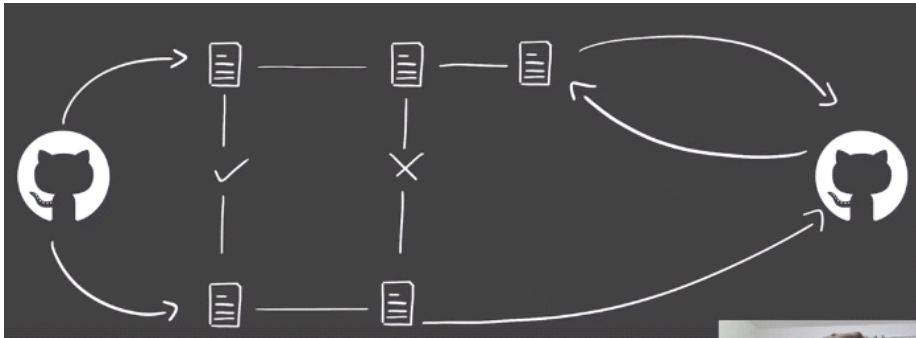


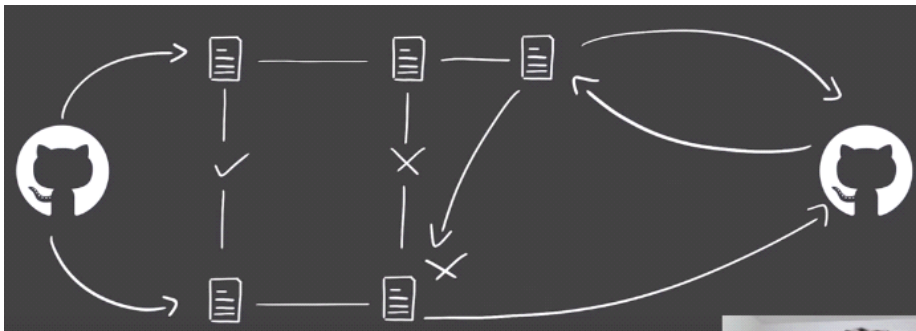
Como os conflitos acontecem no GitHub e como resolvê-los

terça-feira, 24 de maio de 2022 23:34

Duas pessoas alterando o mesmo código na mesma linha e a pessoa altera e manda para GitHub, quando você for enviar a sua versão ela estará desatualizada. O GitHub vai informar que primeiro você terá que realizar um push com a versão que a outra pessoa alterou para que você possa juntar as alterações e depois enviar.



Isso é conhecido como conflito de merge que onde o GitHub tenta juntar os dois arquivos porém existe alterações na mesma linha.



Apresentará essa mensagem

```
otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master)
$ git push origin master
To https://github.com/Perkles/livro-receitas.git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/Perkles/livro-receitas.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
<hint: See the 'Note about fast-forwards' in 'git push --help' for details.
otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master)
$
```

Teremos que dar o git pull origin master

```
To https://github.com/Perkles/livro-receitas.git
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hint: See the 'Note about fast-forwards' in 'git push --help' for details.

otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master)
$ git pull origin master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 701 bytes | 50.00 KiB/s, done.
From https://github.com/Perkles/livro-receitas
* branch master -> FETCH_HEAD
54c6046..e1dee1e master -> origin/master
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master|MER
```

Conflito de Merge

O GitHub coloca o conflito com alguns caracteres estranhos :

```
To https://github.com/Perkles/livro-receitas.git
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hint: Updates were rejected because the remote contains work that you do
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hint: to the same ref. You may want to first integrate the remote changes
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Automatic merge failed; fix conflicts and then commit the result.

otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master|MER
```

Dando o git status depois de realizar a correção surge a informação

```
otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
  both modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

otavio@perkles-desktop MINGW64 /c/workspace/livro-receitas (master|MERGING)
$
```

É necessário dar o git add*
E fazer o git push