

Keywords usable only outside TESTs

<code>link text</code>	Controls the warning options passed to gcc.
<code>link text{{USE('feature_name')}}}</code>	Add a pre-defined feature package to SWATT Test Runner

Keywords usable inside TEST, INIT

<code>SWATT_DESCRIPTION("info")</code>	This keyword adds a tag in the log file that will create a description in the test report
<code>SWATT_TEST_ENVIRONMENT("info")</code>	This keyword adds a tag in the log file that will create an execution environment and a test environment in the test report
<code>SWATT_TRACE("info")</code>	Logs the traceability info (requirement ID, design element ID, architecture ID or change management) (in the log which is late transferred in the report and tractability reports).
<code>SWATT_MATURITY("level")</code>	This keyword adds a tag in the log to indicate the maturity level of the test
<code>SWATT_SKIP_REASON("reason")</code>	This keyword can be mixed with C code, when is executed marks the test as skipped and logs the reason why the test is skipped.
<code>SWATT_SKIP_ALL_TESTS("reason")</code>	This keyword can be mixed with C code, and shall be used from the INIT or another helper function called from INIT
<code>SWATT_FATAL_ERROR("message")</code>	Creates a fatal error (message display followed by the crash of the test script)
<code>SWATT_LOG("message")</code>	Prints the message (message... is the same format as for printf) to the log file only.
<code>SWATT_TRACKED_CALL(function())</code>	Allows backward propagation of the info regarding the failure of a function call
<code>SWATT_TEST_PRECONDITION("message")</code>	This keyword adds a precondition tag in the log file with the message from parameter which is used for CSV export for DOORS.
<code>SWATT_TEST_PROCEDURE("message")</code>	This keyword adds a procedure tag in the log file with the message from parameter which is used for CSV export for DOORS
<code>SWATT_TEST_POSTCONDITION("message")</code>	This keyword adds a postcondition tag in the log file with the message from parameter which is used for CSV export for DOORS
<code>SWATT_TEST_EXPECTED_RESULT("message")</code>	This keyword adds an expected_result tag in the log file with the message from parameter which is used for CSV export for DOORS
<code>SWATT_TEST_COMMENT("message")</code>	This increments the numbering for Test Procedure and Test Expected Result.

Coverage Justification Syntax

Single Line Justification



By [hazembenamar](#)

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Coverage Justification Syntax (cont)

```
if (x == 0xFF)
{
    y = 3; SWATT- coverage-line text explaining lack of coverage
}
```

Multiple Line Justification

```
SWATT- coverage-off text explaining lack of coverage
if (x == 0xFF)
{
    y = 3;
}
SWATT- coverage-on
```



By hazembenammar

cheatography.com/hazembenammar/

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