

## NAME

TAP::Parser::Iterator::Process - Iterator for process-based TAP sources

## VERSION

Version 3.38

## SYNOPSIS

```
use TAP::Parser::Iterator::Process;
my %args = (
    command => ['python', 'setup.py', 'test'],
    merge   => 1,
    setup   => sub { ... },
    teardown => sub { ... },
);
my $it     = TAP::Parser::Iterator::Process->new(\%args);
my $line   = $it->next;
```

## DESCRIPTION

This is a simple iterator wrapper for executing external processes, used by *TAP::Parser*. Unless you're writing a plugin or subclassing, you probably won't need to use this module directly.

## METHODS

### Class Methods

#### **new**

Create an iterator. Expects one argument containing a hashref of the form:

```
command => \@command_to_execute
merge   => $attempt_merge_stderr_and_stdout?
setup   => $callback_to_setup_command
teardown => $callback_to_teardown_command
```

Tries to uses *IPC::Open3* & *IO::Select* to communicate with the spawned process if they are available. Falls back onto `open()`.

### Instance Methods

#### **next**

Iterate through the process output, of course.

#### **next\_raw**

Iterate raw input without applying any fixes for quirky input syntax.

#### **wait**

Get the wait status for this iterator's process.

#### **exit**

Get the exit status for this iterator's process.

#### **handle\_unicode**

Upgrade the input stream to handle UTF8.

#### **get\_select\_handles**

Return a list of filehandles that may be used upstream in a `select()` call to signal that this Iterator is ready. Iterators that are not handle based should return an empty list.

**ATTRIBUTION**

Originally ripped off from *Test::Harness*.

**SEE ALSO**

*TAP::Object*, *TAP::Parser*, *TAP::Parser::Iterator*,