

Ruby - Bug #19829

Enumerator.product called with keyword arguments raises exception with not precise message

08/03/2023 10:45 AM - andrykonchin (Andrew Konchin)

Status:	Closed	Backport: 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	3.2.1	

Description

The Enumerator.product method, added in Ruby 3.2, when it's called with keyword arguments (but it expects only a list of enums) raises unknown keyword: ... (ArgumentError) exception:

```
Enumerator.product([], a: 1)
# (irb):1:in `product': unknown keyword: :a (ArgumentError)
```

But AFAIK unknown keyword is used when a method expects keyword arguments and some not supported keyword arguments were passed. So I would expect raising exception with no keywords accepted (ArgumentError) message instead that states clearly that no keywords should be passed.

History

#1 - 08/18/2023 03:58 AM - jeremyevans0 (Jeremy Evans)

I submitted a pull request to fix this, by adding an rb_no_keywords_accepted C-API function and using that for both C methods and Ruby methods that do not accept keywords: <https://github.com/ruby/ruby/pull/8243>

#2 - 08/24/2023 09:07 AM - matz (Yukihiro Matsumoto)

- Status changed from Open to Closed

I see no benefit from the proposed change, other than you cannot tell the method takes any keyword argument or not at all from the error message. In that case, I advise reading the document.

Matz.