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

\$ 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 <<https://github.com/tobyink/p5-type-tiny/issues>>.

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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