Ruby - Feature #8350

Extending `%{}` notation in string to accept an array

05/01/2013 02:09 AM - sawa (Tsuyoshi Sawada)

Status:	Rejected
Priority:	Normal
Assignee:	
Target version:	

Description

=begin
String#% accepts a hash as an argument and interpolates the values into %{}-notated portions of the string:

```
"%{b} said %{a} to %{c}" % {a: "Foo", b: "Bar", c: "Baz"}        #=> "Bar said Foo to Baz"
```

I would like to have it allow an array as well, where the %{}-notation has indices:

```
"%{1} said %{0} to %{2}" % ["Foo", "Bar", "Baz"]        #=> "Bar said Foo to Baz"
```

Of course, since the %{} notation interprets its content as a symbol, the following should also work:

```
"%{1} said %{0} to %{2}" % {:"0" => "Foo", :"1" => "Bar", :"2" => "Baz"}        #=> "Bar said Foo
to Baz"
```

but that would not cause any conflict.
There is also a different usage of String#% with an array argument like this:

```
"%-5s: %08x" % [ "ID", self.object_id ]   #=> "ID   : 200e14d6"
```

but that does not allow the array elements to appear in the string in an order different from as is in the array. The proposed feature is distinct from this, and adds flexibility.
=end

History

#1 - 05/01/2013 06:16 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

sawa (Tsuyoshi Sawada) wrote:

> but that would not cause any conflict.
> There is also a different usage of String#% with an array argument like this:
>
> ```
> "%-5s: %08x" % [ "ID", self.object_id ]   #=> "ID   : 200e14d6"
> ```
>
> but that does not allow the array elements to appear in the string in an order different from as is in the array. The proposed feature is distinct from this, and adds flexibility.

It does allow.

"%2$-5s: %1$08x" % [self.object_id, "ID"] #=> "ID   : 200e14d6"