FAQs (Frequently Asked Questions)

- **Does it detect if any folder is created inside a `git` repository?**

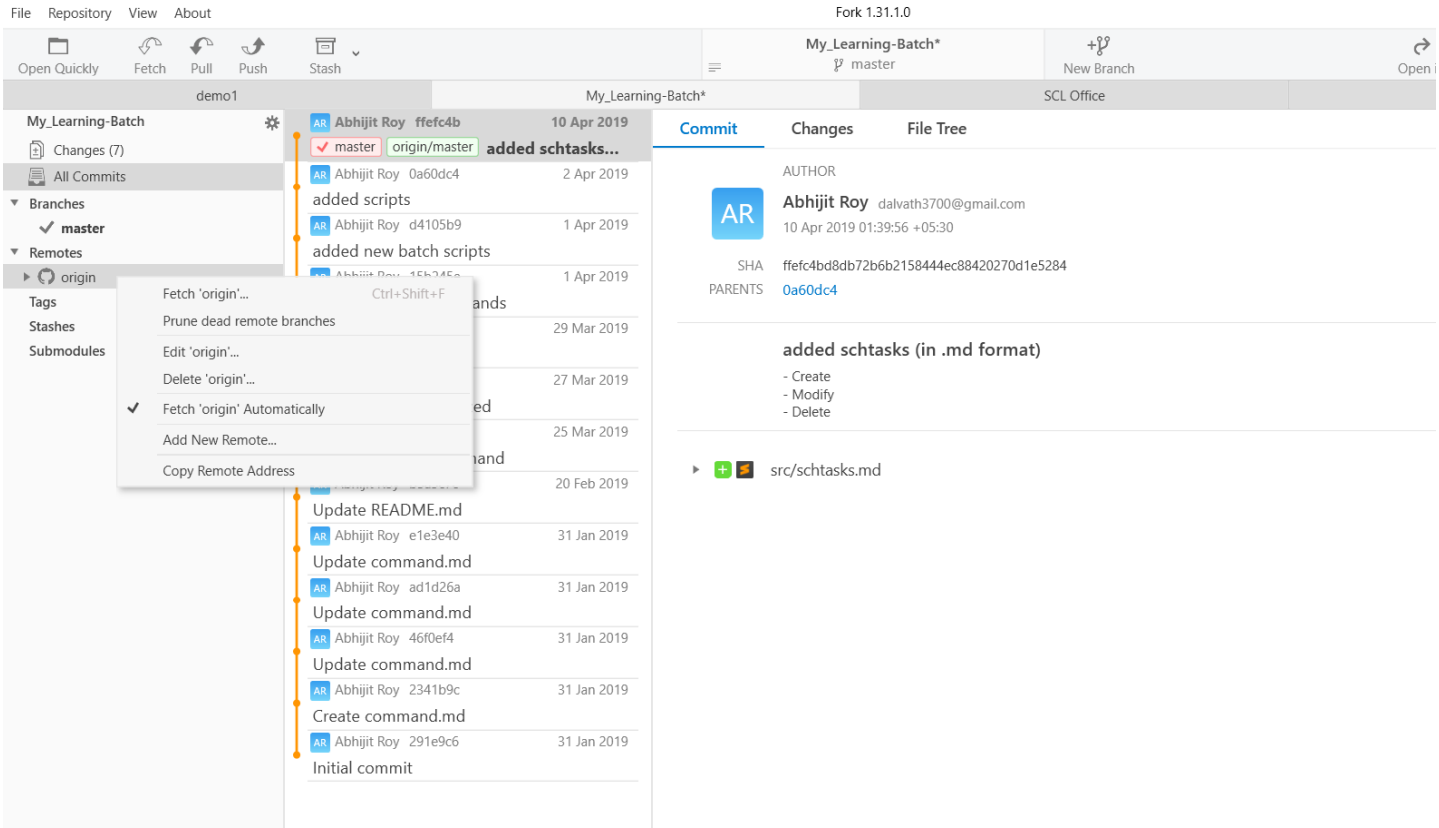
  No.

  It detects file changes:

  - add a file
  - rename a file
  - delete a file
  - edit the file content
  - move a folder: will be considered as **deleting a file from one directory** and **adding a file to another directory**. Basically, `1` and `3` steps above.

- **Can Auto-fetch be turned ON for a git repository?**

  Yes. it can be done like this **Right click on origin on the left pane** in Git-Fork Application:



  In the image above, you can see **Fetch 'origin' Automatically** (ticked) on the left pane. This means that it would fetch the repository always when the Fork is opened.

- **Can we automatically `pull` and `push` all the time?**

  Yes, it can be done using a batch file (created inside the repository).

  In an Intranet (like Office), it depends on 2 things:

  - the Server computer (where the repository is)
    - RAM
    - CPU

- the network cable connection (max. upload & download speed)

So, it is **not recommended** to use synchronization (i.e. push & pull) all the time.

- ### Suppose in a team, someone has pushed and then deleted a file and then pushed again. What will be shown in this case? Can the file (with deleted content) be retrieved ever?

  Both. All the change logs will be maintained once it is pushed.

  Yes, the file (with deleted content) can be retrieved by going back to the point (in chain history), where the file is available and start a new branch from there. Also, you can rename this new branch as **Master** and discard the other mis-leading branch by renaming as something else.

- ### What will happen to a file if 2 or more persons are concurrently editing a file?

  Suppose, there are 2 users - A and B.

  There is a file - "file.txt" with following content.

  ```
  Ramesh is a good boy.
  ```

  User **A** edits the file as:

  ```
  Ramesh is a good boy.
  A is a good boy.
  ```

  Concurrently, User **B** edits the file as:

  ```
  Ramesh is a good boy.
  B is a good boy.
  ```

  And suppose, user **A** pushed the file. And After sometime, user **B** pushes the file with his content above.

  Now, the software asks to `pull` first (in order to sync) and then would allow to push the change (if any).

  The final content would be like this:

  ```
  Ramesh is a good boy.
  B is a good boy.
  ```

  as user **B** pushed his content last.

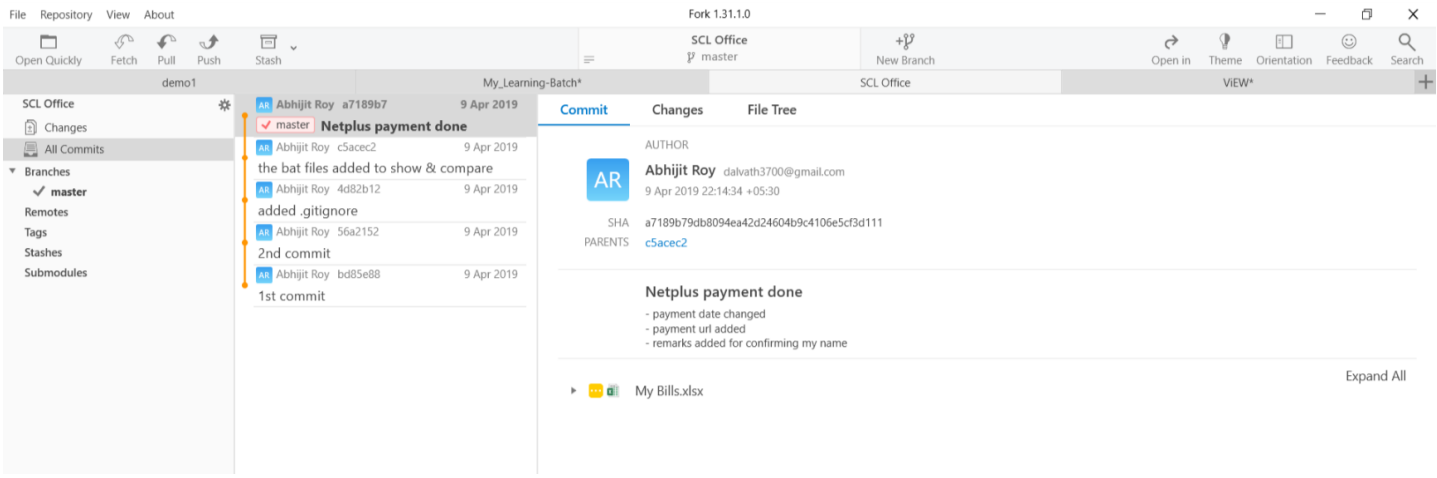
  But the beauty here is that if both agrees to discard **B**'s content, then it can be reverted to **A**'s content and then move ahead from there.

- ### What if I don't have a server and record the changes for myself? Is it doable?

  Yes!
  As many people would like to record changes for individual purpose. In this case, follow this procedure:

  - the folder needs to initiated with `.git` using `Fork Client` application.
  - `stage` the changes, basically select file(s) to be recorded.
  - `commit` the changes, basically record the changes with any comment(s).
  - No need to `push` the **repository**, as you don't have any server (as per your choice).

The following picture shows the repository (named **SCL Office**), maintained without any server (basically, no `push` used, but `stage` + `commit`):



In the image above, you can find there is no `origin/master` (i.e. master branch of Remote server), but only `master` (i.e. master branch of locally stored folder)