

Ruby trunk - Misc #10513

instance_eval yields the receiver, but is documented to yield no arguments

11/14/2014 10:29 PM - ctm (Cliff Matthews)

Status:	Open	
Priority:	Normal	
Assignee:	zzak (Zachary Scott)	
Description		
<p>instance_eval yields the receiver, but is documented as yielding no arguments.</p> <p>I searched the bug reports before writing this up and found bug #2476 which was closed with a message that contained "instance_eval yields the receiver in both 1.8 and 1.9. Unfortunately, a Proc object created by lambda raises ArgumentError when extra arguments are yielded in 1.9.". However such behavior is not expected when the calling sequence is:</p> <pre>* call-seq: * obj.instance_eval(string [, filename [, lineno]]) -> obj * obj.instance_eval { block } -> obj</pre> <p>This discrepancy surprised me, but once I realized what was going on I simply used instance_exec instead of instance_eval. All else equal, I would prefer for instance_eval to to not yield the receiver since I can pick up the receiver as self if I want to, but such a change could breaking existing code, so probably documenting the current behavior is better.</p> <pre>bash-3.2\$ ruby --version ruby 2.1.3p242 (2014-09-19 revision 47630) [x86_64-darwin14.0] bash-3.2\$./instance_eval This is the lambda that *does* work. arg = 32 self = 32 ./instance_eval:6:in `block in <main>': wrong number of arguments (1 for 0) (ArgumentError) from ./instance_eval:17:in `instance_eval' from ./instance_eval:17:in `<main>'</pre>		

Files

instance_eval	561 Bytes	11/14/2014	ctm (Cliff Matthews)
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