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Rocky Enterprise Linux 9.2 Manual Pages on command 'Test2::Event::V2.3perl'

\$ man Test2::Event::V2.3perl

Test2::Event::V2(3perl) Perl Programmers Reference Guide Test2::Event::V2(3perl)

NAME

Test2::Event::V2 - Second generation event.

DESCRIPTION

This is the event type that should be used instead of Test2::Event or its legacy subclasses.

SYNOPSIS

USING A CONTEXT

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

sub my_tool {
    my $ctx = context();

    my $event = $ctx->send_ev2(info => [{tag => 'NOTE', details => "This is a note"}]);

    $ctx->release;

    return $event;
}
```

USING THE CONSTRUCTOR

```
use Test2::Event::V2;

my $e = Test2::Event::V2->new(
    trace => {frame => [$PKG, $FILE, $LINE, $SUBNAME]},
    info => [{tag => 'NOTE', details => "This is a note"}],
);
```

METHODS

This class inherits from Test2::Event.

```
$fd = $e->facet_data()
```

This will return a hashref of facet data. Each facet hash will be a shallow copy of the original.

```
$about = $e->about()
```

This will return the 'about' facet hashref.

NOTE: This will return the internal hashref, not a copy.

```
$trace = $e->trace()
```

This will return the 'trace' facet, normally blessed (but this is not enforced when the trace is set using "set_trace()").

NOTE: This will return the internal trace, not a copy.

MUTATION

```
$e->add_amnesty({...})
```

Inherited from Test2::Event. This can be used to add 'amnesty' facets to an existing event. Each new item is added to the END of the list.

NOTE: Items ARE blessed when added.

`$e->add_hub({...})`

Inherited from `Test2::Event`. This is used by hubs to stamp events as they pass through. New items are added to the START of the list.

NOTE: Items ARE NOT blessed when added.

`$e->set_uuid($UUID)`

Inherited from `Test2::Event`, overridden to also vivify/mutate the 'about' facet.

`$e->set_trace($trace)`

Inherited from `Test2::Event` which allows you to change the trace.

Note: This method does not bless/clone the trace for you. Many things will expect the trace to be blessed, so you should probably do that.

LEGACY SUPPORT METHODS

These are all imported from `Test2::Util::Facets2Legacy`, see that module or `Test2::Event` for documentation on what they do.

`causes_fail`

`diagnostics`

`global`

`increments_count`

`no_display`

`sets_plan`

`subtest_id`

`summary`

`terminate`

THIRD PARTY META-DATA

This object consumes `Test2::Util::ExternalMeta` which provides a consistent way for you to attach meta-data to instances of this class. This is useful for tools, plugins, and other extensions.

SOURCE

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

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