

## Pack missing directives for signed types with specified byte-order

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	1.9.3

=begin

The `Array#pack` and `String#unpack` have some directives where the byte-order is specified ("little endian" or "network order"), for unsigned long and for unsigned short. But when it comes to signed long and signed short there is no way to specify byte order, you can only use the platform-dependent directives.

<http://perldoc.perl.org/perlpacktut.html#Byte-order-modifiers> mentions Perl 5.9.2 supporting ">" and "<" to specify byte order for the directives that usually use the platform-dependent order. That seems like a solution! The documentation at <http://search.cpan.org/~dapm/perl-5.10.1/pod/perlfunc.pod#pack> may be easier to read.

The docs for Ruby 1.9 still seem to miss this feature. Also the 'N' and 'V' directives operate on unsigned longs, which I think is not clear from the documentation. For all the platform-dependent formats cCsSillL it has pairs like "Unsigned long" and "Long" (which is then signed), but for the platform-indepedent suddenly "Long" means "Unsigned long" (applies to formats nNvV). I think that is confusing.

```
=end
```

Related to Ruby - Feature #4084: pack should support 64bit network byte order...	Closed	11/24/2010
Has duplicate Ruby - Feature #3947: Array#pack[#####]</>[]	Closed	10/14/2010

Revision 5825359dd87a26d5daf7a604583baa0ab48cc543 - 10/14/2010 01:12 PM - naruse (Yui NARUSE)

- git-svn-id: [svn+ssh://ci.ruby-lang.org/ruby/trunk@29496](https://ci.ruby-lang.org/ruby/trunk@29496) b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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## History

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### #1 - 10/14/2010 10:17 PM - naruse (Yui NARUSE)

- *Status changed from Open to Closed*

=begin

This issue was solved with changeset r29496.

Yui, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

=end

### #2 - 10/15/2010 07:13 AM - naruse (Yui NARUSE)

- *Target version set to 1.9.3*

=begin

Sorry for late response.

Your point is right and it's a new feature.

I add it and it will be available in Ruby 1.9.3.

=end