

## NAME

TAP::Formatter::Base - Base class for harness output delegates

## VERSION

Version 3.23

## DESCRIPTION

This provides console orientated output formatting for TAP::Harness.

## SYNOPSIS

```
use TAP::Formatter::Console;
my $harness = TAP::Formatter::Console->new( \%args );
```

## METHODS

### Class Methods

#### new

```
my %args = (
    verbose => 1,
)
my $harness = TAP::Formatter::Console->new( \%args );
```

The constructor returns a new `TAP::Formatter::Console` object. If a `TAP::Harness` is created with no formatter a `TAP::Formatter::Console` is automatically created. If any of the following options were given to `TAP::Harness->new` they will be passed to this constructor which accepts an optional hashref whose allowed keys are:

\* `verbosity`

Set the verbosity level.

\* `verbose`

Printing individual test results to STDOUT.

\* `timer`

Append run time for each test to output. Uses `Time::HiRes` if available.

\* `failures`

Show test failures (this is a no-op if `verbose` is selected).

\* `comments`

Show test comments (this is a no-op if `verbose` is selected).

\* `quiet`

Suppressing some test output (mostly failures while tests are running).

\* `really_quiet`

Suppressing everything but the tests summary.

\* `silent`

Suppressing all output.

\* `errors`

If parse errors are found in the TAP output, a note of this will be made in the summary report. To see all of the parse errors, set this argument to true:

```
errors => 1
```

**\* directives**

If set to a true value, only test results with directives will be displayed. This overrides other settings such as `verbose`, `failures`, or `comments`.

**\* stdout**

A filehandle for catching standard output.

**\* color**

If defined specifies whether color output is desired. If `color` is not defined it will default to color output if color support is available on the current platform and output is not being redirected.

**\* jobs**

The number of concurrent jobs this formatter will handle.

**\* show\_count**

Boolean value. If false, disables the X/Y test count which shows up while tests are running.

Any keys for which the value is `undef` will be ignored.

**prepare**

Called by `Test::Harness` before any test output is generated.

This is an advisory and may not be called in the case where tests are being supplied to `Test::Harness` by an iterator.

**open\_test**

Called to create a new test session. A test session looks like this:

```
my $session = $formatter->open_test( $test, $parser );
while ( defined( my $result = $parser->next ) ) {
    $session->result($result);
    exit 1 if $result->is_bailout;
}
$session->close_test;
```

**summary**

```
$harness->summary( $aggregate );
```

`summary` prints the summary report after all tests are run. The first argument is an aggregate to summarise. An optional second argument may be set to a true value to indicate that the summary is being output as a result of an interrupted test run.