

**NAME**

App::Prove::State::Result - Individual test suite results.

**VERSION**

Version 3.30

**DESCRIPTION**

The `prove` command supports a `--state` option that instructs it to store persistent state across runs. This module encapsulates the results for a single test suite run.

**SYNOPSIS**

```
# Re-run failed tests
$ prove --state=failed,save -rbv
```

**METHODS****Class Methods***new*

```
my $result = App::Prove::State::Result->new({
    generation => $generation,
    tests => \%tests,
});
```

Returns a new [App::Prove::State::Result](#) instance.

*state\_version*

Returns the current version of state storage.

*test\_class*

Returns the name of the class used for tracking individual tests. This class should either subclass from [App::Prove::State::Result::Test](#) or provide an identical interface.

*generation*

Getter/setter for the “generation” of the test suite run. The first generation is 1 (one) and subsequent generations are 2, 3, etc.

*last\_run\_time*

Getter/setter for the time of the test suite run.

*tests*

Returns the tests for a given generation. This is a hashref or a hash, depending on context called. The keys to the hash are the individual test names and the value is a hashref with various interesting values. Each k/v pair might resemble something like this:

```
't/foo.t' => {
    elapsed => '0.0428488254547119',
    gen => '7',
    last_pass_time => '1219328376.07815',
    last_result => '0',
    last_run_time => '1219328376.07815',
    last_todo => '0',
    mtime => '1191708862',
    seq => '192',
    total_passes => '6',
}
```

*test*

```
my $test = $result->test('t/customer/create.t');
```

Returns an individual [App::Prove::State::Result::Test](#) instance for the given test name (usually the filename). Will return a new [App::Prove::State::Result::Test](#) instance if the

name is not found.

*test\_names*

Returns an list of test names, sorted by run order.

*remove*

```
$result->remove($test_name); # remove the test  
my $test = $result->test($test_name); # fatal error
```

Removes a given test from results. This is a no-op if the test name is not found.

*num\_tests*

Returns the number of tests for a given test suite result.

*raw*

Returns a hashref of raw results, suitable for serialization by YAML.