

Ruby master - Feature #10726

[PATCH 4/4] * New methods: Set#power

01/10/2015 01:22 AM - gogotanaka (Kazuki Tanaka)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
Hi, there.	
Here are 4 patches.	
<pre>implement_set#power.patch ... Implement Set#power update_test_set.rb.patch ... Add tests for Set#power update_NEWS.patch ... Update NEWS for Set#power fix_indent_NEWS.patch ... Adjustment indent of NEWS</pre>	
take your time.	
gogo.	

History

#1 - 01/27/2015 02:25 AM - gogotanaka (Kazuki Tanaka)

ping

#2 - 01/27/2015 02:30 AM - sorah (Sorah Fukumori)

- Write description of your proposal in the ticket.
- What is your use case?
- I think there's no need to split patches for same purpose... at this case patch except the last one should be one patch file.

#3 - 01/27/2015 04:09 PM - marcandre (Marc-Andre Lafortune)

Moreover, the implementation could be improved.
powerset or power_set would be a more appropriate name.

I don't see myself ever using this and also wonder who would and in what circumstances.

#4 - 01/27/2015 05:38 PM - gogotanaka (Kazuki Tanaka)

@ Shota Fukumori, @Marc-Andre Lafortune

- Write description of your proposal in the ticket.

Implement method which returns set of all subsets of +self+.

- What is your use case?

I don't see myself ever using this and also wonder who would and in what circumstances.

As for me it was necessary for solving some combinational problem or optimization.
I believe power set is essential with collection of unordered values with no duplicates.

But if you guys think It isn't worth it, I'm ok in that case.

- I think there's no need to split patches for same purpose... at this case patch except the last one should be one patch file.

powerset or power_set would be a more appropriate name.

OK I'm gonna resend patch in doing so.

#5 - 01/27/2015 05:49 PM - gogotanaka (Kazuki Tanaka)

- File `implement_set_powerset.patch` added

#6 - 01/28/2015 07:48 AM - radan (Radan Skorić)

It is a well defined mathematical operation but it seems to me it has a very narrow usage.

IMHO, maybe such functionality would fit better in a separate gem. There are other well defined mathematical set operations and if they all ended up on standard Set, it would get pretty bloated.

Files

<code>implement_set#power.patch</code>	1007 Bytes	01/10/2015	gogotanaka (Kazuki Tanaka)
<code>update_test_set.rb.patch</code>	838 Bytes	01/10/2015	gogotanaka (Kazuki Tanaka)
<code>update_NEWS.patch</code>	672 Bytes	01/10/2015	gogotanaka (Kazuki Tanaka)
<code>fix_indent_NEWS.patch</code>	888 Bytes	01/10/2015	gogotanaka (Kazuki Tanaka)
<code>implement_set_powerset.patch</code>	1.96 KB	01/27/2015	gogotanaka (Kazuki Tanaka)