Introduction to Git

Thierry Sans

Initial Setup

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

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

Clone

```
$ git clone repo_url
```

Stage, commit and push

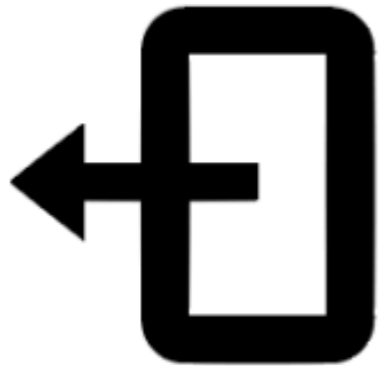|	
Stage	`git add repo/filename`
Commit	`git commit -m "commit message"`
Push	`git push`

In case of fire

1. git commit

2. git push

3. leave building

Gitignore (python example)

.gitignore

```
# Byte-compiled / optimized / DLL files
__pycache__/
*.py[cod]
*$py.class
```

Diff

```
$ git diff filename
```

Conflicts

Conflicts are solved

- automatically by git when they do not affect the same lines of code

- or manually by you when they affect the same line of code