

Ruby - Feature #4778

IO#each_chomped

05/25/2011 11:06 PM - yimutang (Joey Zhou)

| | | |
|---|---------------------------|--|
| Status: | Rejected | |
| Priority: | Normal | |
| Assignee: | matz (Yukihiro Matsumoto) | |
| Target version: | | |
| Description When manipulating text files, mostly, the input record separator(saying "\n") is scrap and will be chomped. I suggest a method IO#each_chomped directly yielding the record with input record separator chomped. Laziness is a virtue.. Joey | | |

History

#1 - 05/25/2011 11:11 PM - rosenfeld (Rodrigo Rosenfeld Rosas)

I wouldn't say this is about laziness, but about code readability. I agree this is a common use, but doesn't each_line already do that?

#2 - 05/25/2011 11:43 PM - yimutang (Joey Zhou)

Rodrigo Rosenfeld Rosas wrote:

I wouldn't say this is about laziness, but about code readability. I agree this is a common use, but doesn't each_line already do that?

No, #each_line is just a synonym of #each.

#3 - 05/26/2011 12:05 AM - rosenfeld (Rodrigo Rosenfeld Rosas)

Yes, I was confused by the fact that puts already chops the argument...

#4 - 06/03/2011 09:22 AM - naruse (Yui NARUSE)

- Status changed from Open to Assigned

- Assignee set to matz (Yukihiro Matsumoto)

#5 - 06/08/2011 05:08 PM - headius (Charles Nutter)

Trivial Ruby impl...

```
class IO
  def each_chomped
    each {|x| yield x.chomp!}
  end
end
```

Of course if you don't mind the whole file being read into memory:

```
io.each.map(&:chomp).each { ...
```

Might be a way to pipeline that without reading into memory.

#6 - 06/09/2011 12:54 AM - josb (Jos Backus)

Charles, shouldn't

```
x.chomp!
```

```
be
```

```
x.chomp
```

in the above code? x.chomp! can return nil.

#7 - 06/09/2011 06:53 AM - headius (Charles Nutter)

Yeah, probably...or it should be `x.chomp!`; `yield x`

My intent was to avoid creating a useless transient object.

- Charlie (mobile)

On Jun 8, 2011, at 10:54, Jos Backus jos@catnook.com wrote:

Issue [#4778](#) has been updated by Jos Backus.

Charles, shouldn't

`x.chomp!`

be

`x.chomp`

in the above code? `x.chomp!` can return nil.

Feature [#4778](#): `IO#each_chomped`
<http://redmine.ruby-lang.org/issues/4778>

Author: Joey Zhou
Status: Assigned
Priority: Normal
Assignee: Yukihiro Matsumoto
Category:
Target version:

When manipulating text files, mostly, the input record separator(saying `"\n"`) is scrap and will be chomped.

I suggest a method `IO#each_chomped` directly yielding the record with input record separator chomped.

Laziness is a virtue..

Joey

--

<http://redmine.ruby-lang.org>

#8 - 07/01/2012 07:32 AM - Eregon (Benoit Daloze)

- File *feature4778.pdf* added

Attached one-minute slide for this proposal.

I think the name might still be matter of discussion (it could maybe even be an option of `#each_line`), but it would be interesting to get the general idea evaluated.

#9 - 07/02/2012 02:38 AM - mame (Yusuke Endoh)

Received, thank you!

I missed (or forgot) this feature request, but I love it.
Thank you putting this in the spotlight!

--

Yusuke Endoh mame@tsg.ne.jp

#10 - 07/02/2012 03:15 AM - trans (Thomas Sawyer)

How about just `each_chomp(str="\n")` ?

#11 - 07/23/2012 11:25 PM - mame (Yusuke Endoh)

- Status changed from *Assigned* to *Rejected*

Benoit Daloze,

Sorry but this proposal was rejected at the developer meeting (7/21).

Both feature itself and name are not so bad.
But the reason it was rejected is fear of endless similar proposals.

So, please start it as a gem.
Matz might reconsider it if your gem really becomes widely used.

--
Yusuke Endoh mame@tsg.ne.jp

Files

| | | | |
|-----------------|---------|------------|------------------------|
| feature4778.pdf | 56.3 KB | 07/01/2012 | Eregon (Benoit Daloze) |
|-----------------|---------|------------|------------------------|