

Test Case Post-Condition Macros

These macros can be used in the post-condition section of the test case definition to report actual values of the test case outcomes. Such reports can be then automatically changed into assertions by C++test.

Macro	Definition
CPPTTEST_POST_CONDITION_BOOL (value_string, value)	Reports the given boolean 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_INTEGER (value_string, value)	Reports the given integer 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_UINTeger (value_string, value)	Reports the given unsigned integer 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_FLOAT (value_string, value)	Reports the given floating point 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_CSTR (value_string, value)	Reports the given null-terminated string 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_CSTR_N (value_string, value, max_size)	Reports the given null-terminated string 'value' using 'value_string' for identification. Only first 'max_size' characters are reported.
CPPTTEST_POST_CONDITION_ENUM (scoped_enum_name, value_string, value)	Reports the given integral value as the enumeration identifier 'value_string' for identification. See Handling Enum Values for details.
CPPTTEST_POST_CONDITION_MEM_BUFFER (value_string, value, size)	Reports the given memory buffer 'value' using 'value_string' for identification. First 'size' bytes of the buffer are reported.
CPPTTEST_POST_CONDITION_PTR (value_string, value)	Reports the given pointer 'value' using 'value_string' for identification.
CPPTTEST_POST_CONDITION_EXTERNAL (value_string, program, param1, param2, param3)	Uses an external application to produce the value to be reported using 'value_string' for identification. Runs 'program' executable which receives three parameters (param1, param2, param3). Program stdout is used as a message to be reported.