

Ruby master - Feature #4935

Quoted Label Form for 1.9 Hashes

06/27/2011 11:28 AM - adgar (Michael Edgar)

Status:	Closed	
Priority:	Normal	
Assignee:	matz (Yukihiro Matsumoto)	
Target version:	2.6	
Description		
<p>As discussed in the "Shorthand Hash Syntax for Strings" thread/feature request, several (including Matz) expressed interest in a parallel quoted form for the 1.9 label syntax:</p> <pre>{ foo: bar } { 'only-19': true }</pre> <p>x = "hello" { "#{x}-world": Date.now }</p> <p>This personally has come up for me with the new syntax: especially when dealing with command-line options, which often use hyphens, the quoted symbol form is necessary. Not being able to use the new syntax results in funny-looking hashes:</p> <pre>{ foo: bar, baz: qux, 'abc-def' => 1 }</pre> <p>I've attached a patch implementing this change. It allows a colon to follow single-quoted or double-quoted string literals to form a symbol key much like the label syntax introduced in 1.9. The examples listed at the start of this post all work fine. It introduces a new token - tLABEL_END - which replaces tSTRING_END when closing a symbol-label-literal. It introduces a single new grammar production for assoc, which is nearly purely syntactic sugar for the dsym grammar production; I've extracted dsym's implementation to a separate helper function, which is called from the dsym production and from the new label-style production.</p> <p>I will immediately attach a new passing test for test_hash.rb in a followup post, once this has a feature # and ruby-core thread assigned to it.</p> <p>NB: By removing the quote check on line 6580, one can make this feature work with any string literal (like "{ %q/foo-bar/: baz}", obviously doesn't work with heredocs) - I personally find this to be silly and inconsistent with the existing symbol syntax. Though it was fun to play with for a bit.</p>		
Related issues:		
Is duplicate of Ruby master - Feature #4276: Allow use of quotes in symbol sy...	Closed	01/13/2011

Associated revisions

Revision cbdac1ea - 12/05/2014 12:46 AM - nobu (Nobuyoshi Nakada)

parse.y: fix lex_state after tLABEL_END

- parse.y (parser_yylex): fix lex_state after tLABEL_END, should be EXPR_LABELARG to be followed by "paren with arg". [ruby-core:66705] [Feature #4935]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@48712 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 48712 - 12/05/2014 12:46 AM - nobu (Nobuyoshi Nakada)

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History

#1 - 06/27/2011 11:31 AM - adgar (Michael Edgar)

- File *label_test.diff* added

Sorry, meant to list this as a feature. Test attached.

#2 - 06/27/2011 11:49 AM - shyouhei (Shyouhei Urabe)

- Tracker changed from *Bug* to *Feature*

#3 - 07/09/2011 12:55 PM - adgar (Michael Edgar)

With the feature freeze coming up in a couple days, is there a chance this sees 1.9.3? It doesn't break any old syntax, only introduces new syntax, and rounds out the label feature of the 1.9 branch nicely.

#4 - 03/25/2012 04:32 PM - mame (Yusuke Endoh)

- Status changed from *Open* to *Assigned*

- Assignee set to *matz* (Yukihiro Matsumoto)

#5 - 11/20/2012 09:42 PM - mame (Yusuke Endoh)

- Target version set to *2.6*

#6 - 09/20/2014 01:48 AM - nobu (Nobuyoshi Nakada)

- Status changed from *Assigned* to *Closed*

Applied in changeset r47649.

parse.y: quoted ID key

- parse.y (assoc): allow quoted ID as a key of a hash literal. [ruby-core:34453] [Feature #4276]

Files

label_patch.diff	4.07 KB	06/27/2011	adgar (Michael Edgar)
label_test.diff	541 Bytes	06/27/2011	adgar (Michael Edgar)