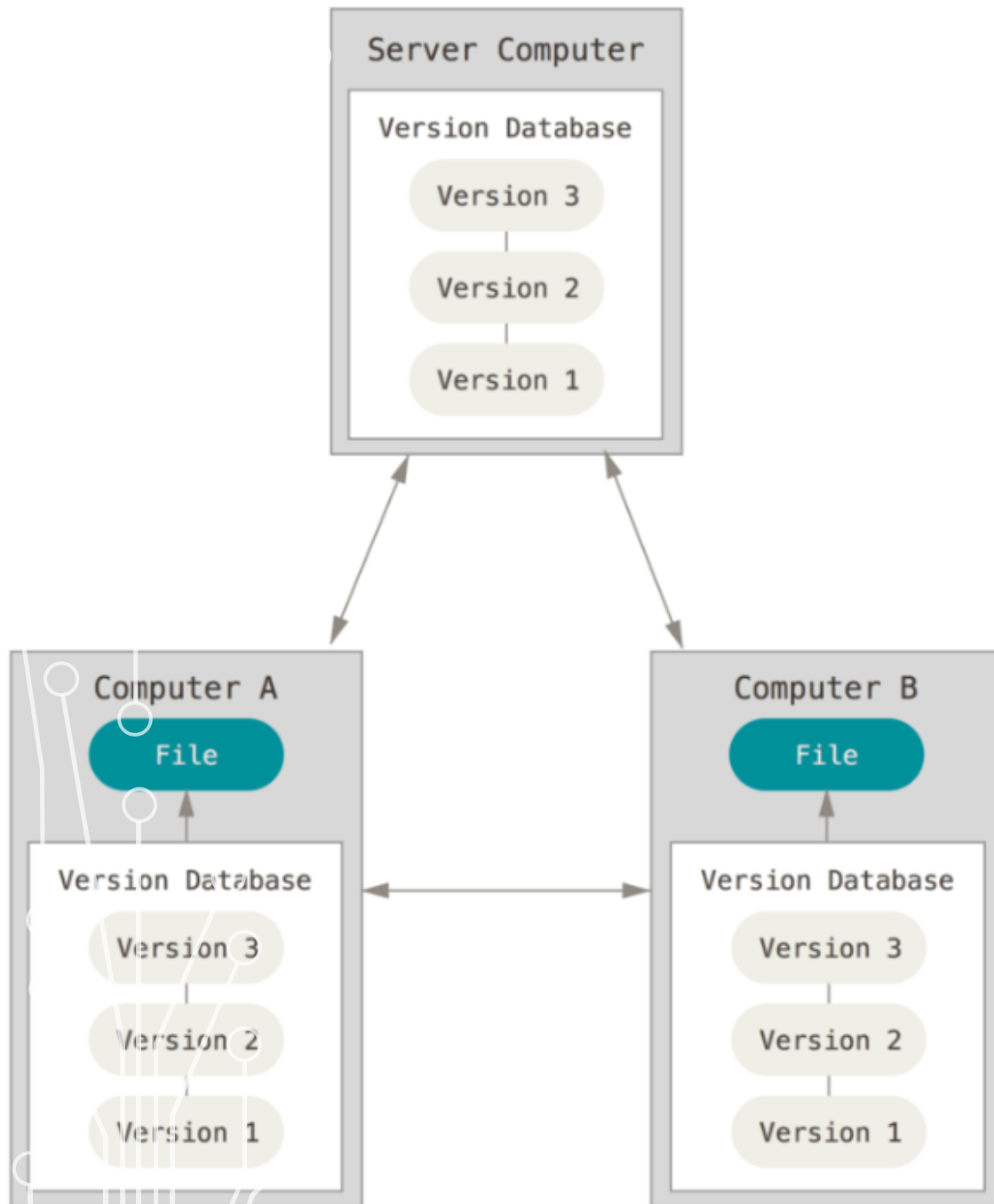


A decorative graphic on the left side of the slide, consisting of a network of thin, light blue lines and small circles, resembling a circuit board or a stylized tree structure.

COURS GIT:

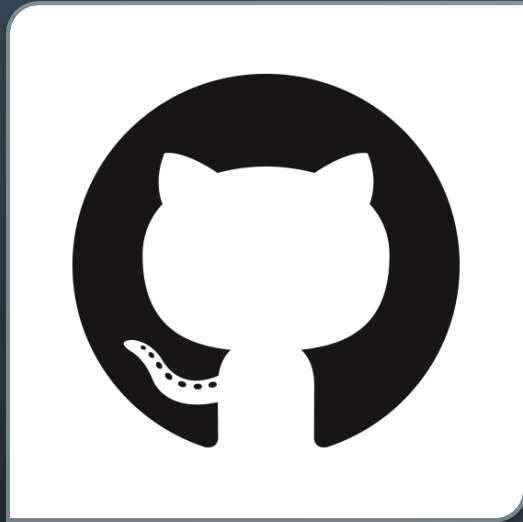
CHARLES 'ARYS' YAICHE



C'EST QUOI GIT : LES GESTIONNAIRE DE VERSION

- Vitesse
- Conception simple
- Support pour les développements non linéaires (milliers de branches parallèles)
- Capacité à gérer efficacement des projets d'envergure tels q

GITHUB, BITBUCKET



LA RÉFÉRENCE

- <https://git-scm.com/book/fr/v2>



INSTALLATION & SETUP



- Git-scm & github
- Créer un repository

...or create a new repository on the command line

```
echo "# BTS_SIO" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M master
git remote add origin git@github.com:Arys02/BTS_SIO.git
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin git@github.com:Arys02/BTS_SIO.git
git branch -M master
git push -u origin master
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

\$ git config --global core.editor emacs

CONFIGURATION GIT (GITCONFIG)

\$ git config --global user.name "John Doe"

\$ git config --global user.email johndoe@example.com

\$ git config --global alias.<nom> <commande>

\$ git config --global core.editor <nom_editeur>

<https://git-scm.com/book/fr/v2/Personnalisation-de-Git-Configuration-de-Git>

SSH



- Créer une clé ssh
 - Ouvrir un terminal (win + R: cmd)
 - Aller au répertoire C:\Users\ votrenomutilisateurwindows\.ssh (mkdir .ssh si le dossier n'existe pas)
 - Ssh-keygen
- Copier ssh.pub
- Coller dans github

PROTOCOL SSH VS HTTP



| http | Ssh |
|---|---|
| <ul style="list-style-type: none">- Authentification par utilisateur/mot de passe possible- Simplicité d'utilisation (une seule URL) | <p>Gestion de clef SSH</p> <p>Rapidité</p> <p>Configuration serveur plus simple</p> |

GIT LOG



git log [<options>] [<revision range>] [--] <path>...

Affiche les log de commit

```
commit c5d1b32e4a22d4b6c6bd7934104a90e376ba46e7
Author: Charles Yaiche <charles.yaiche@epita.fr>
Date:   Sun Sep 20 14:16:09 2020 +0200
```

```
[GITIGNORE]
```

```
commit 143301b31e73377e1fa29d748f39b8abf2057760
Author: Charles Yaiche <charles.yaiche@epita.fr>
Date:   Sun Sep 20 13:48:20 2020 +0200
```

```
first commit
```

S'ENTRAINER

- https://learngitbranching.js.org/?locale=fr_FR

