

Ruby master - Feature #8827

A method that flips the receiver and the first argument

08/28/2013 01:18 PM - sawa (Tsuyoshi Sawada)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
<pre>=begin If it often happens that we need to pass to a method an argument that is the result of a long chain of operations: Hash[some_chain_of_operations_that_ends_up_with_an_array] File.read(some_chain_of_operations_that_ends_up_with_a_string) YAML.dump(some_chain_of_operations_that_ends_up_with_an_object) ... I believe one basic tenet of Ruby is to encourage method chaining, but that practice is discouraged in the examples above. It would be convenient if there is a method (let us call this Object#flip) that flips the receiver and the first argument and sends the method so that the examples above can be written as follows: some_chain_of_operations_that_ends_up_with_an_array.flip(Hash, :[]) some_chain_of_operations_that_ends_up_with_a_string.flip(File, :read) some_chain_of_operations_that_ends_up_with_an_object.flip(YAML, :dump) ... The implementation in Ruby may be as follows: class Object def flip receiver, method, *rest, &pr receiver.send(method, self, *rest, &pr) end end It would be good if we can have that as a built-in Ruby method. =end</pre>	

History

#1 - 08/28/2013 01:30 PM - nobu (Nobuyoshi Nakada)

```
=begin
You can write as:

some_chain_of_operations_that_ends_up_with_an_array.tap {|ary| Hash[ary]}
some_chain_of_operations_that_ends_up_with_a_string.tap {|path| File.read(path)}
some_chain_of_operations_that_ends_up_with_an_object.tap {|obj| YAML.dump(obj)}
=end
```

#2 - 08/28/2013 01:35 PM - sawa (Tsuyoshi Sawada)

nobu, I think you mean `tap{|ary| break ...}`, etc. That does not look concise enough for me. It might look like a small difference, but it makes huge difference when you are in the middle of a chain. It saves you from thinking extra things.

#3 - 08/28/2013 01:38 PM - charliesome (Charlie Somerville)

```
=begin
```

```
some_chain_of_operations_that_ends_up_with_an_array.tap(&Hash.method(:[]))
```

```
=end
```

#4 - 08/28/2013 01:48 PM - sawa (Tsuyoshi Sawada)

charliesome, that has the same problem as nobu's. It does not return the final result. It gives back the receiver.

#5 - 08/29/2013 05:59 AM - alexeymuranov (Alexey Muranov)

I think this request is mostly a duplicate of [#6721](#).