

## NAME

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

## VERSION

Version 3.23

## 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=fail,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.