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Rocky Enterprise Linux 9.2 Manual Pages on command 'TAP::Object.3perl'

\$ man TAP::Object.3perl

TAP::Object(3perl) Perl Programmers Reference Guide TAP::Object(3perl)

NAME

TAP::Object - Base class that provides common functionality to all "TAP::*" modules

VERSION

Version 3.43

SYNOPSIS

```
package TAP::Whatever;

use strict;

use base 'TAP::Object';

# new() implementation by TAP::Object
sub _initialize {
    my ( $self, @args ) = @_;
    # initialize your object
    return $self;
}

# ... later ...
```

```
my $obj = TAP::Whatever->new(@args);
```

DESCRIPTION

"TAP::Object" provides a default constructor and exception model for all "TAP::*" classes.

Exceptions are raised using Carp.

METHODS

Class Methods

"new"

Create a new object. Any arguments passed to "new" will be passed on to the "_initialize" method. Returns a new object.

Instance Methods

"_initialize"

Initializes a new object. This method is a stub by default, you should override it as appropriate.

Note: "new" expects you to return \$self or raise an exception. See "_croak", and Carp.

"_croak"

Raise an exception using "croak" from Carp, eg:

```
$self->_croak( 'why me?', 'aaarrgh!' );
```

May also be called as a class method.

```
$class->_croak( 'this works too' );
```

"_confess"

Raise an exception using "confess" from Carp, eg:

```
$self->_confess( 'why me?', 'aaarrgh!' );
```

May also be called as a class method.

```
$class->_confess( 'this works too' );
```

"_construct"

Create a new instance of the specified class.

"mk_methods"

Create simple getter/setters.

```
__PACKAGE__->mk_methods(@method_names);
```