



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'Test::TypeTiny.3pm'***

**C:\>man Test::TypeTiny.3pm**

Test::TypeTiny(3pm)      User Contributed Perl Documentation      Test::TypeTiny(3pm)

### NAME

Test::TypeTiny - useful functions for testing the efficacy of type constraints

### SYNOPSIS

```
use strict;

use warnings;

use Test::More;

use Test::TypeTiny;

use Types::Misc qw(Integer Number);

should_pass(1, Integer);

should_pass(-1, Integer);

should_pass(0, Integer);

should_fail(2.5, Integer);

ok_subtype(Number, Integer);

done_testing;
```

### STATUS

This module is covered by the Type-Tiny stability policy.

### DESCRIPTION

Test::TypeTiny provides a few handy functions for testing type constraints.

#### Functions

"should\_pass(\$value, \$type, \$test\_name)"

"should\_pass(\$value, \$type)"

Test that passes iff \$value passes "\$type->check".

"should\_fail(\$value, \$type, \$test\_name)"

"should\_fail(\$value, \$type)"

Test that passes iff \$value fails "\$type->check".

"ok\_subtype(\$type, @subtypes)"

Test that passes iff all @subtypes are subtypes of \$type.

"EXTENDED\_TESTING"

Exportable boolean constant.

"matchfor(@things)"

Assistant for matching exceptions. Not exported by default. See also

Test::Fatal::matchfor.

## ENVIRONMENT

If the "EXTENDED\_TESTING" environment variable is set to true, this module will promote each "should\_pass" or "should\_fail" test into a subtest block and test the type constraint in both an inlined and non-inlined manner.

This variable must be set at compile time (i.e. before this module is loaded).

## BUGS

Please report any bugs to <<http://rt.cpan.org/Dist/Display.html?Queue=Type-Tiny>>.

## SEE ALSO

Type::Tiny.

For an alternative to "should\_pass", see Test::Deep::Type which will happily accept a Type::Tiny type constraint instead of a MooseX::Types one.

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## COPYRIGHT AND LICENCE

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