String#split for empty string is always empty array

01/28/2011 12:00 PM - phasis68 (Heesob Park)

Status: Rejected
Priority: Normal
Assignee:
Target version: 2.0.0

Description
Here is ruby's behavior:

```ruby
' '.split('/')
# => [' ']
'' .split('/')
# => []
'/'.split('/')
# => []
```

Here is Python's behavior:

```python
>>> ' '.split('/')
[' ']
>>> '' .split('/')
[' ']
>>> '/'.split('/')
['', '']
```

Is there any chance to let ''.split('/') return [' '] instead of []?

Related issues:
- Related to Ruby master - Feature #3575: String#split is inconsistent with emp...
  - Closed

History

#1 - 02/15/2011 04:22 PM - naruse (Yui NARUSE)
- Status changed from Open to Feedback

=begin
We don't think we should follow Python's result
and your this proposal doesn't have enough reason to change current behavior even if it breaks compatibility.

I don't say there is no chance but it should be hard that you can show such strong reason.
=end

#2 - 02/16/2011 08:04 AM - nobu (Nobuyoshi Nakada)

=begin
'/.split('/', -1) returns ['', ''].
I don't think it's necessary to be default.
=end

#3 - 03/18/2012 07:04 PM - nahi (Hiroshi Nakamura)
- Description updated
- Status changed from Feedback to Rejected

It's intended feature, and -1 is prepared for your purpose as Nobu said. #3575

#4 - 05/02/2020 08:13 AM - sawa (Tsuyoshi Sawada)
- Description updated