

Ruby - Bug #13167

Dir.glob is 25x slower since Ruby 2.2

01/30/2017 10:11 AM - ahorek (Pavel Rosický)

Status:	Closed	
Priority:	Normal	
Assignee:	h.shirosaki (Hiroshi Shirosaki)	
Target version:		
ruby -v:	2.4.0	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN
Description Hello, we've found a huge speed regression in our Rails app. After some digging the reason is in Dir.glob method which is much slower since Ruby 2.2.6. This is probably Windows only! This code is used heavily in Rails for partial lookups: <pre>Dir.glob('c:/test/myapp/app/views/common/_menu_stats{.en,}{.html,}{.erb,.builder,.raw,.ruby,.jbuilder,.coffee,}')</pre> Comparsion (x64): jruby 9.1.7.0 2540 i/s ruby 2.1.5 2568 i/s ruby 2.1.9 2569 i/s ruby 2.2.6 99 i/s 25 times slower! ruby 2.3.3 102 i/s ruby 2.4.0 103 i/s I would like to help, but I don't know much about Ruby C internals. Please let me know if you need any additional info. Now we're stuck at 2.1.9 because this issue makes the development on more recent versions unusable.		
Related issues:		
Related to Ruby - Bug #10015: Performance regression in Dir#[]		Closed
Related to Ruby - Feature #13873: Optimize Dir.glob with FNM_EXTGLOB		Closed
Related to Ruby - Bug #19042: Bug: Dir.glob ignores subdirectories in alterna...		Closed

Associated revisions

Revision 2a119042145973fd66504c70ba0cd86d2571d014 - 09/22/2018 01:11 AM - h.shirosaki (Hiroshi Shirosaki)

dir.c: performance fix with braces

Braces were expended before ruby_glob0(). This caused to call replace_real_basename() for same plain patterns repeatedly. Move brace expansion into glob_helper() in ruby_glob0() to reduce replace_real_basename() call. This fix changes the order of glob results. [Feature #13167] [Fix GH-1864]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@64810 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 2a119042145973fd66504c70ba0cd86d2571d014 - 09/22/2018 01:11 AM - h.shirosaki (Hiroshi Shirosaki)

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Revision 2a119042 - 09/22/2018 01:11 AM - h.shirosaki (Hiroshi Shirosaki)

dir.c: performance fix with braces

Braces were expended before `ruby_glob0()`. This caused to call `replace_real_basename()` for same plain patterns repeatedly. Move brace expansion into `glob_helper()` in `ruby_glob0()` to reduce `replace_real_basename()` call. This fix changes the order of glob results. [Feature #13167] [Fix GH-1864]

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Revision b14325443a1e868100c3a5fa4365223b61a77f08 - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

dir.c: fix memory leak of glob with braces

`join_path` uses `malloc`. So `free` is required. [Feature #13167]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@64835 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision b14325443a1e868100c3a5fa4365223b61a77f08 - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

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Revision b1432544 - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

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Revision f73d504c6d23059df79d1eea8380c88e3b3b7d1d - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

dir.c: fix glob with recursive and brace

Fixed bug that glob with recursive and braces (`**/{a,b}`) pattern fails. [Feature #13167]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@64836 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision f73d504c6d23059df79d1eea8380c88e3b3b7d1d - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

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Revision f73d504c - 09/25/2018 03:31 PM - h.shirosaki (Hiroshi Shirosaki)

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History

#1 - 01/30/2017 11:25 AM - nobu (Nobuyoshi Nakada)

- Related to Bug #10015: Performance regression in `Dir#[]` added

#2 - 01/30/2017 11:33 AM - nobu (Nobuyoshi Nakada)

- Description updated

#3 - 07/24/2017 07:42 PM - ahorek (Pavel Rosický)

- File logruby24.txt added

- File logruby21.txt added

I used Procmon.exe <https://live.sysinternals.com> to monitor system calls and it looks like ruby 2.4.1 is traversing the whole directory tree over and over again for each {} matcher. This should be definitely avoided!

take a look, the same single call for a Dir.glob takes
30 sys-calls on Ruby 2.1.9 but 2086 sys-calls on Ruby 2.4.1!

Ruby 2.1.9 just tries to open all combinations without checking the directory structure

```
c:/test/myapp/app/views/common/_menu_stats.en.html.erb open
c:/test/myapp/app/views/common/_menu_stats.en.html.builder open
...
```

but Ruby 2.4.1 behaves like this

```
c:/ open
c:/ stats
c:/ close
c:/test open
c:/test stats
c:/test close
c:/test/myapp open
c:/test/myapp stats
c:/test/myapp close
...
c:/test/myapp/app/views/common/_menu_stats.en.html.erb open
c:/test/myapp/app/views/common/_menu_stats.en.html.erb stats
c:/test/myapp/app/views/common/_menu_stats.en.html.erb close
*** AND AGAIN ***
c:/ open
c:/ stats
c:/ close
c:/test open
c:/test stats
c:/test close
c:/test/myapp open
c:/test/myapp stats
c:/test/myapp close
...
c:/test/myapp/app/views/common/_menu_stats.en.html.builder open
c:/test/myapp/app/views/common/_menu_stats.en.html.builder stats
c:/test/myapp/app/views/common/_menu_stats.en.html.builder close
*** AND AGAIN ***
c:/ open
c:/ stats
c:/ close
c:/test open
c:/test stats
c:/test close
etc ...
```

#4 - 07/24/2017 08:32 PM - normalperson (Eric Wong)

pdahorek@seznam.cz wrote:

Bug [#13167](#): Dir.glob is 25x slower since Ruby 2.2
<https://bugs.ruby-lang.org/issues/13167#change-65905>

I didn't see a difference in Linux between 2.1 and trunk;
but this seems wrong on Linux and could be optimized:

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("/{flac}")'
=> 935 getdents calls
```

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("/{flac,ogg}")'
```

=> 1870 getdents calls

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("./{flac,ogg,mp3}">'
=> 2805 getdents calls
```

Investigating...

#5 - 07/24/2017 09:41 PM - normalperson (Eric Wong)

Eric Wong normalperson@yhbt.net wrote:

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("./{flac}">'
=> 935 getdents calls
```

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("./{flac,ogg}">'
=> 1870 getdents calls
```

```
$ strace -c -e getdents ruby --disable=gems -e 'Dir.glob("./{flac,ogg,mp3}">'
=> 2805 getdents calls
```

ksh93, zsh, bash all exhibit the same behavior, even.
And it appears a major refactoring of dir.c is necessary to support optimizing away redundant readdir (getdents on Linux) calls.

#6 - 07/24/2017 10:40 PM - ahorek (Pavel Rosický)

There isn't noticeable difference on Linux, it's even slightly faster.

Linux

```
2.1.9 77991 i/s
2.4.1 78497 i/s
```

Windows

```
2.1.9 1143000 i/s
2.4.1 39829 i/s
```

<https://github.com/ruby/ruby/blob/trunk/dir.c>

#7 - 07/25/2017 02:51 AM - normalperson (Eric Wong)

pdahorek@seznam.cz wrote:

There isn't noticeable difference on Linux, it's even slightly faster.

The problem isn't the noticeability in Linux. I suspect the problem here is Linux hides performance problems with fast syscalls:

Linux

```
2.1.9 77991 i/s
2.4.1 78497 i/s
```

Windows

```
2.1.9 1143000 i/s
2.4.1 39829 i/s
```

Are those numbers on the same hardware? If so, it's because our glob performance on Linux always sucked :)

So, I suspect the performance on 2.1.9 was good because Ruby used Win32-specific APIs; but when the code path changed to use work the same on both systems, it got silly slow.

I've been having a tough time figuring out what changes in the 2.1..2.2 era did what over time, especially on a platform I don't run...

Can you run "git bisect" to narrow down the performance problem to a particular commit?

Thanks.

#8 - 07/25/2017 11:22 AM - ahorek (Pavel Rosický)

yes, it's on the same hardware and also with the same file path. I used Bash on Windows which could be slower than the native Windows app. So I also compared it on a native Ubuntu and 2.4.1 is faster on it

```
2.1.9 695000 i/s
2.4.1 766827 i/s
```

after some digging I found out that this change introduced the problem
<https://bugs.ruby-lang.org/issues/5994>

around this commit
<https://github.com/ruby/ruby/commit/5b92c0bea3dc23b0c2be356bedafdd4e7f9110d7>

#9 - 07/25/2017 11:37 AM - ahorek (Pavel Rosický)

<https://github.com/ruby/ruby/pull/1669>

```
2.1.9      1143000 i/s
2.4.1      39829 i/s
2.5.0      40730 i/s
2.5.0 + patch 936338 i/s
```

this patch is probably wrong, but it's a good place to start

[@normalperson \(Eric Wong\)](#) - could you take a look?

#10 - 07/25/2017 04:33 PM - normalperson (Eric Wong)

pdahorek@seznam.cz wrote:

Issue [#13167](#) has been updated by ahorek (Pavel Rosický).

<https://github.com/ruby/ruby/pull/1669>

```
2.1.9      1143000 i/s
2.4.1      39829 i/s
2.5.0      40730 i/s
2.5.0 + patch 936338 i/s
```

Thanks.

this patch is probably wrong, but it's a good place to start

[@normalperson \(Eric Wong\)](#) - could you take a look?

This is @nibu's job, since he made the original change and knows far more about case-insensitive FSes than I do.

I think the performance on Linux is a separate problem.
The 766827 i/s you got on Ubuntu is still worse than Win32;
so I think that could be improved, possibly on all platforms.

#11 - 07/25/2017 07:15 PM - ahorek (Pavel Rosický)

Sure, faster glob could make a big difference in overall performance. It's a very good candidate for optimization.

for Windows and maybe other case-insensitive FS that shares the same codepath we should avoid (or cache) recurring tree-stats for each magic {.txt} which are very expensive (explained here <https://bugs.ruby-lang.org/issues/13167#note-3>)

#12 - 07/31/2017 02:22 PM - ahorek (Pavel Rosický)

there's a good article about this
<https://research.swtch.com/glob>
<https://perl5.git.perl.org/perl.git/commitdiff/33252c318625f3c6c89b816ee88481940e3e6f95?hp=57ab6c610267dba697199c8256f4258af7d391c1>

take a look at the python's implementation
<https://github.com/python/cpython/commits/3.6/Lib/glob.py>

Ruby has tons of ifs, gotos and recursions for many special cases, it's not very readable and I have a tough time to understand what's happening
For instance this Windows problem is solved, Python has different approach, because results of the glob will be the same even with the previous

Ruby 2.1 implementation, you just need to normalize the output according to realpath (I expect that I can't create two files or directories with a same name like "test.txt" and "Test.txt", am I right?)

simplier example

```
Dir.glob("c:/test/myapp")
```

```
Python
CreateFile
QueryInformationVolume
QueryAllInformationFile
CloseFile
```

```
Ruby 2.1
CreateFile
QueryNetworkOpenInformationFile
CloseFile
```

```
Ruby 2.4.1
CreateFile
QueryNetworkOpenInformationFile
CloseFile
CreateFile
QueryNetworkOpenInformationFile
CloseFile
CreateFile
QueryNetworkOpenInformationFile
CloseFile
CreateFile
QueryNetworkOpenInformationFile
CloseFile
QueryFirectory
CloseFile
CreateFile
QueryNetworkOpenInformationFile
CloseFile
CreateFile
QueryDirectory
CloseFile
```

I think that Python has fully compatible syntax, even with {} expansion and also works fast on Windows (case sensitive)

#13 - 08/27/2017 04:22 PM - ahorek (Pavel Rosický)

<https://github.com/ruby/ruby/pull/1685>

I reverted nobu's change and instead of recursion for simple patterns I want to call "replace_real_basename" only for results. There's no need to call it for each directory because the result will always be same. It's not final and I'll be really glad if someone more experienced can help me with it. Also other parts like path normalization could be called only once.

What do you think about optimizing most common use cases like

```
Dir.glob('/test/file.{html,erb}')
```

```
Dir.glob('/test/*')
```

?

Ruby 2.4.1

```
plain:      1089.3 i/s
*:          324.9 i/s
braces:     37.7 i/s
* 2:        8.6 i/s
**:         3.1 i/s
```

Trunk (2.5)

```
plain:      1013.7 i/s
*:          569.6 i/s
braces:     34.7 i/s
* 2:        23.3 i/s
**:         2.8 i/s
```

Trunk (2.5) + patch

```
plain:      18020.3 i/s
*:          1432.5 i/s
```

```
braces:      917.7 i/s
* 2:        25.4 i/s
**:         3.1 i/s
```

Ruby 2.1.9

```
plain:      20519.1 i/s
*:          1905.2 i/s
braces:     1094.0 i/s
* 2:        46.4 i/s
**:         6.7 i/s
```

btw Python's performance is even faster than Ruby 2.1.9 (20x), this is a huge difference.

#14 - 08/28/2017 12:58 AM - nobu (Nobuyoshi Nakada)

ahorek (Pavel Rosický) wrote:

There's no need to call it for each directory because the result will always be same.

It is not same.

Path components in middle also should be replaced.

#15 - 09/11/2017 02:28 PM - h.shirosaki (Hiroshi Shirosaki)

- File 0001-dir.c-performance-fix-with-braces.patch added

- File bench_dir_glob.rb added

- File 0001-dir.c-performance-fix-with-braces-using-cache.patch added

replace_real_basename() is called for same head plain paths because braces are expanded early before ruby_glob0().

Moving braces expansion to later phase in glob_helper() is a way to reduce replace_real_basename().

The idea is same as [#13873](#).

Another idea is caching real name of each directory and use the cache.

I attached a patch and benchmark script.

Here is my benchmark result.

+ patch: 0001-dir.c-performance-fix-with-braces.patch

+ cache: 0001-dir.c-performance-fix-with-braces-using-cache.patch

braces:

```
Dir["v:/test/myapp/app/views/common/_menu_stats{.en,}.{.html,}">{.erb,.builder,.raw,.ruby,.jbuilder,.coffee,}"]
```

recursive:

```
Dir["v:/test/myapp/app/views/**/_menu_stats{.en,}.{.html,}">{.erb,.builder,.raw,.ruby,.jbuilder,.coffee,}"]
```

On Windows 10

ruby 2.5.0dev (2017-09-11 trunk 59831) [x64-mingw32]

	braces	148.111	(± 3.4%)	i/s -	742.000	in	5.015963s	
+ patch	braces	1.809k	(± 3.8%)	i/s -	9.078k	in	5.027256s	=> 12x faster
+ cache	braces	480.215	(± 5.4%)	i/s -	2.397k	in	5.005954s	=> 3x faster
	recursive	71.280	(± 4.2%)	i/s -	357.000	in	5.014841s	
+ patch	recursive	111.464	(± 2.7%)	i/s -	561.000	in	5.037387s	
+ cache	recursive	94.775	(± 3.2%)	i/s -	477.000	in	5.037445s	

On Linux(Ubuntu 16.04)

ruby 2.5.0dev (2017-09-11 trunk 59831) [x86_64-linux]

	braces	6.171k	(± 1.0%)	i/s -	31.408k	in	5.090401s	
+ patch	braces	11.241k	(± 0.6%)	i/s -	57.252k	in	5.093467s	
	recursive	720.448	(± 1.4%)	i/s -	3.640k	in	5.053382s	
+ patch	recursive	730.159	(± 0.5%)	i/s -	3.723k	in	5.099068s	

#16 - 09/26/2017 07:24 PM - naruse (Yui NARUSE)

- Related to Feature #13873: Optimize Dir.glob with FNM_EXTGLOB added

#17 - 02/05/2018 04:00 PM - sfcgeorge (Simon George)

Is there any progress on this, I see feature [#13873](#) is related, but it looks like that got reverted again? <https://bugs.ruby-lang.org/issues/13873>

I ran into this issue with Rails; when a request doesn't specify the format Rails uses this Glob and it takes 10x longer to respond. In our real-world app that means collection partials that normally take 40ms each now take 300ms, thus the whole page takes 5 or more seconds! There's an issue I opened with Rails but it seems this is the root cause <https://github.com/rails/rails/issues/30502>

#18 - 02/06/2018 02:08 AM - h.shirosaki (Hiroshi Shirosaki)

- File deleted (0001-dir.c-performance-fix-with-braces.patch)

#19 - 02/06/2018 02:22 AM - h.shirosaki (Hiroshi Shirosaki)

- File 0001-dir.c-performance-fix-with-braces.patch added

[#13873](#) seems reverted in order to avoid test changes (incompatibility of the order).

My patch (0001-dir.c-performance-fix-with-braces.patch) passes test-all and test-rubyspec without test changes.

It would be more similar to trunk behavior than [#13873](#) implementation although not 100% compatible.

I rebased a patch for latest trunk and did some format fix.

#20 - 08/05/2018 04:46 PM - ahorek (Pavel Rosický)

- File linux_braces.png added

- File linux_list.png added

- File linux_recursive.png added

- File windows_braces.png added

- File windows_list.png added

- File windows_recursive.png added

- File bench_dir_glob2.rb added

#21 - 08/05/2018 05:40 PM - ahorek (Pavel Rosický)

[@h.shirosaki \(Hiroshi Shirosaki\)](#), thanks for your work on this. I tested your patch 0001-dir.c-performance-fix-with-braces.patch (ruby head + braces) based on the current trunk <https://github.com/ruby/ruby/pull/1864>

environment:

Samsung 850 Pro 250GB
AMD 8350FX 8C
Windows 10 and Ubuntu
16GB DDR3

ruby 2.6.0dev (2018-08-05 trunk 64192) [x86_64-linux]
jruby 9.2.1.0-SNAPSHOT (2.5.0) 2018-08-02 5aa064b Java HotSpot (TM) 64-Bit Server VM 10.0.1+10 on 10.0.1+10 +jit [linux-x86_64]

ratio (faster than trunk)

linux braces 1.26x
linux recursive 0.99x
windows braces 10.75x
windows recursive 1.66x

I think the patch fixes the main problem I originally reported. Especially "windows braces" is almost 11-times faster, almost as fast as ruby 2.1.9 was.

I also tested it with my rspec suite and it runs 2.14x faster, this is a huge perf difference. It passes all tests.

ruby trunk
22 minutes 46 seconds
ruby trunk + patch
10 minutes 5 seconds

cc [@nobu \(Nobuyoshi Nakada\)](#) if you have time, could you please review it?

Linux

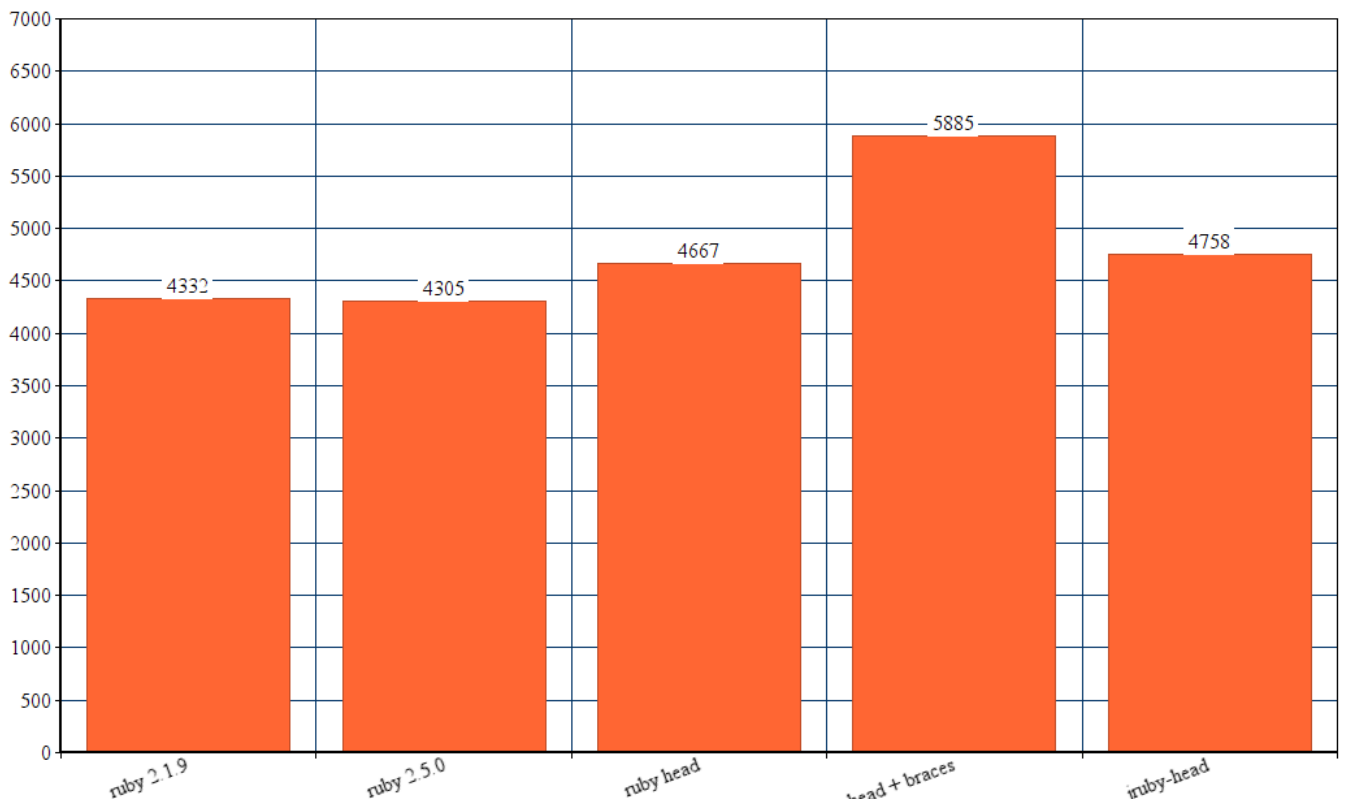
ruby 2.1.9

list	12.627k	(± 1.6%)	i/s -	63.232k	in	5.008885s
braces	4.332k	(± 1.9%)	i/s -	21.889k	in	5.054435s
recursive	81.603	(± 1.2%)	i/s -	413.000	in	5.062313s

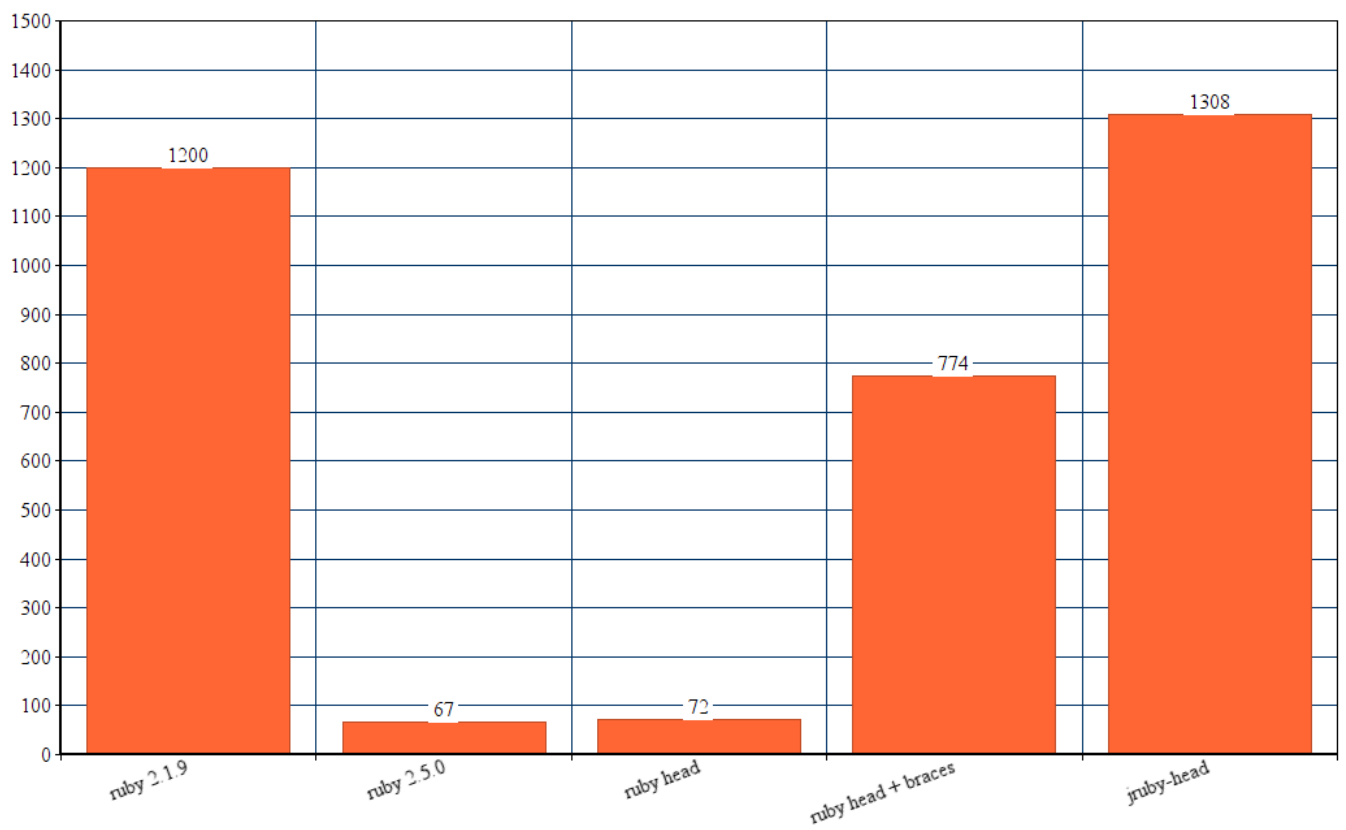
ruby 2.5.0

	list	11.752k	(± 1.3%)	i/s -	59.176k	in	5.036229s
	braces	4.305k	(± 2.0%)	i/s -	21.600k	in	5.019530s
	recursive	248.731	(± 1.6%)	i/s -	1.248k	in	5.018503s
ruby head							
	list	12.128k	(± 2.4%)	i/s -	60.840k	in	5.019484s
	braces	4.667k	(± 3.1%)	i/s -	23.613k	in	5.064703s
	recursive	254.704	(± 2.0%)	i/s -	1.275k	in	5.007455s
ruby head + braces							
	list	12.123k	(± 3.3%)	i/s -	61.048k	in	5.041848s
	braces	5.885k	(± 2.2%)	i/s -	29.784k	in	5.063815s
	recursive	251.895	(± 2.0%)	i/s -	1.275k	in	5.063459s
jruby-head							
	list	9.931k	(± 2.4%)	i/s -	49.764k	in	5.014070s
	braces	4.758k	(± 1.7%)	i/s -	23.940k	in	5.032956s
	recursive	35.933	(± 5.6%)	i/s -	180.000	in	5.022796s
Windows							
ruby 2.1.9							
	list	2.683k	(± 5.9%)	i/s -	13.566k	in	5.077196s
	braces	1.200k	(± 3.2%)	i/s -	6.000k	in	5.005971s
	recursive	111.844	(± 0.9%)	i/s -	561.000	in	5.016557s
ruby 2.5.0							
	list	945.309	(± 3.0%)	i/s -	4.794k	in	5.076069s
	braces	67.879	(± 2.9%)	i/s -	342.000	in	5.041694s
	recursive	33.314	(± 3.0%)	i/s -	168.000	in	5.046526s
ruby head							
	list	1.001k	(± 1.8%)	i/s -	5.049k	in	5.047494s
	braces	72.145	(± 1.4%)	i/s -	364.000	in	5.046341s
	recursive	34.943	(± 2.9%)	i/s -	177.000	in	5.068275s
ruby head + braces							
	list	1.001k	(± 1.3%)	i/s -	5.049k	in	5.044865s
	braces	773.822	(± 0.9%)	i/s -	3.927k	in	5.075205s
	recursive	58.596	(± 1.7%)	i/s -	295.000	in	5.034900s
jruby-head							
	list	5.121k	(? 1.3%)	i/s -	25.935k	in	5.064926s
	braces	1.308k	(? 2.1%)	i/s -	6.625k	in	5.066130s
	recursive	9.987	(? 0.0%)	i/s -	50.000	in	5.008338s

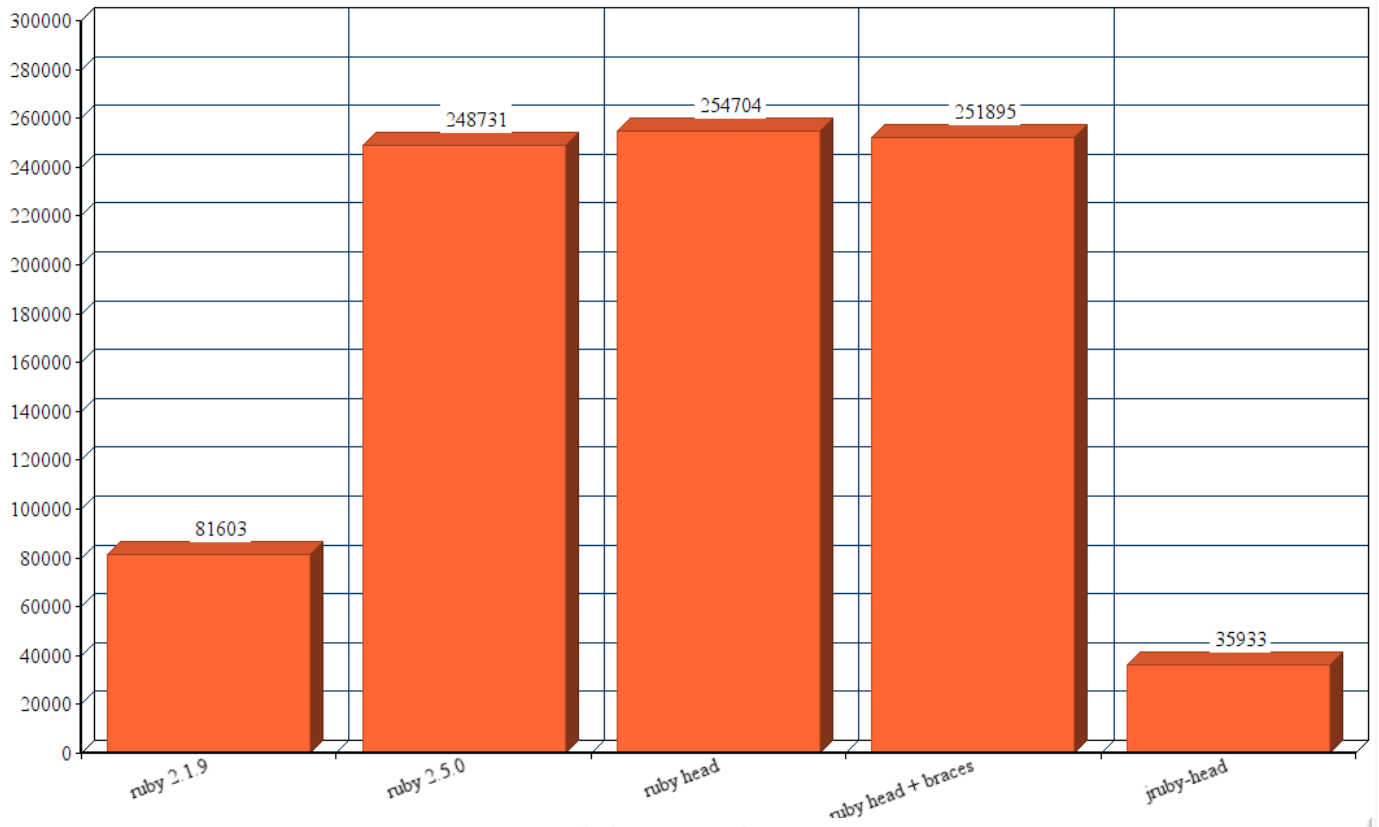
Linux Braces



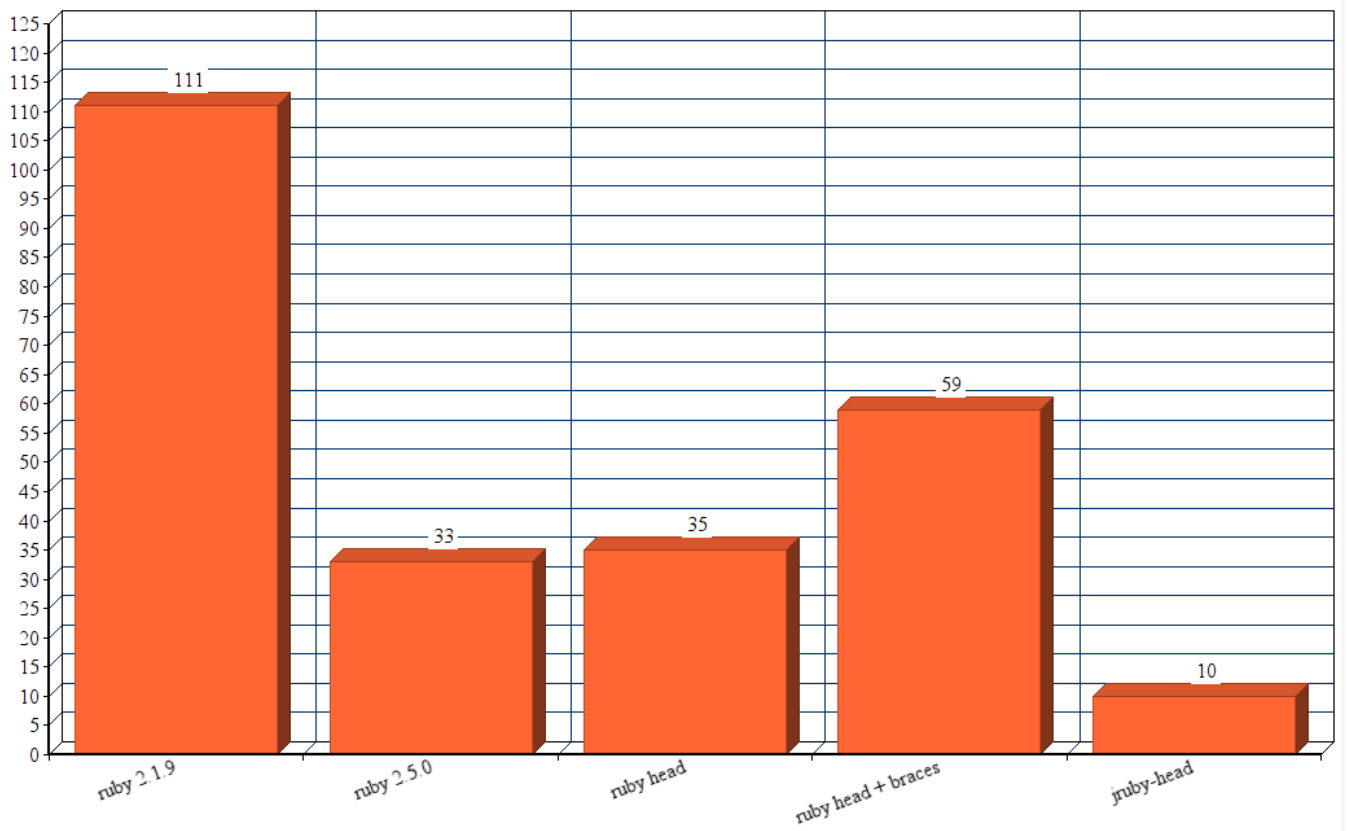
Windows Braces



Linux Recursive



Windows Recursive



#22 - 08/09/2018 07:55 AM - h.shirosaki (Hiroshi Shirosaki)

- Status changed from Open to Assigned
- Assignee set to nobu (Nobuyoshi Nakada)

#23 - 09/13/2018 07:53 AM - nobu (Nobuyoshi Nakada)

- Assignee changed from nobu (Nobuyoshi Nakada) to h.shirosaki (Hiroshi Shirosaki)

Thank you for the patch, let's try, please commit the patch for braces.

#24 - 09/13/2018 07:53 AM - naruse (Yui NARUSE)

0001-dir.c-performance-fix-with-braces.patch

It would be more similar to trunk behavior than [#13873](#) implementation although not 100% compatible.

I'm wondering whether this incompatibility is critical or not.
Anyway the easiest way is just merge it and wait the feedback from Rails.

#25 - 09/22/2018 01:11 AM - Anonymous

- Status changed from Assigned to Closed

Applied in changeset trunk|r64810.

dir.c: performance fix with braces

Braces were expended before `ruby_glob0()`. This caused to call `replace_real_basename()` for same plain patterns repeatedly.
Move brace expansion into `glob_helper()` in `ruby_glob0()` to reduce `replace_real_basename()` call.
This fix changes the order of glob results.
[Feature [#13167](#)] [Fix GH-1864]

#26 - 09/23/2018 02:35 AM - k0kubun (Takashi Kokubun)

After this commit is merged, some CIs that has `-DVM_CHECK_MODE=2` and continue to test latest revision started to randomly crash
"TestGem#test_load_plugins":

<http://ci.rvm.jp/results/trunk-asserts@silicon-docker>
<http://ci.rvm.jp/results/trunk-vm-asserts@silicon-docker>

Their logs will be lost after 3 days, so I attach persisted failed logs too:

<https://gist.github.com/ko1/2c905ef9194b727001bea1fa5cb22f70>
<https://gist.github.com/ko1/f4f9afb4ea2e48600467ca0a75decd58>
<https://gist.github.com/ko1/ba7cc479072764cb46482f112811d4b6>
... and more

There may be a possibility that rubygems will become unstable by this (but currently it's reproductive only when `-DVM_CHECK_MODE=2` is used),
and I'm writing here since CI notifies the failure too often.

#27 - 09/26/2018 04:09 AM - h.shirosaki (Hiroshi Shirosaki)

k0kubun (Takashi Kokubun) wrote:

After this commit is merged, some CIs that has `-DVM_CHECK_MODE=2` and continue to test latest revision started to randomly crash
"TestGem#test_load_plugins":

<http://ci.rvm.jp/results/trunk-asserts@silicon-docker>
<http://ci.rvm.jp/results/trunk-vm-asserts@silicon-docker>

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<https://gist.github.com/ko1/f4f9afb4ea2e48600467ca0a75decd58>
<https://gist.github.com/ko1/ba7cc479072764cb46482f112811d4b6>
... and more

Is that fixed by r64849? Thanks for the patch.

#28 - 09/26/2018 06:10 AM - k0kubun (Takashi Kokubun)

I hope so too (not confident enough since it was a random failure). Thank you for your attention to these CIs.

#29 - 10/10/2022 02:49 PM - nobu (Nobuyoshi Nakada)

Files

logruby24.txt	484 KB	07/24/2017	ahorek (Pavel Rosický)
logruby21.txt	10.8 KB	07/24/2017	ahorek (Pavel Rosický)
bench_dir_glob.rb	880 Bytes	09/11/2017	h.shirosaki (Hiroshi Shirosaki)
0001-dir.c-performance-fix-with-braces-using-cache.patch	5.84 KB	09/11/2017	h.shirosaki (Hiroshi Shirosaki)
0001-dir.c-performance-fix-with-braces.patch	8.64 KB	02/06/2018	h.shirosaki (Hiroshi Shirosaki)
linux_braces.png	24.1 KB	08/05/2018	ahorek (Pavel Rosický)
linux_list.png	23.5 KB	08/05/2018	ahorek (Pavel Rosický)
linux_recursive.png	26.6 KB	08/05/2018	ahorek (Pavel Rosický)
windows_braces.png	23.6 KB	08/05/2018	ahorek (Pavel Rosický)
windows_list.png	23.1 KB	08/05/2018	ahorek (Pavel Rosický)
windows_recursive.png	28 KB	08/05/2018	ahorek (Pavel Rosický)
bench_dir_glob2.rb	982 Bytes	08/05/2018	ahorek (Pavel Rosický)