

## Ruby master - Feature #6445

### request for default length/position on string index

05/17/2012 01:02 PM - botp (bot pena)

<b>Status:</b>	Assigned
<b>Priority:</b>	Normal
<b>Assignee:</b>	matz (Yukihiro Matsumoto)
<b>Target version:</b>	
<b>Description</b>	
would be nice if ruby has default for "rest or up to end of string"	
eg	
"hello"[2,] => should default to "hello"[2..-1]	
or	
"hello"[2..] => should default to "hello"[2..-1]	

### History

#### #1 - 05/21/2012 08:59 PM - mame (Yusuke Endoh)

- Status changed from Open to Assigned
- Assignee set to matz (Yukihiro Matsumoto)

Hello,

I created a patch that add a syntactic sugar from (arg..) to (arg..-1).

```
ary = [1, 2, 3, 4]
p ary[2..] #=> [3, 4]
```

Matz, what do you think?

```
diff --git a/parse.y b/parse.y
index 9f9093b..d272492 100644
--- a/parse.y
+++ b/parse.y
@@ -2168,6 +2168,18 @@ arg    : lhs '=' arg
$$ = dispatch2(dot3, $1, $3);
%*/
}
```

- | arg tDOT2
- {
- /%%%/
- value\_expr(\$1);
- \$\$ = NEW\_DOT2(\$1, NEW\_LIT(INT2FIX(-1)));
- if (nd\_type(\$1) == NODE\_LIT && FIXNUM\_P(\$1->nd\_lit)) {
- deferred\_nodes = list\_append(deferred\_nodes, \$\$);
- }
- /\*%
- \$\$ = dispatch2(dot2, \$1, INT2FIX(-1));
- %\*/
- } | arg '+' arg { /%%%/

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Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

#### #2 - 06/01/2012 11:58 AM - knu (Akinori MURASHI)

It would look nice and work fine with indexing strings and arrays, but if it were put in you would've come to want (1..).each {|i| .. } to work as well.

It might be better to default the omitted end to +Infinity and then make {Array,String,..}#[] understand +Infinity as an index, I guess?

#### #3 - 10/25/2012 06:43 PM - yhara (Yutaka HARA)

- Target version changed from 2.0.0 to 3.0

**#4 - 10/25/2012 06:56 PM - yhara (Yutaka HARA)**

- *Target version changed from 3.0 to 2.6*

**#5 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)**

- *Target version deleted (2.6)*