Time to renovate

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20

Let's assume that you have this many services.

15

Let's assume that each service has this many dependencies.

10

Let's assume that you spend this many minutes to uplift each dependency.

1

Let's assume that you need to update each dependency this many times per month.

So you spend
50 hours per month
doing routine tasks

Why do you need to update?

- Security
- Performance
- Bug fixes
- New features

How you do it now

1. OK, let's update.
2. Create ticket.
3. Prioritize.
4. Take to sprint.
5. Assign.
6. Create pull request.
7. Review pull request.
8. Merge pull request.
9. Close the task.

How you can do it

Minor versions updates:

1. Nothing to do - updates are automated.

Major versions updates:

1. Review pull request created automatically.
2. Merge pull request.

Existing solutions

	Language	Hosting	Self hosting	License *
Depfu	Ruby, JS	Github, Gitlab	No	Commercial
Greenkeeper	JS	Github	Yes	Commercial
PyUp	Python	Github, Gitlab	Yes	MIT
Renovate	.NET, Go, Java, JS, Python, Ruby, PHP	Azure, Bitbucket, Github, Gitlab	Yes	AGPL v3.0
Requires.io	Python	Github	No	Commercial
snyk	.NET, Go, Java, JS, Python, Ruby, PHP	Github	Yes	Commercial

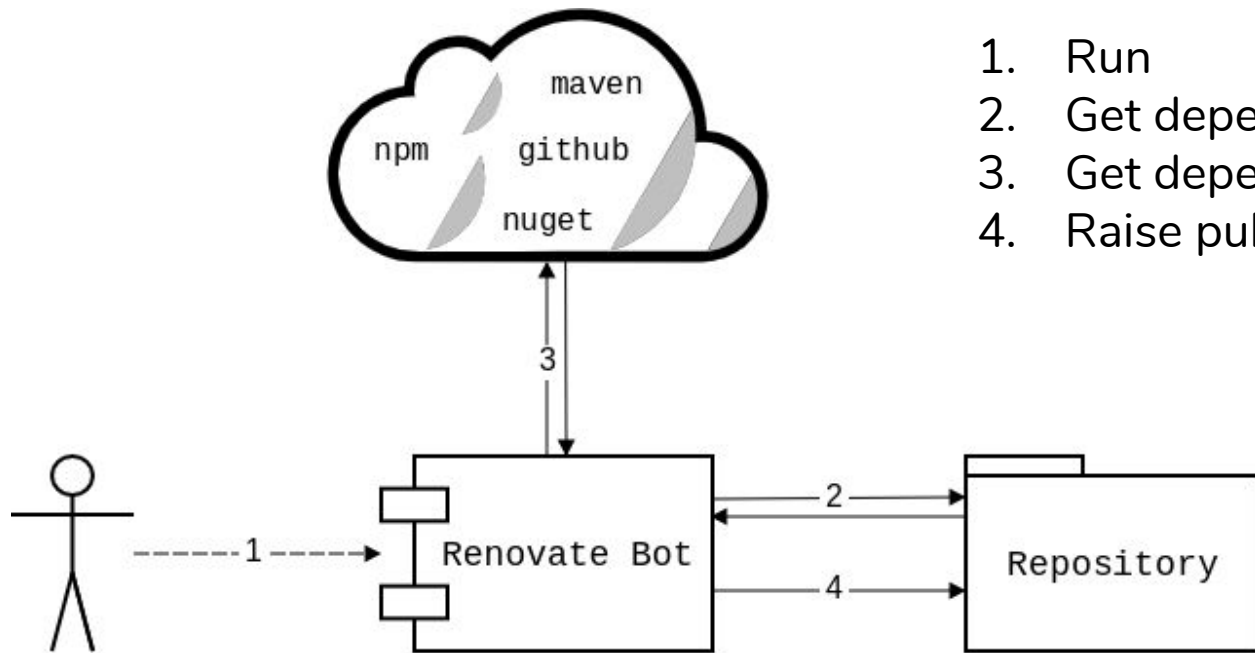# Renovate. Users

Renovate. How it works

1. Run
2. Get dependencies
3. Get dependencies metadata
4. Raise pull request

Renovate. Questions to address

- Self hosting
- Security
- Legal questions:
    - [License review](#)
    - [Ability to contribute](#)

Renovate. Self hosting

1. A separate Github access token to make request to github.
2. A user with read/write permission to repository.
3. A server to host and run renovate bot on schedule:
    a. as node js application
    b. as docker container with node js app

* https://github.com/renovatebot/renovate/blob/master/docs/self-hosting.md

So you save
50 hours per month
and not doing routine tasks