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Rocky Enterprise Linux 9.2 Manual Pages on command 'Test2::Event::Generic.3perl'

\$ man Test2::Event::Generic.3perl

Test2::Event::Generic(3perl) Perl Programmers Reference Guide Test2::Event::Generic(3perl)

NAME

Test2::Event::Generic - Generic event type.

DESCRIPTION

This is a generic event that lets you customize all fields in the event API. This is useful if you have need for a custom event that does not make sense as a published reusable event subclass.

SYNOPSIS

```
use Test2::API qw/context/;

sub send_custom_fail {
    my $ctx = shift;

    $ctx->send_event('Generic', causes_fail => 1, summary => 'The sky is falling');

    $ctx->release;
}

send_custom_fail();
```

METHODS

```
$e->facet_data($data)
```

```
$data = $e->facet_data
```

Get or set the facet data (see `Test2::Event`). If no `facet_data` is set then

"`Test2::Event->facet_data`" will be called to produce facets from the other data.

```
$e->callback($hub)
```

Call the custom callback if one is set, otherwise this does nothing.

```
$e->set_callback(sub { ... })
```

Set the custom callback. The custom callback must be a coderef. The first argument to your callback will be the event itself, the second will be the `Test2::Event::Hub` that is using the callback.

```
$bool = $e->causes_fail
```

```
$e->set_causes_fail($bool)
```

Get/Set the "causes_fail" attribute. This defaults to 0.

```
$bool = $e->diagnostics
```

```
$e->set_diagnostics($bool)
```

Get/Set the "diagnostics" attribute. This defaults to 0.

```
$bool_or_undef = $e->global
```

```
@bool_or_empty = $e->global
```

```
$e->set_global($bool_or_undef)
```

Get/Set the "diagnostics" attribute. This defaults to an empty list which is undef in scalar context.

```
$bool = $e->increments_count
```

```
$e->set_increments_count($bool)
```

Get/Set the "increments_count" attribute. This defaults to 0.

```
$bool = $e->no_display
```

`$e->set_no_display($bool)`

Get/Set the "no_display" attribute. This defaults to 0.

`@plan = $e->sets_plan`

Get the plan if this event sets one. The plan is a list of up to 3 items: "(\$count, \$directive, \$reason)". \$count must be defined, the others may be undef, or may not exist at all.

`$e->set_sets_plan(\@plan)`

Set the plan. You must pass in an arrayref with up to 3 elements.

`$summary = $e->summary`

`$e->set_summary($summary_or_undef)`

Get/Set the summary. This will default to the event package 'Test2::Event::Generic'. You can set it to any value. Setting this to "undef" will reset it to the default.

`$int_or_undef = $e->terminate`

`@int_or_empty = $e->terminate`

`$e->set_terminate($int_or_undef)`

This will get/set the "terminate" attribute. This defaults to undef in scalar context, or an empty list in list context. Setting this to undef will clear it completely. This must be set to a positive integer (0 or larger).

SOURCE

The source code repository for Test2 can be found at <http://github.com/Test-More/test-more/>.

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