


```

#
# without `do`
def sum(lst, mem=0)
  return mem if lst.empty?
  sum(lst.drop(1), mem+lst.first)
end

sum [*1..5], 5 # => 20

# or

def sum(lst, mem=0)
  return mem if lst.empty?
  fst, *tail = lst
  sum(tail, mem+fst)
end

# with `do`
def sum(lst, mem=0)
  return mem if lst.empty?
  lst.do { |fst, *tail| sum(tail, mem+fst) }
end

sum2 [*1..5], 5 # => 20

```

BasicObject#instance_eval works for the above, but it not appropriate for them.

```

BasicObject#instance_eval

```

Thank you for your consideration.
=end

Related issues:

- Related to Ruby master - Feature #6721: Object#yield_self **Closed**
- Has duplicate Ruby master - Feature #12760: Optional block argument for `itself` **Closed**

History

#1 - 07/04/2012 04:17 PM - nobu (Nobuyoshi Nakada)

something.do do end seems messy a little.
something.do do end.....

#2 - 07/04/2012 04:32 PM - knu (Akinori MUSHASHI)

I'm afraid do might be a bit too bold choice for a Kernel method. (DBI has a do method for example)
You can use tap for now, like result = object.tap { |o| break f(o) }.

Speaking of which, I've always felt that it would be nice if object.{ ... } was a shorthand for object.instance_eval { ... }, but I can't think of a do-end counterpart for that.

#3 - 07/04/2012 09:33 PM - merborne (kyo endo)

nobu (Nobuyoshi Nakada) wrote:
something.do do end seems messy a little.

Yes. something.do do end is messy. I'm happy if something.do end works.. I agree the name is not good.

#4 - 07/04/2012 09:43 PM - merborne (kyo endo)

knu (Akinori MUSHASHI) wrote:
You can use tap for now, like result = object.tap { |o| break f(o) }.

great alternative!
I'm satisfied with this. Thank you.

#5 - 07/08/2012 09:47 AM - sorah (Sorah Fukumori)

- *Status changed from Open to Rejected*

No problem to reject?

#6 - 07/08/2012 05:16 PM - merborne (kyo endo)

sorah (Shota Fukumori) wrote:

No problem to reject?

no problem. thank you.

#7 - 11/20/2015 06:04 PM - nobu (Nobuyoshi Nakada)

- *Related to Feature #6721: Object#yield_self added*

#8 - 09/20/2016 12:55 AM - nobu (Nobuyoshi Nakada)

- *Has duplicate Feature #12760: Optional block argument for `itself` added*