

VectorCAST Coded Tests Support for Google Test

Version 1.0

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Abstract	Coded Tests Support for Google Test

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1 Overview

With the release of VectorCAST 2026, native support for GoogleTest and GoogleMock has been added. VectorCAST version 2026 supports the full GoogleTest feature set when creating, editing, and executing coded tests using the GoogleTest framework installed on your system, including TYPE tests, PARAM tests, and DEATH tests, as well as GoogleMock assertions such as EXPECT_CALL.

2 Use Case

VectorCAST version 2026 supports the full GoogleTest feature set when creating, editing, and executing coded tests using the GoogleTest framework installed on your system, including TYPE tests, PARAM tests, and DEATH tests, as well as GoogleMock assertions such as EXPECT_CALL.

A new Builder option is available to specify that you want to use the GoogleTest framework instead of the default vUnit framework, and this option is also presented in the Create New Environment Wizard for ease of use.

Users adding existing GoogleTest coded tests files should ensure the proper #includes are specified in the file(s):

```
#include <gtest/gtest.h>
```

and if appropriate:

```
#include <gmock/gmock.h>
```

```
clicast -lc option VCAST_CODED_TESTS_FRAMEWORK VUNIT | GOOGLETEST
```

3 Additional Resources

Some additional resources you may find helpful:

> [VectorCAST Product Page](#)

4 Trademarks

All mentioned names are either registered or unregistered trademarks of their respective owners.

5 Contacts

For a full list with all Vector locations and addresses worldwide, please visit <http://vector.com/contact/>.