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Rocky Enterprise Linux 9.2 Manual Pages on command 'Test2::Util::ExternalMeta.3perl'

\$ man Test2::Util::ExternalMeta.3perl

Test2::Util::ExternalMeta(3perl) Perl Programmers Reference GuideTest2::Util::ExternalMeta(3perl)

NAME

Test2::Util::ExternalMeta - Allow third party tools to safely attach meta-data to your instances.

DESCRIPTION

This package lets you define a clear, and consistent way to allow third party tools to attach meta-data to your instances. If your object consumes this package, and imports its methods, then third party meta-data has a safe place to live.

SYNOPSIS

```
package My::Object;

use strict;

use warnings;

use Test2::Util::ExternalMeta qw/meta get_meta set_meta delete_meta/;

...
```

Now to use it:

```
my $inst = My::Object->new;
```

```
$inst->set_meta(foo => 'bar');  
my $val = $inst->get_meta('foo');
```

WHERE IS THE DATA STORED?

This package assumes your instances are blessed hashrefs, it will not work if that is not true. It will store all meta-data in the "_meta" key on your objects hash. If your object makes use of the "_meta" key in its underlying hash, then there is a conflict and you cannot use this package.

EXPORTS

```
$val = $obj->meta($key)
```

```
$val = $obj->meta($key, $default)
```

This will get the value for a specified meta \$key. Normally this will return "undef" when there is no value for the \$key, however you can specify a \$default value to set when no value is already set.

```
$val = $obj->get_meta($key)
```

This will get the value for a specified meta \$key. This does not have the \$default overhead that "meta()" does.

```
$val = $obj->delete_meta($key)
```

This will remove the value of a specified meta \$key. The old \$val will be returned.

```
$obj->set_meta($key, $val)
```

Set the value of a specified meta \$key.

META-KEY RESTRICTIONS

Meta keys must be defined, and must be true when used as a boolean. Keys may not be references. You are free to stringify a reference "\$ref" for use as a key, but this package will not stringify it for you.

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

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Test2::Util::ExternalMeta(3perl)