

## Array#pack is broken for long strings in buffer

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Target version:</b>		
<b>ruby -v:</b>		
		<b>Backport:</b> 2.7: REQUIRED, 3.0: REQUIRED, 3.1: DONE

Array#pack is broken for long strings in the buffer.

[illegible]

```
# => <internal:pack>:144:in `pack': can't set length of shared string (RuntimeError)
from (irb):6:in `<main>'
from /opt/rubies/3.1.2/lib/ruby/gems/3.1.0/gems/irb-1.4.1/exe/irb:11:in `<top (required)>'
from /opt/rubies/3.1.2/bin/irb:25:in `load'
from /opt/rubies/3.1.2/bin/irb:25:in `<main>'
```

Revision 199b59f065ce6f1c13b8424f35a70c513523211b - 11/10/2022 02:26 PM - jemmai (Jemma Issroff)

If string literals are long and they become shared, we need to make them independent before we can write to them. [Bug #19116]

Revision 199b59f065ce6f1c13b8424f35a70c513523211b - 11/10/2022 02:26 PM - jemmai (Jemma Issroff)

## Fix bug in array pack with shared strings

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Revision 199b59f0 - 11/10/2022 02:26 PM - jemmai (Jemma Issroff)

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Revision db1aa39ffcaa5b9f062639eb30c76959f4607a8e - 11/13/2022 02:13 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 199b59f065ce6f1c13b8424f35a70c513523211b: [Backport #19116]

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pack.c          | 1 +
test/ruby/test_array.rb | 6 +++++
2 files changed, 7 insertions(+)
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#### Revision db1aa39f - 11/13/2022 02:13 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 199b59f065ce6f1c13b8424f35a70c513523211b: [Backport #19116]

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## History

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### #1 - 11/09/2022 10:16 PM - peterzhu2118 (Peter Zhu)

- Backport changed from 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN to 2.7: REQUIRED, 3.0: REQUIRED, 3.1: REQUIRED

### #2 - 11/09/2022 10:17 PM - jemmai (Jemma Issroff)

Fix is in [this PR](#)

### #3 - 11/10/2022 03:11 PM - jemmai (Jemma Issroff)

- Status changed from Open to Closed

Applied in changeset [git|199b59f065ce6f1c13b8424f35a70c513523211b](#).

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### #4 - 11/13/2022 02:24 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.7: REQUIRED, 3.0: REQUIRED, 3.1: REQUIRED to 2.7: REQUIRED, 3.0: REQUIRED, 3.1: DONE

ruby\_3\_1 db1aa39ffcaa5b9f062639eb30c76959f4607a8e merged revision(s) 199b59f065ce6f1c13b8424f35a70c513523211b.