



삼성 오픈소스 컨퍼런스
SAMSUNG OPEN SOURCE CONFERENCE

OPEN YOUR UNIVERSE WITH SOSCON

Open Source Evangelism

—

소속 Node.js Foundation
이름 정민우

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정민우

- Node.js Foundation
- Evangelism Group Evangelist
- Node.js Weekly News publisher
- Node.js Help Repository Owner
- (<https://github.com/nodejs/help>)
- Twitter FlightJS, Netty contributor
- **JMWSOFT@GMAIL.COM**

Open Source Activities





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Weekly Update - Oct 16th, 2015

by Minwoo Jung (@jmwsoft), 2015-10-16

Node.js News — October 16th

Node.js v4.2.1 (LTS), v4.2.0 (LTS) are released

Node.js v4.2.1 (LTS) and v4.2.0 (LTS) Releases

This week we have two releases: [Node.js v4.2.1 \(LTS\)](#) and [Node.js v4.2.0 \(LTS\)](#). Complete changelog from previous releases can be found [on GitHub](#).

Notable changes : v4.2.1 (LTS)

- Includes fixes for two regressions
 - Assertion error in WeakCallback - see [#3329](#)
 - Undefined timeout regression - see [#3331](#)

Notable changes : v4.2.0 (LTS)

Node.js Help Repository

[Node.js Help](#) is open. Need help with Node? Please feel free to ask. Want to help others with issues? You can start simply, by answering open questions.

Please do come over to our [Node.js Help](#) to create a new issue if you have any questions.

Known issues

See <https://github.com/nodejs/node/labels/confirmed-bug> for complete and current list of known issues.

- Some problems with unreferenced timers running during `beforeExit` are still to be resolved. See [#1264](#).
- Surrogate pair in REPL can freeze terminal. [#690](#)
- Calling `dns.setServers()` while a DNS query is in progress can cause the process to crash on a failed assertion.
- `url.resolve` may transfer the auth portion of the url when resolving between two full hosts, see [#1435](#).

Security Updates

- [CVE-2015-7384 Denial of Service Vulnerability](#), "A new v4.x release on **Monday the 5th of October 2015** will be made available with appropriate fixes for this vulnerability along with disclosure of the details of the bug to allow for complete impact assessment by users"
- Please subscribe to the low-volume announcement-only **nodejs-sec** mailing list at

Community Updates

- [Node.js v4.2.1 Release Summary and Stats](#), "Closely tracking the Long Term Support plan, 4.2.0 and 4.2.1 have been released this week as LTS. v4.2.1 has been released to fix two critical regressions in v4.2.0. It is highly suggested you use v4.2.1 instead of v4.2.0"
- [A Hubot Plugin that Helps You to Choose Where to Drink Coffee](#), "Hubot is a very friendly and easy extensible bot written in Coffeescript"
- [Linux and Node.js in Production using Daemontools and NDT](#), "Putting the application to the test with Linux and Node.js in Production using Daemontools and NDT"

If you have spotted or written something about Node.js, do come over to our [Evangelism team repo](#) and suggest it on the [Issues page](#), specifically the Weekly Updates issue.

Upcoming Events

- [JSConf CO](#), October 16th - 17th at Ruta N, Medellin, Colombia
- [EmpireNode](#), October 23rd at New York, US.
- [NodeFest](#), November 7th at Tokyo, Japan

Node.js Foundation Welcomes Red Hat as Newest Platinum Member

- The Node.js Foundation, a community-led and industry-backed consortium to advance the development of the Node.js platform, announced Red Hat, Inc. has joined the Foundation as a Platinum member.
- Red Hat joins platinum members, including Facebook, IBM, Intel, Joyent, Microsoft and PayPal, to provide support in the adoption, development and long-term success of the Node.js project.

See <https://www.redhat.com/en/about/press-releases/red-hat-joins-nodejs-foundation> for more information.



Node.js
@nodejs



팔로잉

Our weekly update brought to you by

[@jmwsoft nodejs.org/en/blog/weekly...](https://nodejs.org/en/blog/weekly...)

번역 보기

19

리트윗

20

관심글



오후 3:18 - 2015년 10월 16일



Node.js Help Repository Owner
(<https://github.com/nodejs/help>)



Need help with Node.js? File an Issue here.

15 commits

2 branches

0 releases

1 contributor



Branch: master

help / +



JungMinu Merge pull request #7 from nodejs/JungMinu-patch-1

Latest commit 6623b01 26 days ago



README.md

Update README.md

26 days ago

README.md

Help

Need help with Node.js? You've come to the right place! [Create a new issue!](#)

Join the conversation!

GITTER JOIN CHAT →

Please feel free to ask

[Please click here](#) to create a new issue if you have any questions. 😊

Help WG Members

- [Mikeal Rogers](#) - @mikeal
- [Minwoo Jung](#) - @jmwsoft

Evangelism

How to get involved!

There are lots of ways to contribute to [Node.js](#). If you are interested in contribution to Node.js evangelism specifically, feel free to join in the conversations, help with [issues](#), and share the [roadmap](#). You don't have to be a member of the Working Group to pitch in!

Join the conversation!

[GITTER](#) [JOIN CHAT →](#)

Letting the world know how awesome Node.js is and how to get involved!

Governance and Contributing

The Node.js Evangelism WG has adopted the core governance and contributing policies of Node.js.

You can view them at:

[GOVERNANCE.md](#)

[CONTRIBUTING.md](#)

Evangelism WG Members

- Mikeal Rogers - [@mikeal](#)
- Ross Kukulinski - [@rosskukulinski](#)
- Emily Rose - [@nexxylove](#)
- Julian Duque - [@julian_duque](#)
- Tierney Coren - [@bitandbang](#)
- Yosuke Furukawa - [@yosuke-furukawa](#)
- Tony Pujals - [@subfuzion](#)
- Giovanni Andres Gongora Granado - [@Gioyik](#)
- Minwoo Jung - [@jmwsoft](#)



node.js
@nodejs 님은 나를 팔로우하고 있습니다

Node.js

@nodejs 님은 나를 팔로우하고 있습니다

Evented IO for v8 JavaScript

📍 Earth

🌐 nodejs.org

🕒 가입일: 2009년 11월



👤 내가 아는 팔로워 13명



트윗

팔로잉

팔로워

관심글

1,947170279,18158

트윗트윗과 답글사진북증명서

**Node.js** @nodejs · 10월 16일

Our weekly update brought to you by [@jmwsoft](#)
nodejs.org/en/blog/weekly...

 20 20

**Node.js** @nodejs · 10월 16일

Reminder to folks attending [#NodeInteractive](#): Deadline to get a discount at the Hilton in Portland is 11/11.
events.linuxfoundation.org/events/node-in...

 7 11

Why?

Motivation

Fame and Fortune still can't find,
just a grown man runnin' out of time
Even though it seems I have everything

Sisqo - Incomplete Lyrics

Fame ?

Fortune ?

```
While(money++)  
{  
  ?--;  
}
```

original technology

Experts Versus Committer

TSC (Technical Steering Committee)



Jeremiah Senkpiel
Fishrock123



Recruiters: No thanks.



Near Toronto - Canada



fishrock123@rocketmail.com



<https://searchbeam.jit.su>



Joined on Oct 1, 2011

What we look for is usually decent understanding of node internals, to some degree of complexity, and some consistency with available time.

However, we also look for people who are generally helpful.

I was nominated because I helped tend to issues and PRs a lot.

I never had any commits in before I was a collaborator, so that's definitely also a way.

- Maybe try tackling some things in <https://github.com/nodejs/node/labels/good%20first%20contribution> or <https://github.com/nodejs/node/labels/test>. Note: it could be quite complex, but any amount of investigation helps!
- **Help with issue management is always appreciated.** Even if that is notifying people who may have forgotten / hadn't seen it.
- **Pull Request review is currently our most needed spot**, if you are able to do anything there, that'd be great!

Programming? I started by making Minecraft server mods,
primarily by watching tutorials (my code was horrible back then haha)

Node (as a user)? Wanted to make a website,
already learned javascript for front-end
so thought I'd also use it on the back since I found node somehow.

Node (as a contributor)? I got pulled in to maintaining Express.js like 2 years ago...
because I wrote a bunch of PRs to the compression parts and then got put
in charge of that part o_o.

Transitioning from that to Node core wasn't too large of a jump,
and I had been following core so io.js sorta pulled me in.

Self-taught doesn't really sum it up: but these two tweets do, I should update them

Self-Taught(?)

Community-Taught

Community-Taught



Juan Pablo Buritica
@buritica

28 Sep

There is no such thing as self-taught. I was community-taught, someone else took the time to teach me, I didn't pay for it, so I pay it fwd.



Juan Pablo Buritica
@buritica

 **Follow**

Someone else wrote that post, made that video, wrote that code, gave that talk. They gave away free time to make sure I learned something.

2:52 AM - 28 Sep 2015

  171  159

Evangelism

Communication Tips

LGTM

SGTM

LGTM

Looks Good To Me

SGTM

Sounds Good To Me

LGTM



Trott commented 3 days ago

Collaborator

LGTM if CI is happy.

I wonder why
Travis is not happy



JungMinu commented 11 days ago

Collaborator

I wonder why CI isn't happy



fhemberger commented 11 days ago

Collaborator

@JungMinu Travis is drunk. Don't worry.

Nit



Trott added a note 9 hours ago

Collaborator

Nit: italicize *LTS* in this line (usual styling for "words as words")

The first contribution

2 transport/src/main/java/io/netty/channel/ChannelConfig.java

View



@@ -245,7 +245,7 @@

MessageSizeEstimator getMessageSizeEstimator();

/**

- * Set the {@link ByteBufAllocator} which is used for the channel

+ * Set the {@link MessageSizeEstimator} which is used for the channel

* to detect the size of a message.

*/

ChannelConfig setMessageSizeEstimator(MessageSizeEstimator estimator);



JungMinu commented on Jul 19

Documentation: wrong class mentioned in setter
{@link ByteBufAllocator} -> {@link MessageSizeEstimator} on
<https://github.com/netty/netty/blob/4.0/transport/src/main/java/io/netty/channel/ChannelConfig.java#L248>

🔑 Update ChannelConfig.java ...

✓ dc3e6f6



netkins commented on Jul 19

Owner

AUTOMATED MESSAGE for ADMINS:

Please verify and accept the pull request.

To accept, say @netkins accept

To build again, say @netkins build

To whitelist the author, say @netkins whitelist

✎ JungMinu changed the title from **Update ChannelConfig.java** to **Documentation: wrong class mentioned in setter,Update ChannelConfig.java** on Jul 19

✎ JungMinu changed the title from **Documentation: wrong class mentioned in setter,Update ChannelConfig.java** to **Fix wrong class mentioned in setter,Update ChannelConfig.java** on Jul 19



normanmaurer commented on Jul 19

Collaborator

@netkins accept



normanmaurer commented on Jul 19

Collaborator

@netkins accept



JungMinu commented on Jul 19

@normanmaurer Thanks for acceptance, Do I have to take any further action to be merged?



 **normanmaurer** commented on Jul 19

Collaborator

Nope will
Do later today

...



normanmaurer commented on Jul 20

Collaborator

@codevelop thanks!

Cherry-picked into 4.0 ([3063b9c](#)), 4.1 ([5fb349c](#)) and master ([f2b445f](#))

How to contribute?





MinwooJung
@jmwsoft
Node.js evangelism WG

팔로워 추천 · 새로 고침 · 모두 보기

-  **TAG Heuer** @TAGHeuer
팔로워
프로모션 중
-  **Ubuntu** @ubuntu
팔로워
-  **substack** @substack
Tony Pujals 님 외 다수가 팔...

친구 찾기

실시간 트렌드 · 변경하기

- #일본노래_입문_월로_하셨나요
- #멘션받은_게임에_대한_생각을_써본다
- #GOT73rdWin
- #우리_장르_사람들은_다아는_한문장
- #제_노래_음색느낌은_어떤가요

트윗 12 팔로잉 33 팔로워 10 관심글 5 [프로필 수정](#)



NodeJS Top News
@NodeJSTopNews 님은 나를 팔로우하고 있습니다
Follow us for the top NodeJS news, curated by the Twitter community.



NodeSource
@nodesource 님은 나를 팔로우하고 있습니다
NodeSource, the Enterprise Node Company.



Node.js
@nodejs 님은 나를 팔로우하고 있습니다
Evented IO for v8 JavaScript



AndyYou(ZongYanYou)
@andyu0920 님은 나를 팔로우하고 있습니다
Programer , Web Developer, FrontEnd, Designer. Work in Wavinfo



Gusmawathey
@Goesma2323 님은 나를 팔로우하고 있습니다
Berusaha keras....fokus....dan terus bermimpi...!! I won't give up! #Love prOgramming# likes basket ball#Skipping# Adventure#Indocafe...



iLoveCoding
@ilovecodingorg 님은 나를 팔로우하고 있습니다
Become a Confident & Resourceful Developer. Learn via Video Screencasts and build Real World Apps and Websites. Learn Front-End,...

Step 1: Fork

Fork the project [on GitHub](#) and check out your copy locally.

```
$ git clone git@github.com:username/node.git $ cd node $ git  
remote add upstream git://github.com/nodejs/node.git
```

Which branch?

For developing new features and bug fixes, the master branch should be pulled and built upon.

Step 2: Branch

Create a feature branch and start hacking:

```
$ git checkout -b my-feature-branch -t origin/master
```

Step 3: Commit

Make sure git knows your name and email address:

```
$ git config --global user.name "J. Random User" $ git config --global user.email "j.random.user@example.com"
```

- Writing good commit logs is important. A commit log should describe what changed and why. Follow these guidelines when writing one:
- The first line should be 50 characters or less and contain a short description of the change prefixed with the name of the changed subsystem (e.g. "net: add localAddress and localPort to Socket").
- Keep the second line blank.
- Wrap all other lines at 72 columns.

A good commit log can look something like this:

subsystem: explaining the commit in one line
Body of commit message is a few lines of text, explaining things in more detail, possibly giving some background about the issue being fixed, etc. etc. The body of the commit message can be several paragraphs, and please do proper word-wrap and keep columns shorter than about 72 characters or so. That way `git log` will show things nicely even when it is indented.

Step 4: Rebase

Use git rebase (not git merge) to sync your work from time t
o time.

```
$ git fetch upstream $ git rebase upstream/master
```

Step 5: Test

- Bug fixes and features **should come with tests**. Add your tests in the test/parallel/ directory. Look at other tests to see how they should be structured (license boilerplate, common includes, etc.).
- `$ ./configure && make -j8 test` Make sure the linter is happy and that all tests pass. Please, do not submit patches that fail either check.
- If you are updating tests and just want to run a single test to check it, you can use this syntax to run it exactly as the test harness would:

Step 6: Push

\$ git push origin my-feature-branch Go to <https://github.com/yourusername/node> and select your feature branch. Click the 'Pull Request' button and fill out the form.

- Pull requests are usually reviewed within a few days. If there are comments to address, apply your changes in a separate commit and push that to your feature branch.
- Post a comment in the pull request afterwards;
- GitHub does not send out notifications when you add commits.

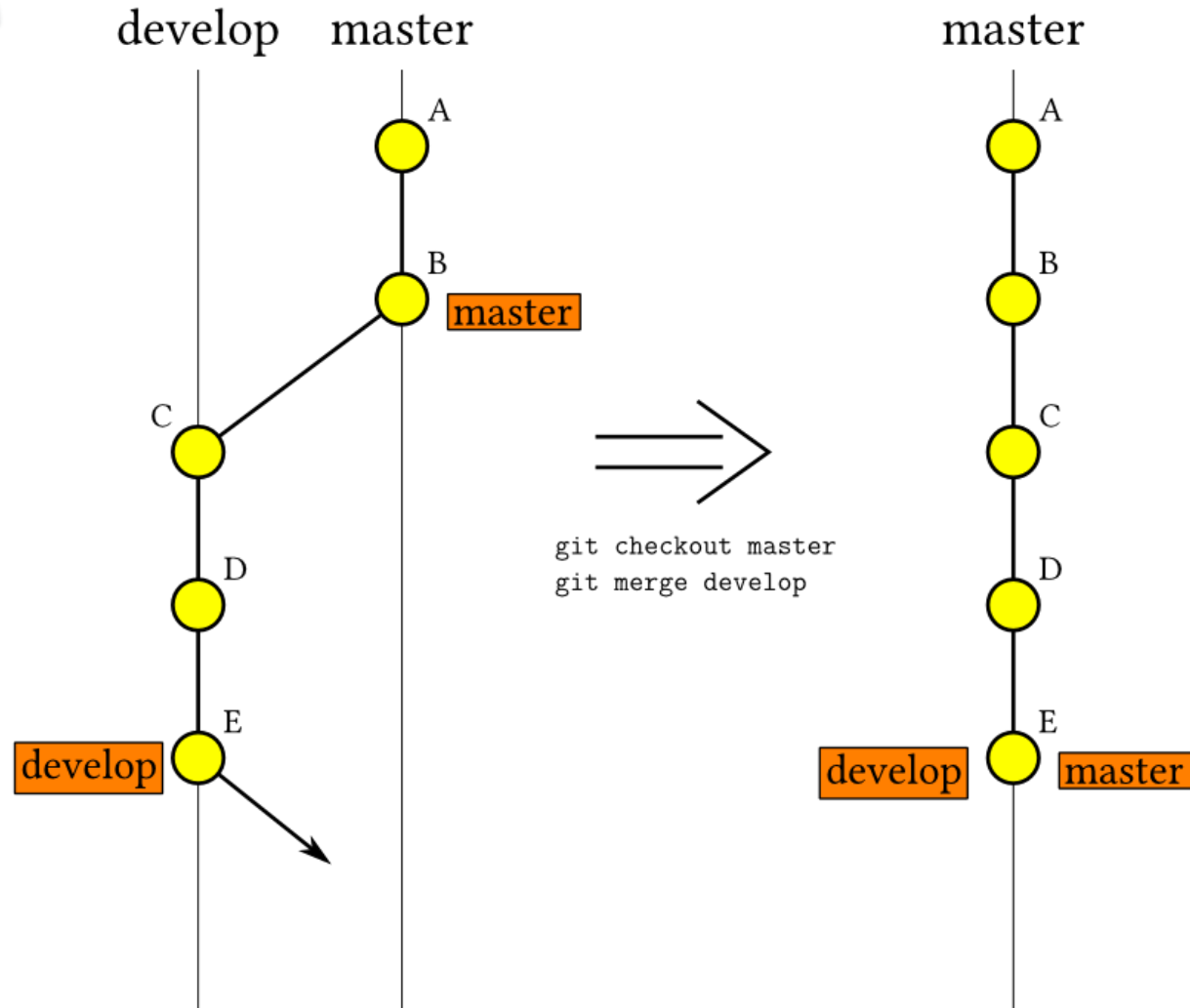
Git Tips

- Rebase
- Merge
- Cherry Pick

Merge

- 로컬 저장소에서 분기하고 작업한 Branch를 리뷰 등을 위해 원격 저장소에서 Push한 뒤,
- Review가 끝나고 PM이 Main stream branch에 병합하는 순서로 작업을 진행할 때 활용
- Branch가 그대로 유지되기 때문에 나중에 추가 작업을 해야 할 경우나, 큰 규모의 Topic인 경우 이 방법으로 작업

Merge



Rebase, Cherry-Pick

- 히스토리를 평평하게 관리하려고 Merge보다 Rebase나 Cherry-Pick을 더 선호하는 관리자들도 있다.
- 토픽 브랜치에서 작업을 마친 후 master에 통합할 때 master 브랜치를 기반으로 Rebase한다. 그러면 커밋이 다시 만들어 진다.
- master 대신 develop 등의 브랜치에도 가능하다.
- 문제가 없으면 master 브랜치를 Fast-forward시킨다. 이렇게 평평한 히스토리를 유지할 수 있다.

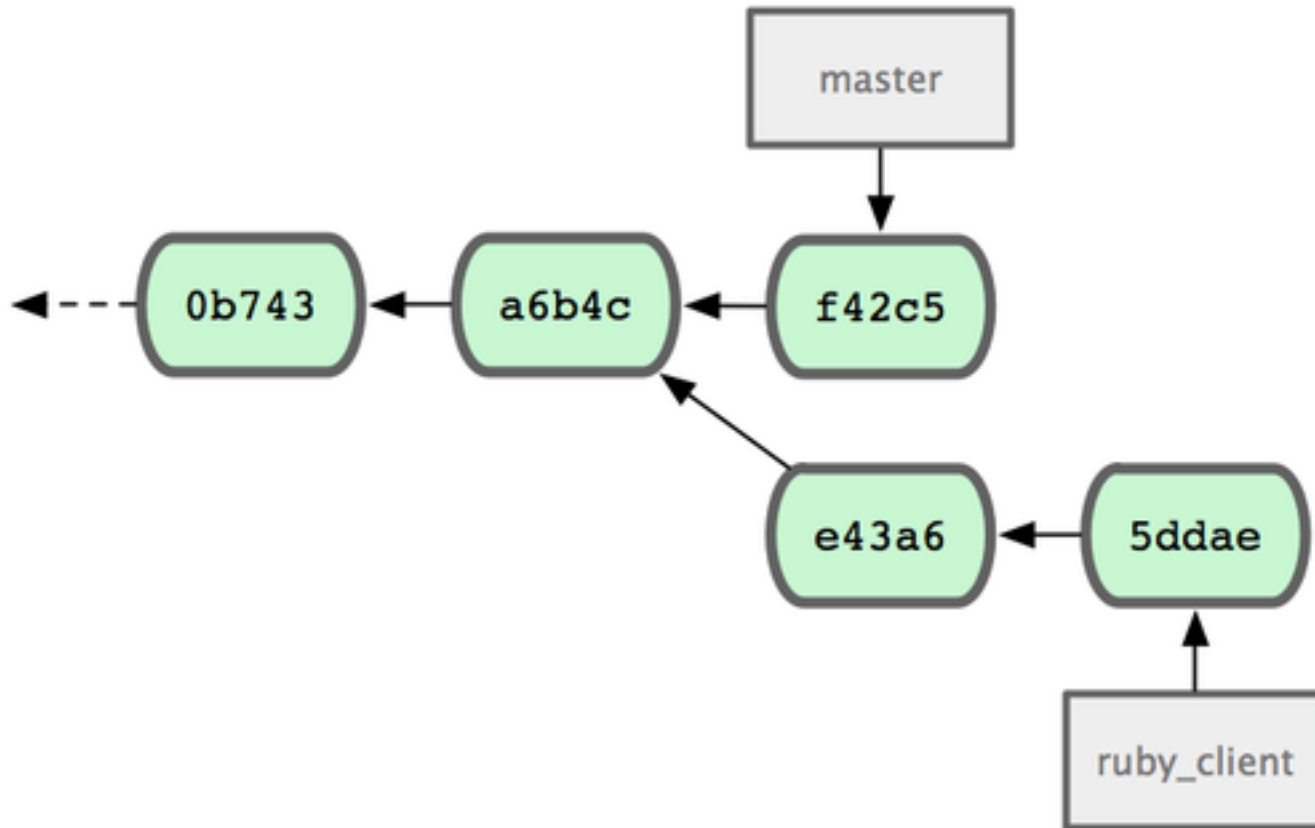
Rebase

- 로컬 저장소에서 작업을 위해 개인적으로 만든 Branch를 Main stream branch에 반영하여 Push 하기 위해 활용
- 로컬에 개인적으로 만든 Branch는 Push 이후 정리를 하면서 대개 삭제
- 대개 Hotfix와 같이 단기간에 끝나는 Topic의 경우 이 방법으로 작업

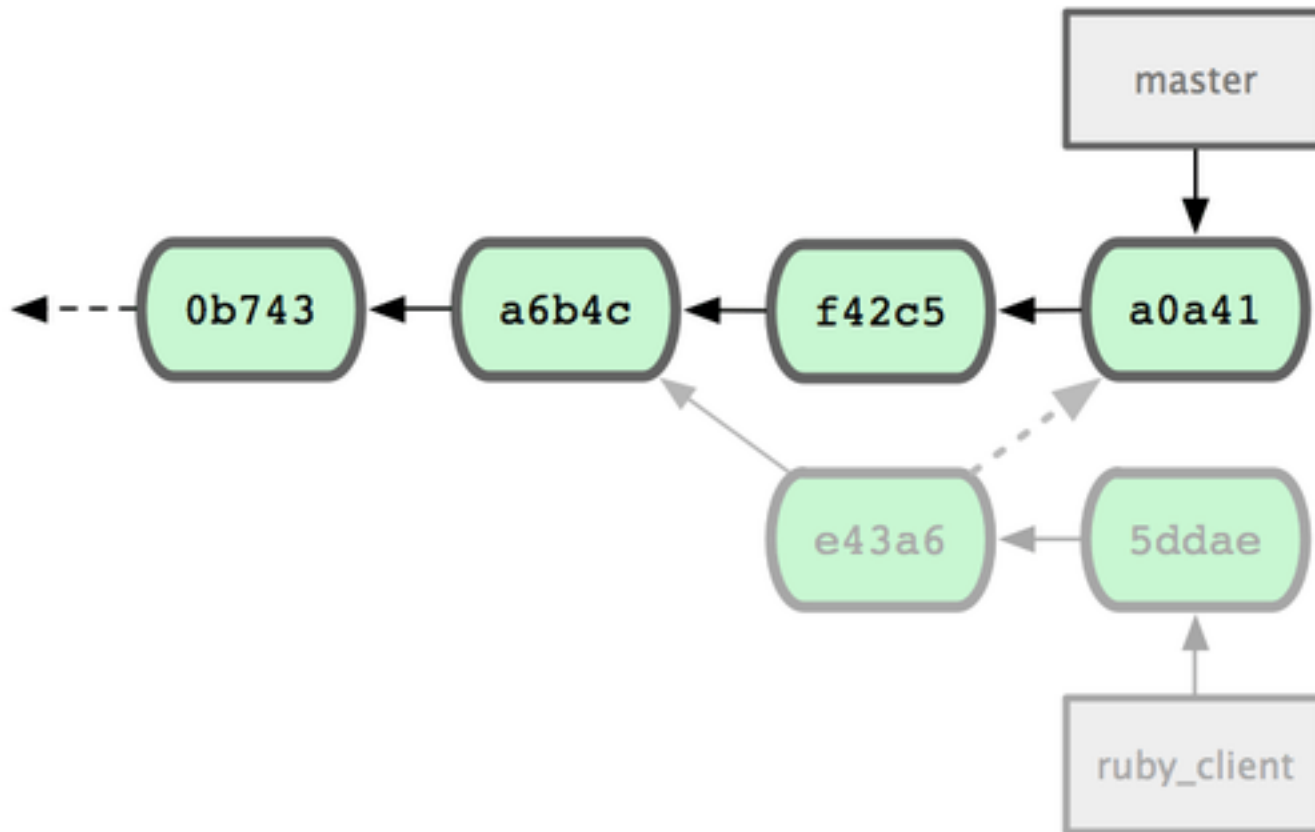
Cherry Pick

- Git의 Cherry-pick은 커밋 하나만 Rebase
- 커밋 하나로 Patch 내용을 만들어 현재 브랜치에 적용
- 토픽 브랜치에 있는 커밋중에서 하나만 고르거나 토픽 브랜치에 커밋이 하나밖에 없을 때 Rebase보다 유용

Cherry Pick (Before)



Cherry Pick (After)



Open Source CI

Open Source Evangelism



- People
- Build History
- Project Relationship
- Check File Fingerprint
- Disk usage
- We Need Beer

Build Queue

No builds in the queue.

Build Executor Status

- master
 - 1 [infra_pluginmirror](#) #82358
 - 2 [infra_drupalcron](#) #180691
- cabbage
 - 1 Idle
 - 2 Idle
- celery
 - 1 Idle
 - 2 Idle
- remote-slave-3 (offline)
- remote-slave-6
 - 1 Idle
 - 2 Idle
- remote-slave-7 (offline)
- remote-slave-8 (offline)

All All Disabled **All Failed** All Unstable Infrastructure Jenkins core Libraries Other Projects

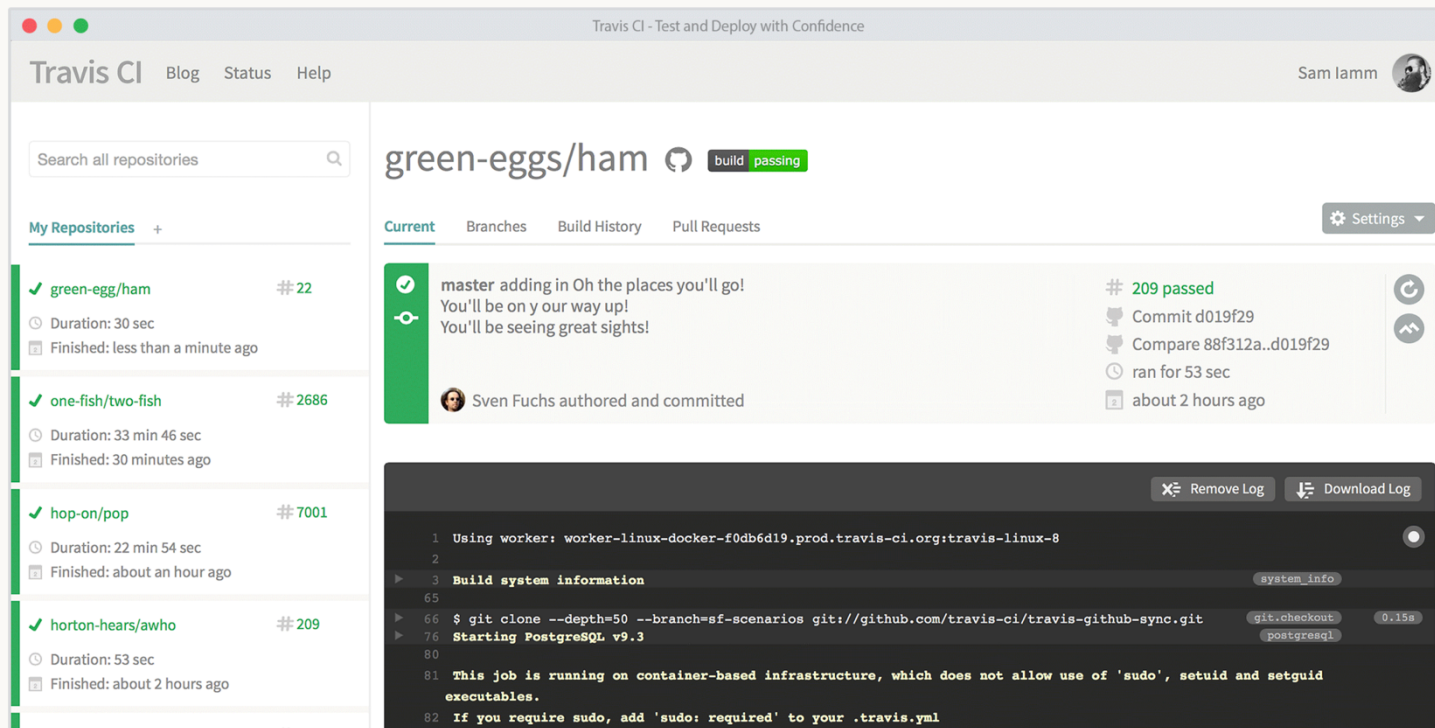
S	W	Name ↓	Last Success	Last Failure	Last Duration	LC
		core_selenium-test	N/A	2 yr 11 mo - #18	12 min	
		infra_backend-merge-all-repo	1 yr 0 mo - #138	2 days 6 hr - #188	5 hr 8 min	
		infra_commit_history_generation	1 yr 3 mo - #421	14 hr - #887	4 min 8 sec	
		infra_extension-indexer	2 mo 26 days - #191	17 hr - #262	33 min	
		infra_mock-ldap	6 mo 26 days - #1	5 mo 26 days - #2	6 min 30 sec	
		infra_plugin_changes_report	1 yr 7 mo - #304	1 day 1 hr - #389	13 min	
		infra_plugins_svn_to_git	4 yr 11 mo - #593	4 yr 11 mo - #768	4 min 54 sec	
		infra_svnsync	4 yr 8 mo - #21199	4 yr 8 mo - #21243	1.5 sec	
		infra_sync_maven-hpi-plugin_www	N/A	1 mo 5 days - #659	3.9 sec	
		jenkins_pom	1 yr 0 mo - #264	1 day 13 hr - #321	47 sec	
		jenkins_ui-changes_branch	3 yr 4 mo - #32	3 yr 0 mo - #33	4 min 55 sec	
		kohsuke_github-api	3 mo 15 days - #5489	1 mo 2 days - #5502	53 sec	
		lib-jira-api	1 yr 8 mo - #5354	1 yr 5 mo - #5355	58 sec	
		libs_svnkit	N/A	3 yr 8 mo - #11	19 sec	
		selenium-tests	N/A	2 yr 11 mo - #11	22 sec	

Icon: [S](#) [M](#) [L](#)

[Legend](#) [RSS for all](#) [RSS for failures](#) [RSS for just latest builds](#)

Test and Deploy with Confidence

Easily sync your GitHub projects with Travis CI and you'll be testing your code in minutes!

 Sign Up

The screenshot displays the Travis CI web interface. At the top, the navigation bar includes 'Travis CI', 'Blog', 'Status', and 'Help'. The user 'Sam Iamm' is logged in. The main content area shows the repository 'green-egg/ham' with a 'build passing' status. The left sidebar lists 'My Repositories' with four entries: 'green-egg/ham' (#22), 'one-fish/two-fish' (#2686), 'hop-on/pop' (#7001), and 'horton-hears/awho' (#209). The main panel shows the 'Current' build for 'green-egg/ham' on the 'master' branch, which passed 209 tests. The build log is visible, showing system information and the start of a PostgreSQL installation.

Travis CI - Test and Deploy with Confidence

Travis CI Blog Status Help Sam Iamm

Search all repositories

My Repositories +

- ✓ green-egg/ham #22
Duration: 30 sec
Finished: less than a minute ago
- ✓ one-fish/two-fish #2686
Duration: 33 min 46 sec
Finished: 30 minutes ago
- ✓ hop-on/pop #7001
Duration: 22 min 54 sec
Finished: about an hour ago
- ✓ horton-hears/awho #209
Duration: 53 sec
Finished: about 2 hours ago

green-egg/ham build passing

Current Branches Build History Pull Requests Settings

✓ master adding in Oh the places you'll go!
You'll be on y our way up!
You'll be seeing great sights!
Sven Fuchs authored and committed

209 passed
Commit d019f29
Compare 88f312a..d019f29
ran for 53 sec
about 2 hours ago

Remove Log Download Log

```
1 Using worker: worker-linux-docker-f0db6d19.prod.travis-ci.org:travis-linux-8
2
3 Build system information system_info
65
66 $ git clone --depth=50 --branch=sf-scenarios git://github.com/travis-ci/travis-github-sync.git git.checkout 0.15s
76 Starting PostgreSQL v9.3 postgresql
80
81 This job is running on container-based infrastructure, which does not allow use of 'sudo', setuid and setgid
  executables.
82 If you require sudo, add 'sudo: required' to your .travis.yml
```

The home of open source testing

Node.js

Javascript ?

Script ?

Performance ?



Project Home [Downloads](#) [Wiki](#) [Issues](#) [Source](#) [Export to GitHub](#)

Summary [People](#)

Project Information

[Project feeds](#)

Code license
[New BSD License](#)

Labels
[Google](#), [JavaScript](#),
[CPlusPlus](#)

 **Members**
v8.team...@gmail.com

V8 JavaScript Engine

V8 is Google's open source JavaScript engine.

V8 is written in C++ and is used in Google Chrome, the open source browser from Google.

V8 implements ECMAScript as specified in [ECMA-262](#), 5th edition, and runs on Windows (x86 and x64) systems that use IA-32 (SSE2 required), x64, ARM (ARMv6 + VFP2 required) or MIPS processors.

V8 can run standalone, or can be [embedded](#) into any C++ application.

You can find more information here:



libuv

What is Node.JS made of?

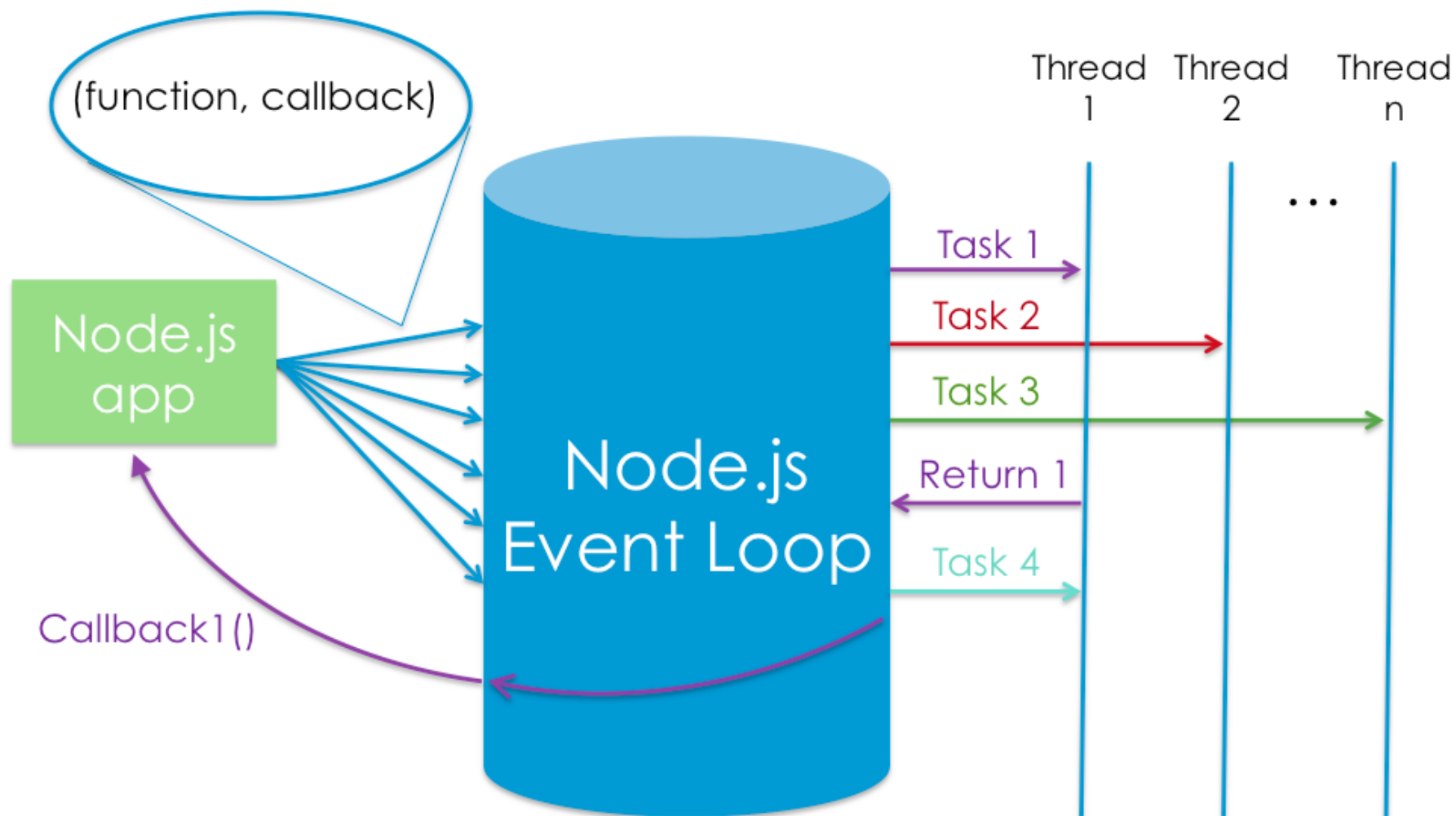
node standard library http(s), net, stream, fs, events, buffer				JS
node bindings				JS / C++
V8 JavaScript VM	libuv thread pool event loop async I/O	C-ares async DNS	http_parser OpenSSL zlib, etc.	C/C++

1

Node apps pass async tasks to the event loop, along with a callback

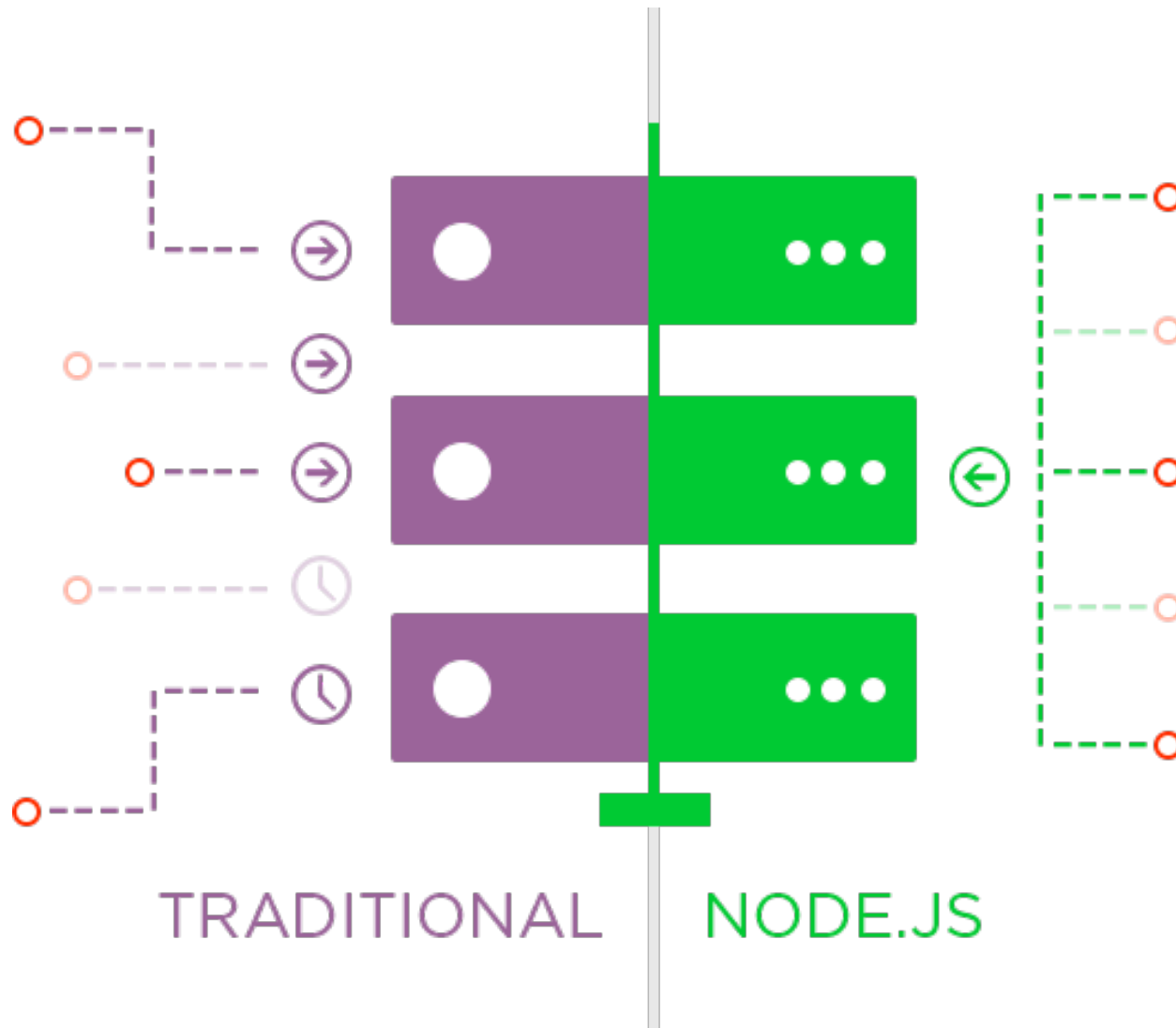
2

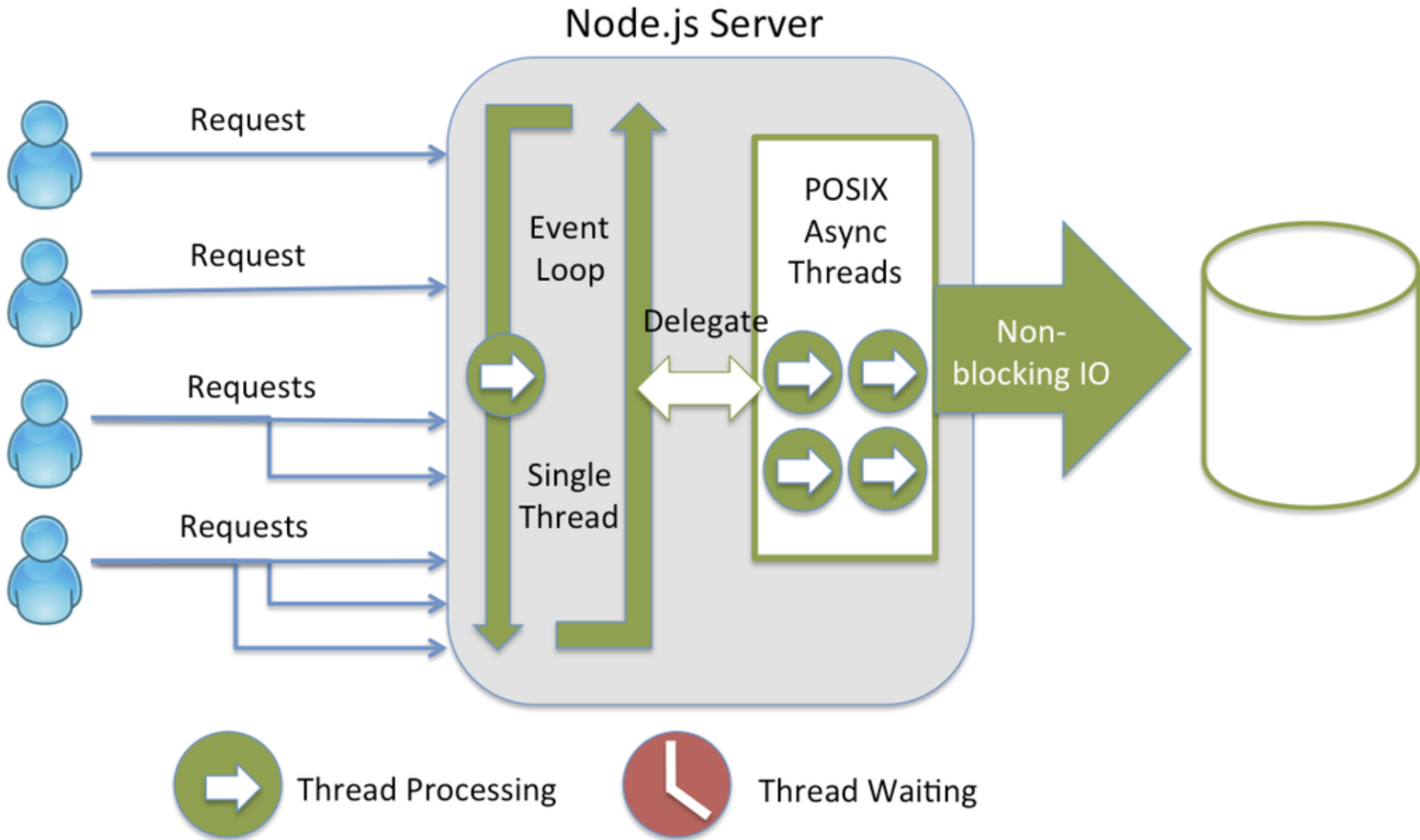
The event loop efficiently manages a thread pool and executes tasks efficiently...

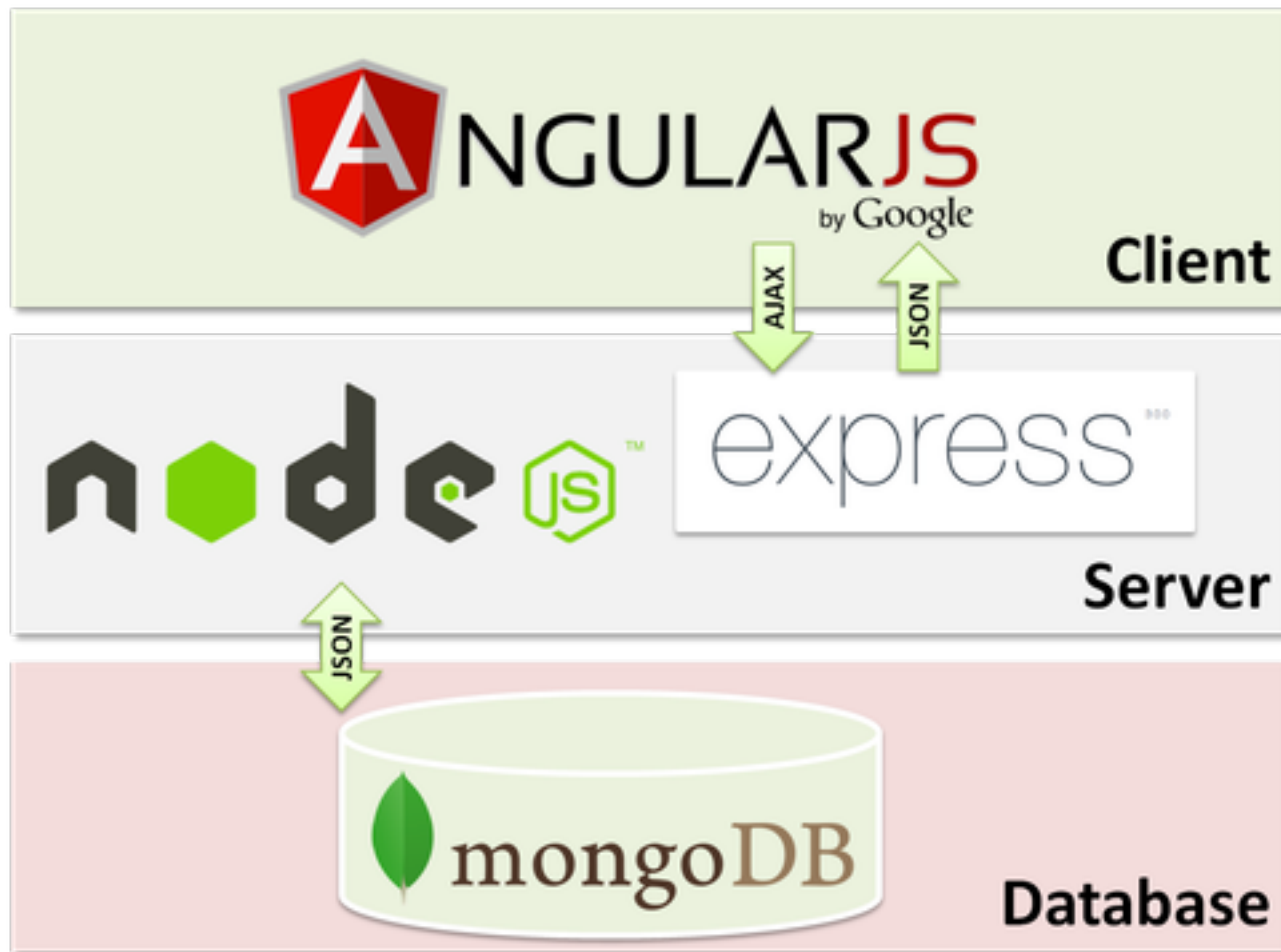


3

...and executes each callback as tasks complete







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