

testing::Test

testing::WithParamInterface< int >

testing::TestWithParam< int >

TestGenerationTest

```
graph BT; TG[TestGenerationTest] --> TW[testing::TestWithParam< int >]; TW --> T[testing::Test]; TW --> WI[testing::WithParamInterface< int >];
```

The diagram illustrates the relationships between four classes in the Google Test framework. At the bottom is the `TestGenerationTest` class. It inherits from `testing::TestWithParam< int >`, which is positioned above it. The `testing::TestWithParam< int >` class, in turn, inherits from both `testing::Test` and `testing::WithParamInterface< int >`, which are positioned at the top of the diagram. Arrows point from the child classes to their parent classes, indicating the direction of inheritance.