

Ruby 1.8 - Bug #1555

Inaccessible 'io' parameter in Test::Unit::UI::Console::TestRunner.initialize(x,y,io)

06/02/2009 03:52 PM - howardk (Howard Kapustein)

Status:	Rejected
Priority:	Normal
Assignee:	
Target version:	Ruby 1.8.6
ruby -v:	ruby 1.8.6 (2007-09-24 patchlevel 111) [i386-mswin32]

Description

=begin

Console::TestRunner supports an io parameter to send output to an IO object, but Autorunner has no way to control it!

test/unit/ui/console/testrunner.rb contains the Test::Unit::UI::Console::TestRunner class with a 3-param initializer

But Test::Unit::AutoRunner has no option to specify an alternative destination for io,

and even if it did, run is only called with 2 parameters!

I need to redirect test output to a file, and the console testrunner supports this, but the autorunner machinery doesn't use it. The fix is simple, but requires 2 files to change.

Console::TestRunner defines a 3rd, optional 'io' parameter, obviously meant to support redirecting output to an arbitrary io object. The autorunner machinery is fine for me (I don't need a whole custom autorunner), but needs an option to direct output elsewhere (e.g. a file). I added a new attribute, output_io, set via the new --output option, and the critical change

```
def run
```

```
...
```

```
result.run(@suite, @output_level).passed?
```

```
end
```

```
to
```

```
result.run(@suite, @output_level, @output_io).passed?
```

But run calls the TestRunner thru Test::Unit::UI::run() - we need to alter test/unit/ui/testrunnerutilities.rb to accept this 3rd parm and pass it along, i.e. change

```
def run(suite, output_level=NORMAL)
```

```
return new(suite, output_level).start
```

```
end
```

```
to
```

```
def run(suite, output_level=NORMAL, io=STDOUT)
```

```
return new(suite, output_level, io).start
```

```
end
```

I've attached modified files, diff against 1.8.6 to see the exact changes.

I don't see how Console TestRunner's io parameter is accessible - w/o writing a custom AutoRunner, just to control this one option. A heavyweight solution with ugly maintenance and sync implications. But if I've missed something, by all means, please point it out.

```
=end
```

History

#1 - 11/28/2009 08:48 AM - ujihisa (Tatsuhiko Ujihisa)

- Status changed from Open to Assigned

- Assignee set to zenspider (Ryan Davis)

```
=begin
```

```
=end
```

#2 - 07/16/2011 07:19 AM - zenspider (Ryan Davis)

- Status changed from Assigned to Open

- Assignee deleted (zenspider (Ryan Davis))

I don't maintain test/unit.

You might prefer to try minitest, which already supports an io object.

#3 - 07/16/2011 10:38 PM - naruse (Yui NARUSE)

- Status changed from Open to Rejected

- Priority changed from 5 to Normal

1.8 is dying; use 1.9.

Files

autorunner.rb	7.23 KB	06/02/2009	howardk (Howard Kapustein)
testrunnerutilities.rb	1.19 KB	06/02/2009	howardk (Howard Kapustein)