

Slack and Git are your best friends



slack



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How to communicate as a team?



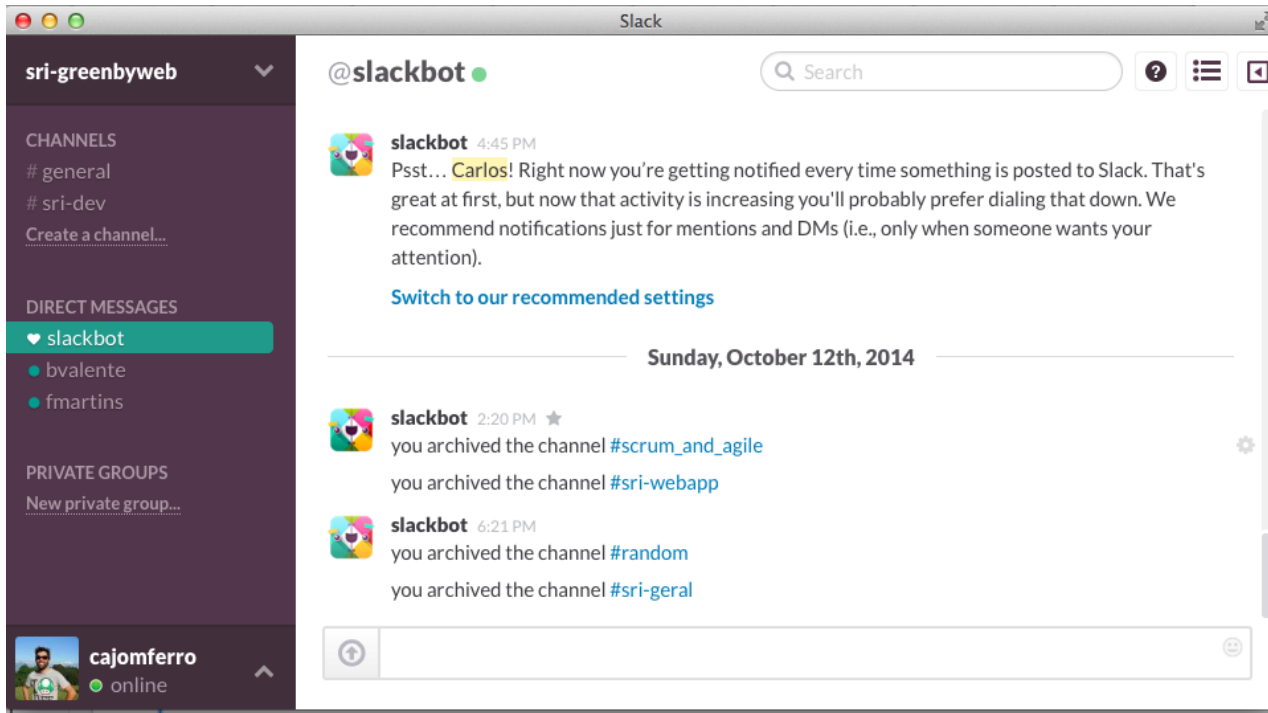
Problems

- Not business oriented
- Content indexing and history
- Sharing media content with preview
- No integration with other business tools
- Notion of topic doesn't exist
- Support for several platforms
- Code indentation

Comparing

	Messenger	Whatsapp	mIRC	Facebook	Google+	Skype
History	✗	✗	✗	✓	✓	✓
Preview	✗	✓	✗	✓	?	✗
Topics	✗	✗/✓	✓	✗/✓	✗/✓	✗
Platforms	iOS/OSX	iOS/android	?	all	all	all
Integration	✗	✗	✗	✗/✓	✗/✓	✗
Indentation	✗	✗	✗	✗	✗	✗

And the winner is...Slack!



Features show off

- channels (topics)
- media sharing and preview
- everything is searchable
- i can mention my colleagues and groups
- integration with other tools
- indentation
- works in iOS, Android, OSX, Windows

And what about VCS?



...and many more!

Why git?

- distributed repositories
- branching
- merge works!
- got popular with
 - Hosting sites: GitHub, GitLab, and BitBucket
 - Big companies: Google, Facebook, Twitter, Netflix, Microsoft, LinkedIn, and many many more

Best of both worlds



Work environment example

- My team works in several projects
- I work in 2 projects at the same time

This means...

- I have access to 2 repositories (SJC-backend and SJC-frontend)
- I have at least 2 channels on slack (#sjc-backend and #sjc-frontend)

Now the interesting part

I make a commit/push on *SJC-backend* and everyone subscribed to #sjc-backend gets instantaneously notified

Also, I subscribed to #sjc-frontend and I can see everytime the repo *SJC-frontend* got changed.

How is this possible?

GIT hooks + Slack incoming webhooks

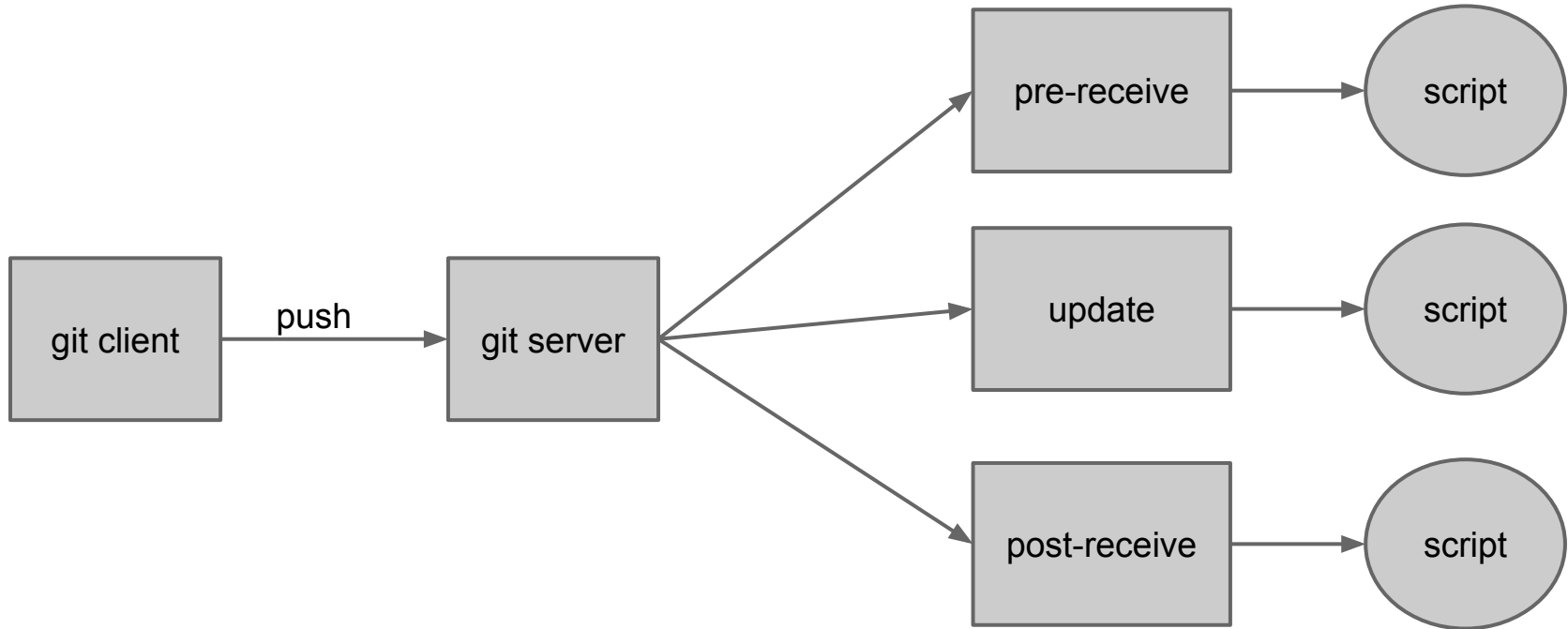
Git hooks

To fire off custom scripts when certain important actions occur

Can be client-side and server-side.

Example (server-side): notifying a continuous integration server after a push

Git hooks (server-side)



Slack incoming webhooks

```
curl -X POST --data-urlencode 'payload={"channel": "#general", "username": "Bruce Wayne", "text": "Why do we fall? So we can learn to pick ourselves back up.", "icon_url": "http://static.comicvine.com/uploads/ignore_jpg_scale_small/12/120730/3112091-batman%5B1%5D.png"}' https://greenbyweb.slack.com/services/hooks/incoming-webhook?token=J5yb3GSXvjv8eNIHq1oN7Dsi
```

Demo

1. Create new channel on slack
2. Configure new integration (webhook)
3. Create server git repository
4. Configure git hook script
5. Make a commit/push and see notification on slack

The end

Thank you!