Remove support for IA64

06/01/2019 06:08 AM - ioquatix (Samuel Williams)

Status: Closed
Priority: Normal
Assignee: ioquatix (Samuel Williams)
Target version: 2.7

Description
There are many #ifdef __ia64 in Ruby code base. At one point it must have been supported.

But as an architecture, it's EOL (Jan 30th 2019). Last CPU was released in 2017.

I can't even buy 2nd hand CPU for testing.

So, I propose we remove support for IA64.

The main motivation for me personally is I want to simplify and improve fiber implementation. But it's impossible for me to test IA64 architecture.

Related issues:
- Related to Ruby master - Feature #18491: Drop support for IBM AIX and HP UX

History
## #1 - 06/01/2019 07:09 AM - ioquatix (Samuel Williams)
takano32 (Mitsuhiro TAKANO) can you please let me know how you feel about this?

## #2 - 06/07/2019 11:44 PM - ioquatix (Samuel Williams)
Here is a brief overview of one possible plan:

- We remove IA64 from 2.7.
- We retain IA64 in 2.6 which has a theoretical EOL date in 2022. That's 5 years past the last date of the CPU being manufactured, and 3 years past the architecture EOL (2019).

## #3 - 06/19/2019 05:51 AM - matz (Yukihiro Matsumoto)
Sounds reasonable.

Matz.

## #4 - 06/19/2019 06:44 AM - ioquatix (Samuel Williams)
- Target version set to 2.7
- Assignee set to ioquatix (Samuel Williams)

## #5 - 06/19/2019 09:16 AM - ioquatix (Samuel Williams)
Here is PR: https://github.com/ruby/ruby/pull/2241

## #6 - 06/19/2019 11:34 AM - ioquatix (Samuel Williams)
- Status changed from Open to Closed

Okay, it was merged.

## #7 - 01/17/2022 12:33 PM - ngoto (Naohisa Goto)
- Related to Feature #18491: Drop support for IBM AIX and HP UX added