Use outbufs in FileUtils.compare_stream

09/19/2011 06:01 PM - Glass_saga (Masaki Matsushita)

Status: Closed
Priority: Normal
Assignee: 
Target version: 2.0.0

Description

I propose using outbufs in FileUtils.compare_stream.
It will increase performance.

I executed the following code to performance test.

```ruby
require 'fileutils'
require "stringio"
str = "hoge" * 10000000
a = StringIO.new(str)
b = StringIO.new(str)
FileUtils.compare_stream(a, b)
```

The following are results of time command.

present compare_stream:

```
1.27s user 0.69s system 96% cpu 2.036 total
1.38s user 0.69s system 96% cpu 2.152 total
1.12s user 0.24s system 98% cpu 1.379 total
```

patched compare_stream:

```
0.70s user 0.43s system 97% cpu 1.158 total
0.72s user 0.27s system 98% cpu 1.010 total
0.62s user 0.28s system 98% cpu 0.915 total
```

Patched ruby passes tests in test/fileutils.

Associated revisions

Revision 6ec841b2 - 09/19/2011 10:34 AM - ayumin (Ayumu AIZAWA)

- lib/fileutils.rb (module FileUtils): improve performance of FileUtils.compare_stream. a patch by Masaki Matsushita. [Feature #5337] [ruby-core:39622]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33297 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 33297 - 09/19/2011 10:34 AM - ayumin (Ayumu AIZAWA)

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37465 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History
#1 - 09/19/2011 07:34 PM - ayumin (Ayumu AIZAWA)
- Status changed from Open to Closed
- % Done changed from 0 to 100

03/16/2020
This issue was solved with changeset r33297.
Masaki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- lib/fileutils.rb (module FileUtils): improve performance of FileUtils.compare_stream. a patch by Masaki Matsushita. [Feature #5337]
  [ruby-core:39622]

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<thead>
<tr>
<th>Files</th>
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<tr>
<td>patch.diff</td>
<td>646 Bytes</td>
<td>09/19/2011</td>
<td>Glass_saga (Masaki Matsushita)</td>
</tr>
</tbody>
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