

How to use Test Coverage in Net Express v4.0

Test Coverage is a feature provided in Net Express v4.0 to record how much of a program is covered by testing. It creates reports in text or HTML format to enable development teams to identify which statements in the program have been executed during the course of a test run and to identify untested portions of the program. The reports also can provide documentary evidence that testing has exercised every block of program code.

Basic Steps to use this feature:

1. Set the TESTCOVER directive by checking the Test Coverage checkbox in the Build Settings dialog in the Net Express IDE

2. Create the Test Coverage configuration file with the TCF extension, e.g. filename.tcf

```
[TESTCOVER]
ECHOLOG NO
RESULT filename.tcz ACCUMULATE
```

3. Set the TESTCOVER environment variable to point to the Test Coverage configuration file

4. Compile your application program

5. Run the application program - this will cause a .tcz binary result file to be created

6. Locate the .tcz file in the location specified in your .tcf file.

From a Net Express command prompt, enter:

```
tcreport filename options
```

where:

```
+ filename is one or more .tcz files, separated by a comma, or @filelist.txt,
  which is a text file containing a list of all .tcz files to be reported on
```

```
+ options are listed in the topic TCReport in the Net Express Help
```

7. Open the resulting index file to view the tcindex.txt or .htm file.

Knowledge Base Document #17601