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**unit**

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## Defines

### UNIT\_\_NOOP

unit.h - v0.0.6 - Simple header-only testing library for C - <https://github.com/eliasku/unit>

Minimal example. Compile executable with `-D UNIT_TESTING` to enable tests.

```
#define UNIT_MAIN
#include "unit.h"

suite( you_should_define_the_suite_name_here ) {
    describe( optionally_add_the_subject ) {
        it( "describe the test behaviour" ) {
            check("use warn / check / require functions");
        }
    }
}
```

By default all test code is stripped away, to enable test-code you should pass `-D UNIT_TESTING` and build executable

In any translation unit you need to `#define UNIT_MAIN` before `#include <unit.h>` to implement the library and generate default main entry-point to run all tests.

If you need just to implement library, you `#define UNIT_IMPLEMENT` before `include <unit.h>` in any single translation unit Declare default main arguments

`UNIT__CONCAT_(a, b)`

`UNIT__CONCAT(a, b)`

`UNIT_SUITE(Name, ...)`

`UNIT_DESCRIBE(Name, ...)`

`UNIT_TEST(Description, ...)`

`UNIT_ECHO(...)`

`UNIT_WARN(x, ...)`

`UNIT_WARN_FALSE(x, ...)`

**UNIT\_WARN\_EQ**(a, b, ...)  
**UNIT\_WARN\_NE**(a, b, ...)  
**UNIT\_WARN\_GT**(a, b, ...)  
**UNIT\_WARN\_GE**(a, b, ...)  
**UNIT\_WARN\_LT**(a, b, ...)  
**UNIT\_WARN\_LE**(a, b, ...)  
**UNIT\_CHECK**(x, ...)  
**UNIT\_CHECK\_FALSE**(x, ...)  
**UNIT\_CHECK\_EQ**(a, b, ...)  
**UNIT\_CHECK\_NE**(a, b, ...)  
**UNIT\_CHECK\_GT**(a, b, ...)  
**UNIT\_CHECK\_GE**(a, b, ...)  
**UNIT\_CHECK\_LT**(a, b, ...)  
**UNIT\_CHECK\_LE**(a, b, ...)  
**UNIT\_REQUIRE**(x, ...)  
**UNIT\_REQUIRE\_FALSE**(x, ...)  
**UNIT\_REQUIRE\_EQ**(a, b, ...)  
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**WARN\_EQ(...)**

**WARN\_NE(...)**

**WARN\_GT(...)**

**WARN\_GE(...)**

**WARN\_LT(...)**

**WARN\_LE(...)**

**CHECK(...)**

**CHECK\_FALSE(...)**

**CHECK\_EQ(...)**

**CHECK\_NE(...)**

**CHECK\_GT(...)**

**CHECK\_GE(...)**

**CHECK\_LT(...)**

**CHECK\_LE(...)**

**REQUIRE(...)**

**REQUIRE\_FALSE(...)**

**REQUIRE\_EQ(...)**

**REQUIRE\_NE(...)**

**REQUIRE\_GT(...)**

**REQUIRE\_GE(...)**

**REQUIRE\_LT(...)**

**REQUIRE\_LE(...)**

**SKIP(...)**



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