

LTS WG Meeting - 2016-03-21

Attendees

- James M Snell <jasnell@gmail.com>
- Michael Dawson <michael_dawson@ca.ibm.com>
- Kat Marchan <kat@npmjs.com>
- Ali Sheikh <ofrobots@google.com>
- Michael Hablich <hablich@google.com>
- Jeremiah
- Myles Borins
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Agenda:

nodejs/node

- buffer: backport --zero-fill-buffers command line option: [#5751](#), [#5748](#), [#5744](#)
- Backporting the new Buffer APIs to v4, v0.12 and v0.10
- Update npm to 2.x in Node 0.10 [#5570](#)
- debugger: introduce exec method for debugger [nodejs/node#1491](#)
- Refactor Timers [nodejs/node#4007](#)
- domain: fix clearing domains stack [nodejs/node#4659](#)

nodejs/LTS

- Support from V8 for Node's LTS releases [#88](#)
- Track backporting Path optimizations [#87](#)

Minutes:

Discussing the backport of the new buffer APIS

Jeremiah: maybe don't backport the new APIs to v0.12 or v0.10

James: what about v4?

Jeremiah: v4 seems ok

Michael D.: v4 seems reasonable

James: What about the --zero-fill-buffers flag

Jeremiah: Stuff like that has been added before so it's likely not a problem

James: So the current bias seems to be to land the buffer APIs in v4 as a minor version bump and command line flag in v4 and v0.x branches.

Jeremiah: Perhaps hold off on v4 for a while so we don't have another minor bump this soon

Myles: there's at least one pending minor sitting

James: How about we push things out to align with the v6 release?

Jeremiah: Sounds fine

Michael D.: They're already in master right?

James: Yep.

Support from V8 for Node's LTS releases [#88](#)

Want to help with LTS releases

- 1st pain point freezing levels of v8
- Can unfreeze and provide some test coverage
- Would give some code reviews

(General discussion around how it would work)

Ali and v8 team to investigate existing delta between v4.5. In v4.x currently vs v4.5 in v8's tree; and to see if there are issues with any of the floating patches that have already landed. Have this on the agenda for review in 2 weeks.

Track backporting Path optimizations [#87](#)

General discussion landed on Myles documenting a proposed process for handling contentious backport issues. Specifically, using issues in LTS repo to track potential backports that are being watched.

introduce exec method for debugger

<https://github.com/nodejs/node/pull/1491>

Jeremiah: Seems safe

James: +1

Myles: can add lts-watch and we can stage it for the next v4 minor bump

refactor timers <https://github.com/nodejs/node/pull/4007>

Jeremiah: would like this one to be pulled back but not critical

Myles: could use this under the new process

James: perhaps use the proposed process for watching things with this one?

domains: <https://github.com/nodejs/node/pull/4659>

Discussion leans towards not considering it for lts until it lands in v5. Myles to update PR and document decision.