

Ruby - Bug #13511

gem install fails on UNIX accounts with limited process count.

04/26/2017 11:25 AM - hugespider (Clauss Gigantisch)

Status:	Third Party's Issue	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.2.6p396 (2016-11-15 revision 56800) [x86_64-freebsd10.3]	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN
Description		
On web hosting server (paid remote server) I cannot build libv8, because building system runs out of available processes. Process limit is set to fixed value on that account. So far I see no way to pass that limit to gem's building system so it runs out of available processes count and aborts because of that. <pre>\$ gem install libv8 Building native extensions. This could take a while... ERROR: Error installing libv8: ERROR: Failed to build gem native extension. current directory: /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8 /home/spide/.rvm/rubies/ruby-2.2.6/bin/ruby -r ./siteconf20170424-25391-1h47ct5.rb extconf.rb creating Makefile v8/third_party/icu (ERROR) ----- [0:01:05] Started. [0:01:05] Traceback (most recent call last): File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_sc m.py", line 962, in _Clone self._Run(clone_cmd, options, cwd=self._root_dir, retry=True) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_sc m.py", line 1249, in _Run gclient_utils.CheckCallAndFilterAndHeader(cmd, env=env, **kwargs) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_ut ils.py", line 293, in CheckCallAndFilterAndHeader return CheckCallAndFilter(args, **kwargs) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_ut ils.py", line 557, in CheckCallAndFilter **kwargs) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/subprocess 2.py", line 262, in __init__ % (str(e), kwargs.get('cwd'), args[0])) OSError: Execution failed with error: [Errno 35] Resource temporarily unavailable. Check that /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor or git exist and ha ve execution permission. ----- Traceback (most recent call last): File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py ", line 2360, in <module> sys.exit(main(sys.argv[1:])) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py ", line 2346, in main return dispatcher.execute(OptionParser(), argv) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/subcommand .py", line 252, in execute return command(parser, args[1:]) File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py ", line 2099, in CMDsync ret = client.RunOnDeps('update', args)</pre>		

```

File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 1550, in RunOnDeps
    work_queue.flush(revision_overrides, command, args, options=self._options)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 1112, in run
    self.item.run(*self.args, **self.kwargs)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 850, in run
    file_list)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_schema.py", line 166, in RunCommand
    return getattr(self, command)(options, args, file_list)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_schema.py", line 450, in update
    self._Clone(revision, url, options)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_schema.py", line 962, in _Clone
    self._Run(clone_cmd, options, cwd=self._root_dir, retry=True)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_schema.py", line 1249, in _Run
    gclient_utils.CheckCallAndFilterAndHeader(cmd, env=env, **kwargs)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 293, in CheckCallAndFilterAndHeader
    return CheckCallAndFilter(args, **kwargs)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 557, in CheckCallAndFilter
    **kwargs)
File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/subprocess2.py", line 262, in __init__
    % (str(e), kwargs.get('cwd'), args[0]))
OSError: Execution failed with error: [Errno 35] Resource temporarily unavailable.
Check that /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor or git exist and have execution permission.
Running: gclient root
Running: gclient config --spec 'solutions = [
{
  "managed": False,
  "name": "v8",
  "url": "https://chromium.googlesource.com/v8/v8.git",
  "custom_deps": {},
  "deps_file": "DEPS",
  "safesync_url": "",
},
]
'
Running: gclient sync --with_branch_heads
Traceback (most recent call last):
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 353, in <module>
    sys.exit(main())
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 348, in main
    return run(options, spec, root)
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 342, in run
    return checkout.init()
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 142, in init
    self.run_gclient(*sync_cmd)
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 76, in run_gclient
    return self.run(cmd_prefix + cmd, **kwargs)
  File "/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 66, in run
    return subprocess.check_output(cmd, **kwargs)
File "/usr/local/lib/python2.7/subprocess.py", line 219, in check_output
    raise CalledProcessError(retcode, cmd, output=output)

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subprocess.CalledProcessError: Command '('gclient', 'sync', '--with_branch_heads')' returned non-zero exit status 1
/usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:109:in `block in setup_build_deps!': unable to fetch v8 source (RuntimeError)
  from /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:107:in `chdir'
  from /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:107:in `setup_build_deps!'
  from /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:63:in `build_libv8!'
  from /usr/home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5/ext/libv8/location.rb:24:in `install!'
  from extconf.rb:7:in `'

extconf failed, exit code 1

Gem files will remain installed in /home/spide/.rvm/gems/ruby-2.2.6/gems/libv8-5.3.332.38.5 for inspection.
Results logged to /home/spide/.rvm/gems/ruby-2.2.6/extensions/x86_64-freebsd-10/2.2.0/libv8-5.3.332.38.5/gem_make.out

```

History

#1 - 04/26/2017 01:19 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

Try gem install --user-install.

#2 - 04/26/2017 06:34 PM - hugespider (Clauss Gigantisch)

nobu (Nobuyoshi Nakada) wrote:

Try gem install --user-install.

Like this?

```

$ gem install libv8 --user-install
WARNING: You don't have /home/spider/.gem/ruby/2.2.0/bin in your PATH,
  gem executables will not run.
Building native extensions. This could take a while...
ERROR: Error installing libv8:
  ERROR: Failed to build gem native extension.

   current directory: /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8
/home/spider/.rvm/rubies/ruby-2.2.6/bin/ruby -r ./siteconf20170426-51278-i2ejt3.rb extconf.rb
creating Makefile

v8/third_party/instrumented_libraries (ERROR)
-----
[0:01:11] Started.
[0:01:11]
Traceback (most recent call last):
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 962,
    in _Clone
    self._Run(clone_cmd, options, cwd=self._root_dir, retry=True)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 1249,
    in _Run
    gclient_utils.CheckCallAndFilterAndHeader(cmd, env=env, **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 29,
    in CheckCallAndFilterAndHeader
    return CheckCallAndFilter(args, **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 55,
    in CheckCallAndFilter
    **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/subprocess2.py", line 262,
    in __init__
    % (str(e), kwargs.get('cwd'), args[0]))
OSError: Execution failed with error: [Errno 35] Resource temporarily unavailable.
Check that /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor or git exist and have execution permission.

```

```

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Traceback (most recent call last):
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 2360, in
<module>
    sys.exit(main(sys.argv[1:]))
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 2346, in
main
    return dispatcher.execute(OptionParser(), argv)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/subcommand.py", line 252,
in execute
    return command(parser, args[1:])
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 2099, in
CMDsync
    ret = client.RunOnDeps('update', args)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 1550, in
RunOnDeps
    work_queue.flush(revision_overrides, command, args, options=self._options)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 11
12, in run
    self.item.run(*self.args, **self.kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient.py", line 850, in
run
    file_list)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 166,
in RunCommand
    return getattr(self, command)(options, args, file_list)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 450,
in update
    self._Clone(revision, url, options)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 962,
in _Clone
    self._Run(clone_cmd, options, cwd=self._root_dir, retry=True)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_scm.py", line 1249
, in _Run
    gclient_utils.CheckCallAndFilterAndHeader(cmd, env=env, **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 29
3, in CheckCallAndFilterAndHeader
    return CheckCallAndFilter(args, **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/gclient_utils.py", line 55
7, in CheckCallAndFilter
    **kwargs)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/subprocess2.py", line 262,
in __init__
    % (str(e), kwargs.get('cwd'), args[0]))
OSError: Execution failed with error: [Errno 35] Resource temporarily unavailable.
Check that /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor or git exist and have execution per
mission.
Running: gclient root
Running: gclient config --spec 'solutions = [
{
  "managed": False,
  "name": "v8",
  "url": "https://chromium.googlesource.com/v8/v8.git",
  "custom_deps": {},
  "deps_file": "DEPS",
  "safesync_url": "",
},
]
',
Running: gclient sync --with_branch_heads
Traceback (most recent call last):
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 353, in <m
odule>
    sys.exit(main())
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 348, in ma
in
    return run(options, spec, root)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 342, in ru
n
    return checkout.init()
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 142, in in
it
    self.run_gclient(*sync_cmd)
  File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 76, in run
_gclient

```

```
return self.run(cmd_prefix + cmd, **kwargs)
File "/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/vendor/depot_tools/fetch.py", line 66, in run
return subprocess.check_output(cmd, **kwargs)
File "/usr/local/lib/python2.7/subprocess.py", line 219, in check_output
raise CalledProcessError(retcode, cmd, output=output)
subprocess.CalledProcessError: Command '('gclient', 'sync', '--with_branch_heads')' returned non-zero exit sta
tus 1
/usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:109:in `block in setup_build_dep
s!': unable to fetch v8 source (RuntimeError)
from /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:107:in `chdir'
from /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:107:in `setup_build_deps!'
from /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8/builder.rb:63:in `build_libv8!'
from /usr/home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5/ext/libv8/location.rb:24:in `install!'
from extconf.rb:7:in `'

extconf failed, exit code 1
```

Gem files will remain installed in /home/spider/.gem/ruby/2.2.0/gems/libv8-5.3.332.38.5 for inspection.
Results logged to /home/spider/.gem/ruby/2.2.0/extensions/x86_64-freebsd-10/2.2.0/libv8-5.3.332.38.5/gem_make.out

Resources still not available.

I see issue is closed, so maybe I'm addressing wrong project and ask author(s) of libv8 (or anything in between)? Or ruby is not going to run in limited resources environment(in this case maximum processes limit)?

May I ask for any comment on why it was rejected?

#3 - 04/26/2017 08:11 PM - nobu (Nobuyoshi Nakada)

- Status changed from Rejected to Third Party's Issue

hugespider (Clauss Gigantisch) wrote:

I see issue is closed, so maybe I'm addressing wrong project and ask author(s) of libv8 (or anything in between)?

Yes, exactly.

#4 - 04/27/2017 09:47 AM - ignisf (Petko Bordjukov)

Hello, libv8 maintainer here. This really does not look like an issue with Ruby itself. Seems to me it's due to Google's depot_tools spawning a bunch of processes to fetch v8 and its dependencies' sources. Further discussion: <https://github.com/cowboyd/libv8/issues/236>