The formatted journal file dialog.

6. Comparing and viewing journal files

In order to compare the results of journal files, select 'Compare test results' from the edit menu. See figure 10 for the dialog, which is displayed.

At least two files must be specified in order for this operation to succeed. If less than two files have been specified, the user is warned. The files must be placed on separate lines of the text field. The files can be entered by typing the path of each file into the text area or by using the browse button to select files. Pressing 'View' causes JavaPad to open with the results of comparing the selected journal files. This operation causes a file called 'comparedx' to be created in the directory of the first journal file. The x is a number so that more than one comparison can be carried out on each journal file.

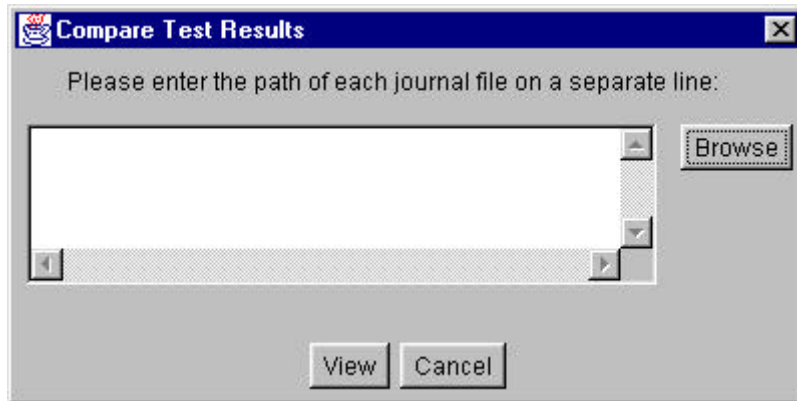


Figure 10: The compare results dialog

7. About

Select 'About' from the help menu to find information on whom implemented this application and when.