

Problèmes pour pousser sur le serveur GIT de l'IGN

Informations

Système

- OS:

```
$ uname -a
```

```
Linux RKS1311W030-LINUXUBUNTU 3.13.0-70-generic #113-Ubuntu SMP Mon Nov 16 18:34:13 UTC 2015 x86_64 x86_64 x86_64 GNU/Linux
```

GIT

- Version de GIT

```
$ git --version
```

```
git version 1.9.1
```

- Remotes associés au dépôt (de travail)

```
$ git remote --v
```

```
origin http://gitlab.dockerforge.ign.fr/latty/trafipollu.git (fetch)
```

```
origin http://gitlab.dockerforge.ign.fr/latty/trafipollu.git (push)
```

```
origin_github https://github.com/yoyonel/TrafiPollu.git (fetch)
```

```
origin_github https://github.com/yoyonel/TrafiPollu.git (push)
```

- Note: J'utilise le portail [http](http://gitlab.dockerforge.ign.fr/) pour accéder au gitlab de l'IGN

Problème: échec (retour erreur serveur GIT) pour pousser un/des commits

Symptômes

- Push de la branche locale (de dev.) vers le remote de l'IGN:

```
$ git push origin version_IGN --verbose
```

```
Pushing to http://gitlab.dockerforge.ign.fr/latty/trafipollu.git
```

```
Counting objects: 90, done.
```

```
Delta compression using up to 8 threads.
```

```
Compressing objects: 100% (59/59), done.
```

```
Writing objects: 100% (66/66), 3.26 MiB | 0 bytes/s, done.
```

```
Total 66 (delta 27), reused 0 (delta 0)
```

```
POST git-receive-pack (3416460 bytes)
```

```
error: RPC failed; result=22, HTTP code = 413
```

```
fatal: The remote end hung up unexpectedly
```

```
fatal: The remote end hung up unexpectedly
```

```
Everything up-to-date
```

- Affichage des tailles (max) des commits (que je tente de push):

```
$ git ls-tree -r -t -l --full-name HEAD | sort -n -k 4 | tail
```

```
100644 blob bae72731321ad33722f70d7887da4c5033d4559a 89646 doc/README_TrafiPollu_Installation_VM.pdf
```

```
100644 blob 0322f6325ad9f9ca9b63c79a4fdaa2e0de547538 94169 gui_doc/Simplified_User_Guide_fichiers/multi_user_tracking_edited_LQ.png
```

```
100644 blob 5aae5c17f6199e59856966e3fc42b8aab0a1557c 209546 gui_doc/Simplified_User_Guide_fichiers/auto_save_combined.png
```

```
100644 blob c42949bbe9d2c409ef7109a47081b8385b9290b 278621 PyXB_on_Symuvia/reseau.xsd
```

```
100644 blob 9500d90a4cb050a015a2f1ec467ea8f801e804d6 281360 gui_doc/Simplified_User_Guide_fichiers/edition_time_with_hexagonal_grid_LQ.png
```

```
100644 blob ffd7d268400dd311d3b7598ea1147f201a7b68bb 406998 PyXB_on_Symuvia/reseau_2.04.xsd
```

```
100644 blob 43c4f1f20e968af9178430c9c0aec504aca84905 407232 reseau_2.04.xsd
```

```
100644 blob 3d4d04325db534228d69648d5222e932042742bb 1182390 PyXB_on_Symuvia_reseau.py
```

```
100644 blob fd45e9211dd86aee9071970d13f676906d4c3ed6 3577269 help/utills/plantuml.jar
```

=> A priori, les "gros fichiers" (ou **fat blob**) sont de l'ordre de < ~4mo (le .jar par exemple).

Google (rapide) sur l'erreur: error: RPC failed; result=22, HTTP code = 413

- [error: RPC failed; result=22, HTTP code = 413 fatal: The remote end hung up unexpectedly](#)
- [Github Push Error: RPC failed; result=22, HTTP code = 413](#)
- [How to solve Git error HTTP 413](#)
- [git-push large commits over http fail](#)

=> Globalement ça parle de modifier le (web) serveur (nginx, Apache, ...) pour accepter des commits plus large.

