

Ruby - Feature #21277

Windows ARM support

04/21/2025 03:47 AM - hsbt (Hiroshi SHIBATA)

Status:

Assigned

Priority:

Normal

Assignee:

hsbt (Hiroshi SHIBATA)

Target version:

Description

I added the new CI job for Windows ARM support.

- <https://github.blog/changelog/2025-04-14-windows-arm64-hosted-runners-now-available-in-public-preview/>
- <https://github.com/ruby/ruby/pull/13118>

We could build Ruby with Windows ARM platform. But nmake check is not working yet. I'm tracking that issues on this ticket.

Can't generate revision.h

windows-11-arm runner couldn't generate revision.h with ruby tool/file2lastrev.rb --revision.h --output=revision.h. I tried that with git provided by scoop. But that is also not working.

I confirmed to work git rev-parse HEAD directly with pwsh of GitHub Actions. But tool/file2lastrev.rb returns the followings:

Run ruby tool/file2lastrev.rb --revision.h --output=revision.h

file2lastrev.rb: git rev-parse failed
fatal: unable to access 'NUL': Invalid argument

nmake check is not working

<https://github.com/ruby/ruby/actions/runs/14564201209/job/40851166866>

running file: C:/a/ruby/ruby/src/test/rubygems/test_gem_resolver_index_set.rb
A test worker crashed. It might be an interpreter bug or a bug in test/unit/parallel.rb. Try again without the -j option.

<https://github.com/ruby/ruby/actions/runs/14564667517/job/40852193517>

NMAKE : fatal error U1077: '@ .\ruby.exe -I../src/lib -I".ext/arm64-mswin64_140" -I. "../src/tool/runruby.rb" --extout=".ext" -- --disable-gems -r./arm64-mswin64_140-fake -r../src/tool/lib/_tm pdir ../src/spec/mspec/bin/mspec run -B ../src/spec/default.mspec ' : return code '0xc0000005'
Stop.

They may be caused by Visual Studio 2022 issue same as [#21255](#).

History

#1 - 05/12/2025 11:16 PM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

06/13/2025

1/1