

学习Git和GitKraken

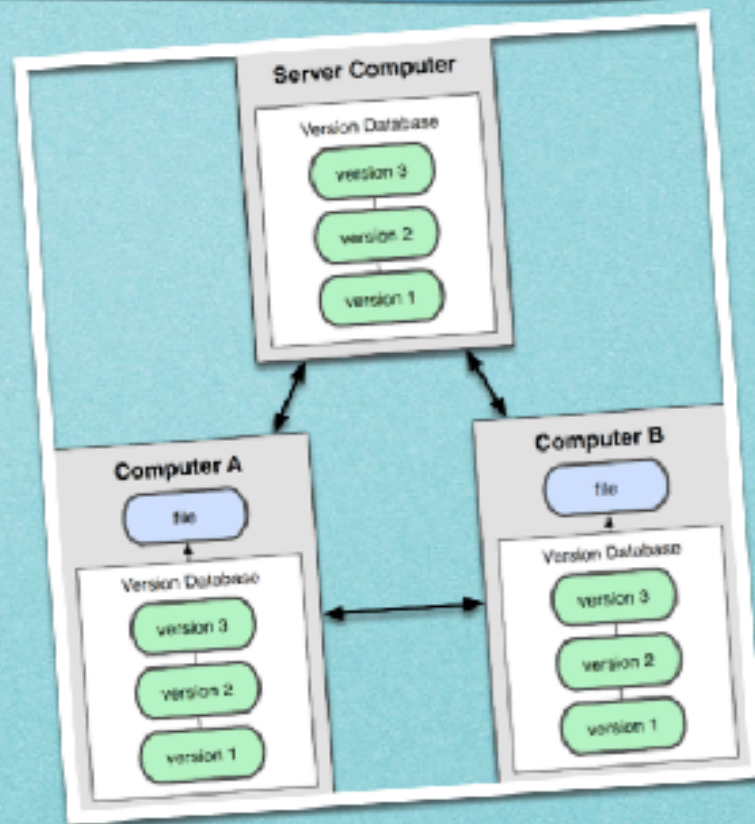
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什么是Git

分散式版本控制

- ▶ 「大家都有完整資料庫」
- ▶ 「大家都能獨立工作」
- ▶ 「Server爛了不要緊，拿到一份好的資料庫灌回去就可以全部復原！」
- ▶ 現在爆紅的 `git`, `Mercurial` (`hg`), `bazaar` (`bzr`) 都屬此類
- ▶ 問題：亂成一團？？？
用好的Branch機制來解決！



Git的文件存储过程



多人和服务器端的协作

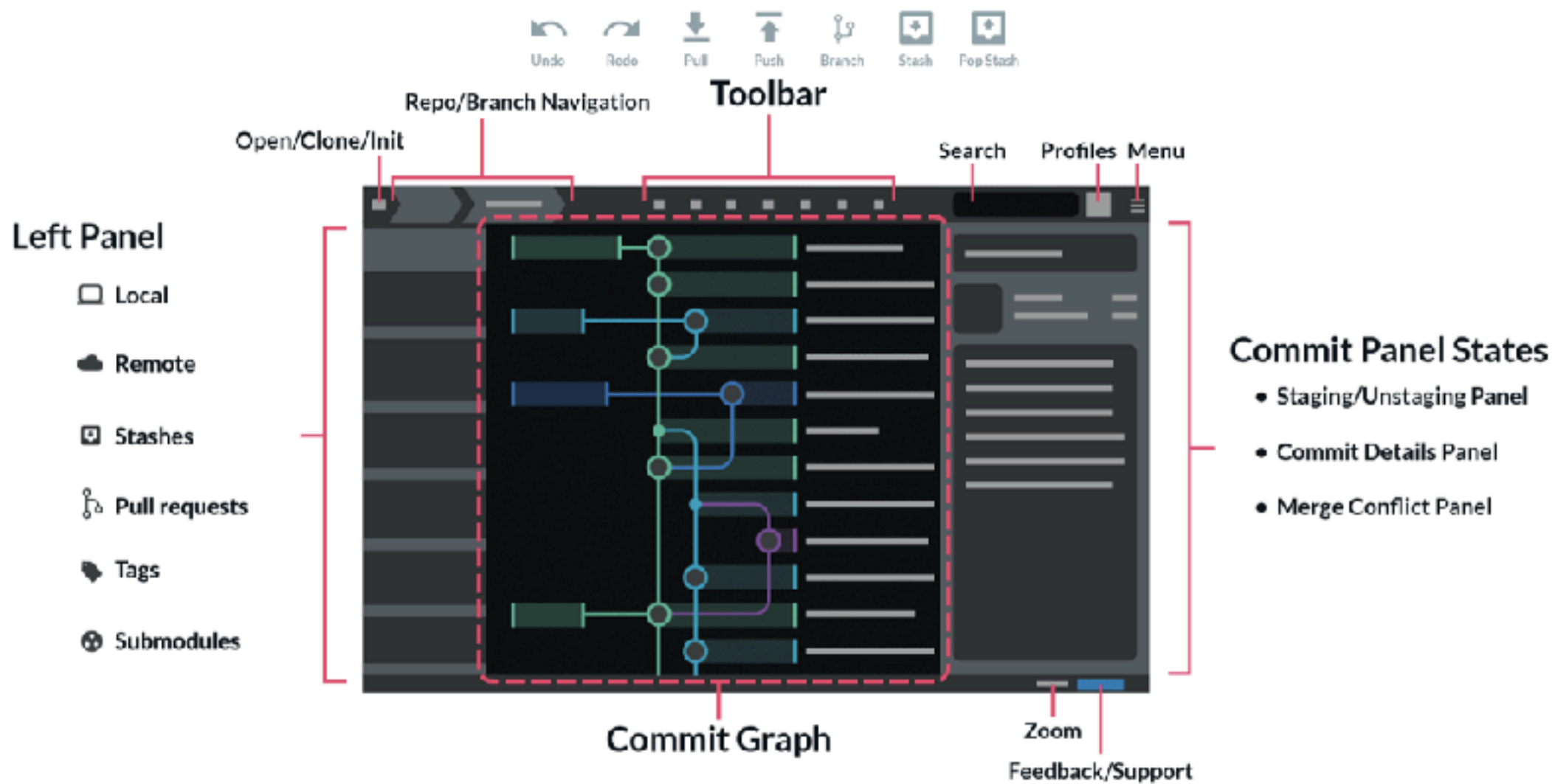


什么是GitKraken

- 注意：这个软件只是做版本管理的，如果你要对文件或文件夹进行编辑，你得下载vscode作为编辑器！

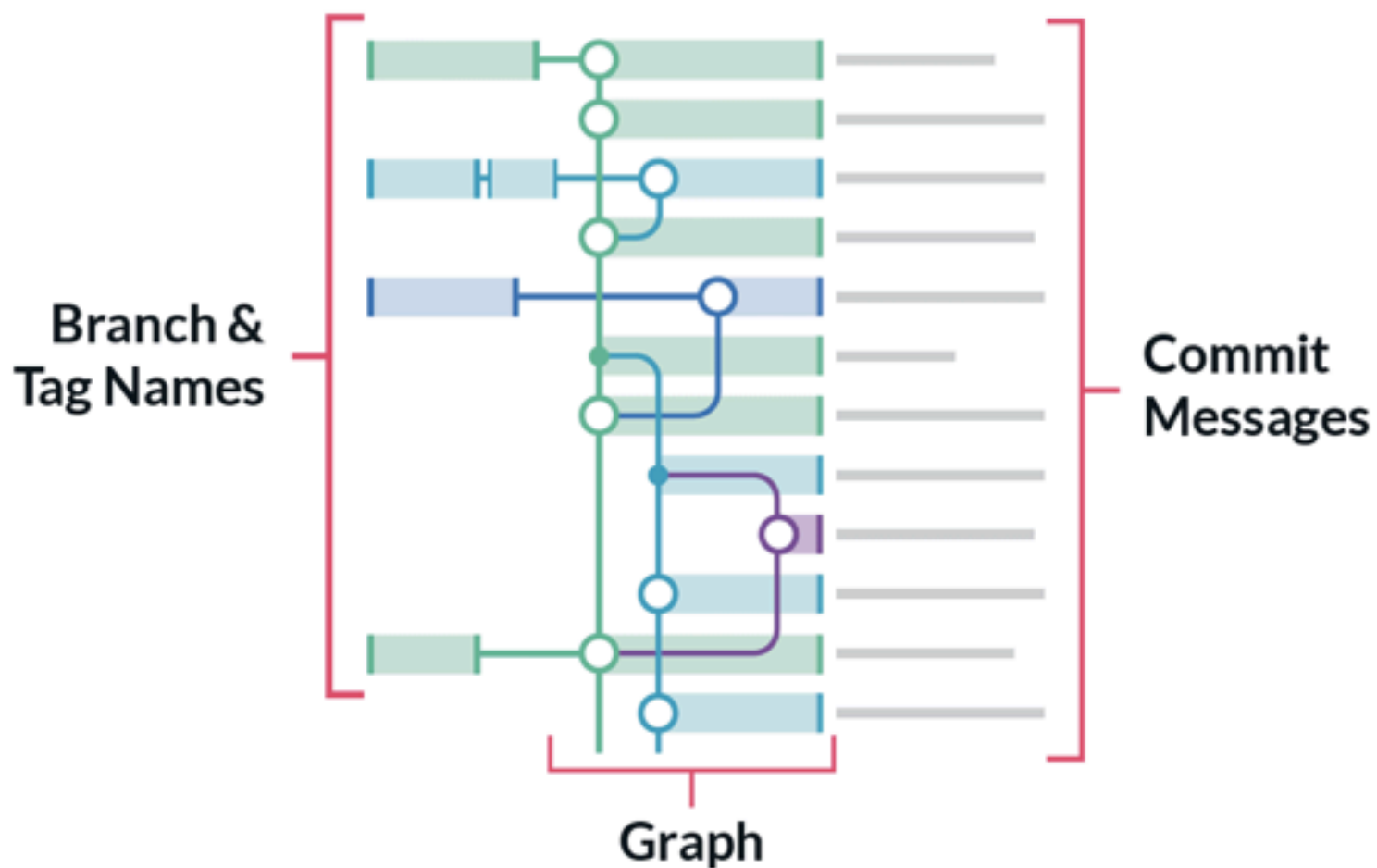


GitKraken用户界面



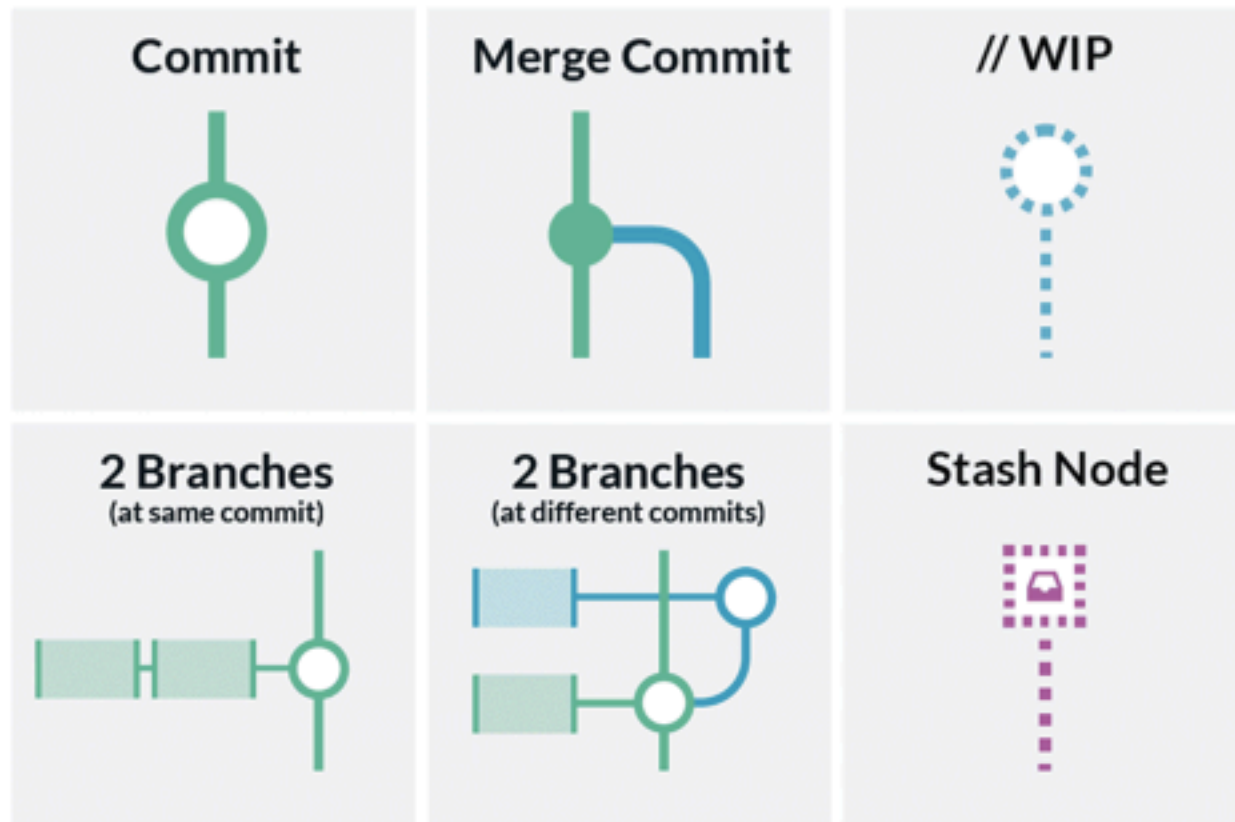
Git中的Commit历史细节

Commit Graph Detail (light theme)



节点图标代表什么意思

Graph Elements & Actions



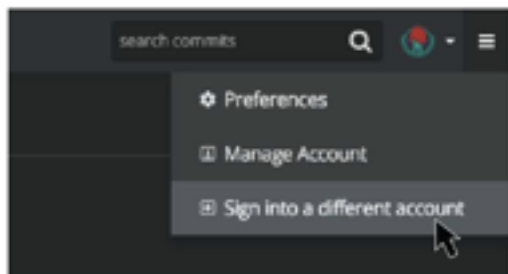
如何把GitKraken连到Github

Log in to GitKraken with your GitHub account

First-time GitKraken users can choose to sign in using GitHub credentials instead of creating a new GitKraken account. This speeds up the sign-in process and connects GitHub to GitKraken so you won't be prompted to enter a password when pushing to repos over HTTP/HTTPS (see below for SSH connections).



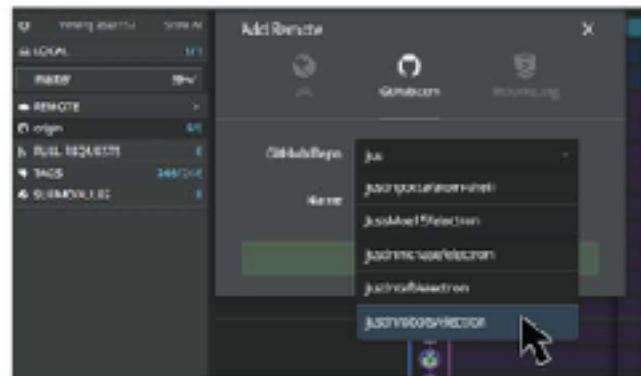
Users who have already created a GitKraken account can switch to GitHub sign-in by clicking 'Sign into a different account' in the main menu, then clicking 'Sign in with GitHub'.



NOTE: the email used to create your GitKraken account must be added as a verified email on your GitHub account before switching to this sign-in option. You can add an email to your GitHub account in Settings > Email.

Cloning and adding remote repositories

With our integration, cloning and adding remote repositories from GitHub couldn't be easier. In either case, you are able to search through repos that you have access to on GitHub. This includes your own repos and any repos you are allowed to view within an organization.



To clone a repo: click Repo Menu (folder icon in the upper left corner) > Clone > GitHub

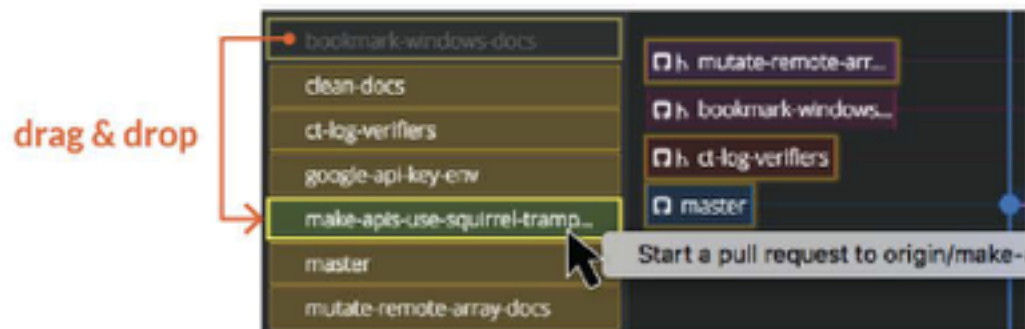
To add a remote: in the left panel, clicking the '+' button on the 'REMOTE' header.

Pull Request协作编辑的操作过程

Create and view GitHub pull requests in GitKraken

There are a few ways to start a GitHub Pull Request in GitKraken:

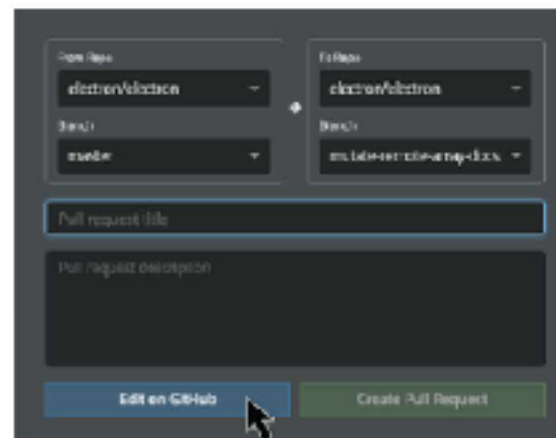
1) Drag the remote branch with your changes and drop it onto the branch that will receive the PR and select 'Start a pull request to'. **Branches can be dragged & dropped in either the left panel or in the graph.**



2) Or in the 'PULL REQUESTS' header in the left panel, click the '+' button to initiate a PR.



Next, complete the Create Pull Request form (initiating the PR process by dragging one branch onto another will prefill the repo and branch information). You can choose to create the PR from here, or continue editing the PR on GitHub by clicking 'Edit on GitHub'.



If you complete the Pull Request in GitKraken, you'll see a notification stating the PR was successfully completed and a link to open that PR in GitHub to review. In GitKraken, you can directly view 'open' PRs for remote repos you've added. They are organized by repo and provide additional information on hover.