

Error Messages in the TTCN Suite

This chapter contains a general description of how error messages in the TTCN suite are structured, information about why some error messages are accompanied by a message on the standard output stream and information about how some error messages should be interpreted.

However, this chapter does not provide detailed information about specific error messages.

Error Messages

All user actions can potentially lead to an error, either because the user has made an improper action or because some system imposed limitation has been violated.

Note that all messages are not necessarily **error** messages, there are **query** and **information** messages as well.

The Structure of Error Messages

Error messages are based on information from three separate sources:

1. Tools/commands
2. TTCN Core94
3. System

The first part is always present in an error message but the other two may be inapplicable to some error messages.

Example 284

```
Open: Operation failure
Can not open the file /home/users/user/suite.itex-lock
Permission denied
```

The example above notifies you about a failed attempt to open a test suite due to you insufficient privileges to create the lock file that should automatically be created when a test suite is opened or created. Observe that as the lock file is created before any attempt is done to open the test suite, the error messages often refer to that file instead of the test suite files.

The following are examples of when the second and third parts are missing and when the third part is missing respectively.

Example 285

```
Replace: Illegal search pattern: \{(foo
```

Example 286

```
Find table: Can not open foo
No such object
```

Additional Error Messages on Standard Error

The reason for additional messages on standard error in some situations, is that some functionality is accomplished by calling shell commands. If any of those shell commands fail, they write a short message to the standard error output stream. Those messages can sometimes provide additional information about why the error occurred.

Messages When Starting the TTCN Suite

When starting the TTCN suite some error messages referring to OSF (e.g. `osfBeginLine` etc.) may be displayed. These messages indicate a problem in the installation related to the file `XKeysymDB`.

The Meaning of Error Messages

Sometimes the error messages may be a bit difficult to understand. The following list is an attempt to give some additional clues to why some errors occur and what the error messages mean:

- Unable to display the error message directly
Please check the end of the log

This message signifies that the system kernel do not support shared memory. The remedy is to rebuild the kernel with System V IPC support and reboot the machine. Until that is done the work-around is to look in the log for the error message.

- Messages containing `may not` or `can not` usually signifies that something is not allowed by the TTCN language. See the examples below.

Example 287

```
Copy: Operation failure
May not COPY
```

Note:

The reason for a failed cut or copy operation may be that the selection contains items that cannot sensibly be pasted together.

Example 288

Rename: Can not rename Declarations Part

Example 289

May not edit name

Insert TreeHeader: Can not create tree header

Example 290

This table may not contain treeheaders
