# Logique



### Logique

Logique propositionnelle

Logique des prédicats

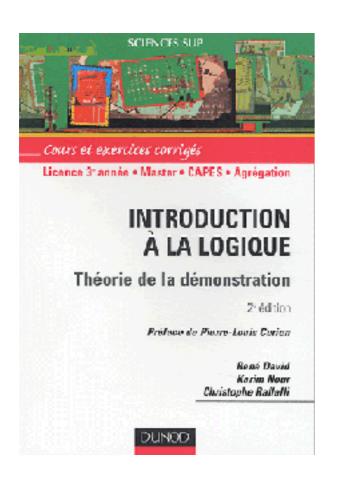
Ordres supérieurs

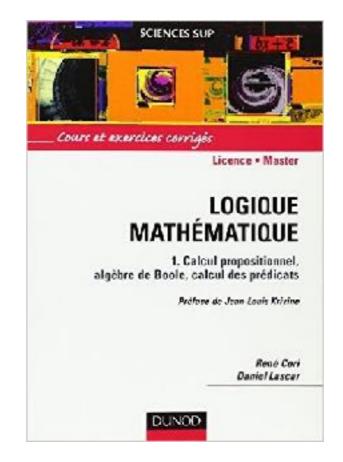
SAT

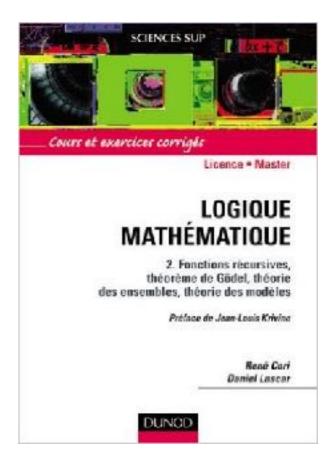
### **Prolog**

Programmation logique

## Lecture







## Cas d'utilisation

Vérification de programmes, de protocoles

Intelligence artificielle

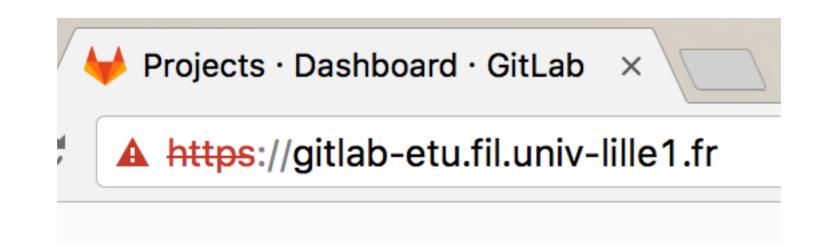
Résolution de problèmes

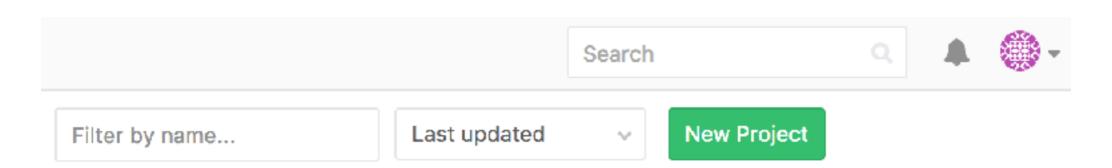


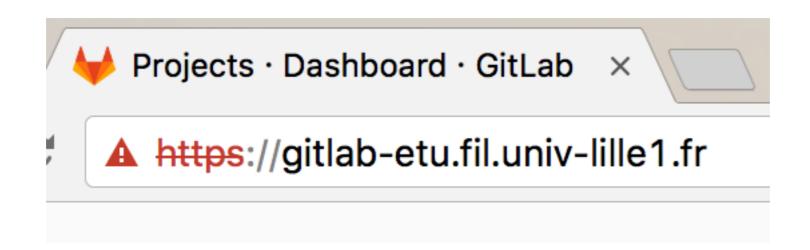


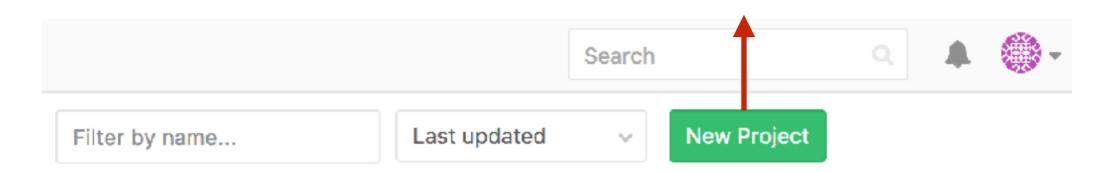
Une des portes mène à la liberté, l'autre à une mort certaine Vous ne pouvez poser qu'une question à un seul des gardes Un des gardes ment toujours, l'autre dit toujours la vérité

## Intro GIT









#### New project

Create or Import your project from popular Git services

Create project

Project path				Project name							
https://gitlab-etu.fil.univ-lille1.fr/		pietrzak	-	logique_thomas_pietrzak							
Vant to house several d	ependent pro	jects under the same	namespac	e? Create a group							
mport project from											
git Repo by URL	Repo by URL										
roject description (opt	tional)										
Description format											
/isibility Level (?)											
Visibility Level 🔒	O A Driv										
	_ = FIIV	ate ect access must be gr	ranted expl	licitly to each user.							
	○ <b>I</b> Inter	nal									
	The	project can be cloned	l by any log	gged in user.							
	O 🕝 Pub	ic									
		project can be cloned	l without ar	ny authentication.							
		-									

Cancel

## logique\_prenom1\_nom1\_prenom2\_nom2

#### New project

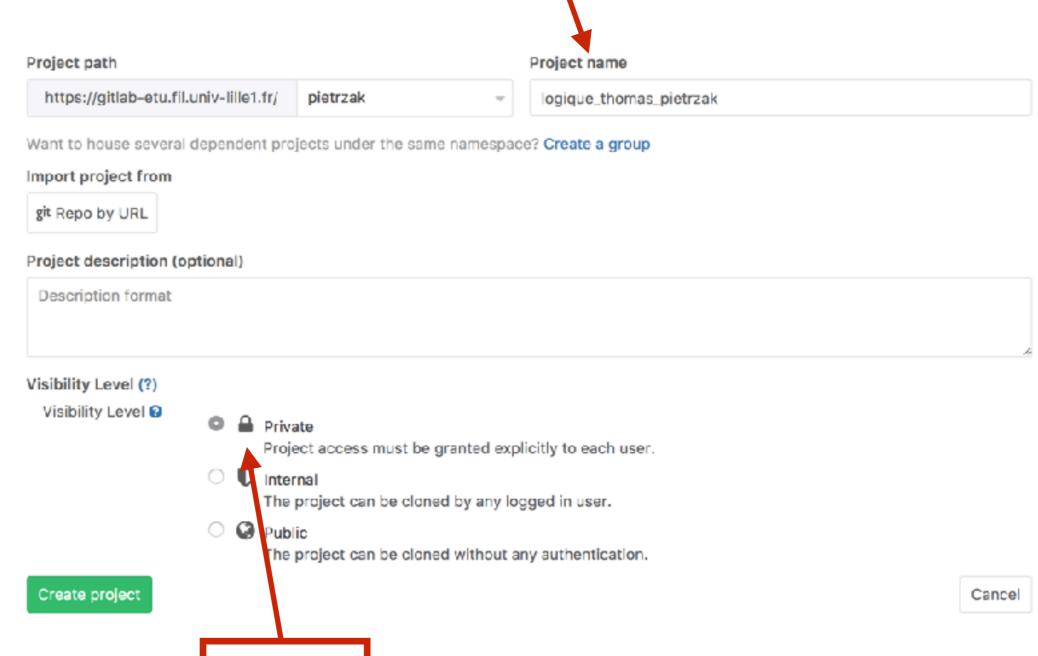
Create or Import your project from popular Git services

roject path				Project name		
https://gitlab-etu.fil.	univ-lille1.fr/	pietrzak	-			
vant to house several mport project from git Repo by URL roject description (o		jects under the sam	e namespace?	e? Create a group		
isibility Level (?) Visibility Level (?)	Inter	ect access must be g nal project can be clone	ed by any logg	ged in user.		
Create project					Cancel	

### logique\_prenom1\_nom1\_prenom2\_nom2

#### New project

Create or Import your project from popular Git services



privé

#### logique\_thomas\_pietrzak =

☆ Star O SSH - git@gitlab-etu.fil.univ-lille1 🖺 🕂 - 🕼 Global -

#### The repository for this project is empty

If you already have files you can push them using command line instructions below.

Otherwise you can start with adding a README, a LICENSE, or a .gitignore to this project.

You will need to be owner or have the master permission level for the initial push, as the master branch is automatically protected.

#### Command line instructions

#### Git global setup

```
git config ---global user.name "PIETRZAK Thomas"
git config ---global user.email "thomas.pietrzak@univ-lille1.fr"
```

#### Create a new repository

```
git clone git@gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
cd logique_thomas_pietrzak
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

#### Existing folder or Git repository

```
cd existing_folder
git init
git remote add origin git@gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
git add .
git commit
git push -u origin master
```



#### The repository for this project is empty

If you already have files you can push them using command line instructions below.

Otherwise you can start with adding a README, a LICENSE, or a .gitignore to this project.

You will need to be owner or have the master permission level for the initial push, as the master branch is automatically protected.

#### Command line instructions

#### Git global setup

```
git config ——global user.name "PIETRZAK Thomas"
git config ——global user.email "thomas.pietrzak@univ—lille1.fr"
```

#### Create a new repository

```
git clone git@gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
cd logique_thomas_pietrzak
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

### un peu d'aide

#### Existing folder or Git repository

```
cd existing_folder
git init
git remote add origin git@gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
git add .
git commit
git push -u origin master
```

## Clone initial

logique\_thomas\_pietrzak — -bash — 134×43

~/Documents/Enseignement/logique/logique\_thomas\_pietrzak — -bash

[tom@titan:~/Documents/Enseignement/logique/logique\_thomas\_pietrzak\$ vi Readme.md

```
logique_thomas_pietrzak — -bash — 134×43
```

```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master

Initial commit

Untracked files:
    (use "git add <file>..." to include in what will be committed)

    Readme.md

nothing added to commit but untracked files present (use "git add" to track)
```

0 0 0

```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Initial commit
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Readme.md
nothing added to commit but untracked files present (use "git add" to track)
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git add Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Initial commit
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file: Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git commit -m "add readme"
[master (root-commit) 49726da] add readme
1 file changed, 3 insertions(+)
 create mode 100644 Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
  (use "git branch --unset-upstream" to fixup)
nothing to commit, working tree clean
```

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```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Initial commit
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git add Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Initial commit
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file: Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git commit -m "add readme"
[master (root-commit) 49726da] add readme
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[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
(use "git branch --unset-upstream" to fixup)
nothing to commit, working tree clean
```

Seulement après premier commit On s'en fout

```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Initial commit
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git add Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Initial commit
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file: Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git commit -m "add readme"
[master (root-commit) 49726da] add readme
 1 file changed, 3 insertions(+)
 create mode 100644 Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
  (use "git branch --unset-upstream" to fixup)
nothing to commit, working tree clean
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git push origin master
Counting objects: 3, done.
Writing objects: 100\% (3/3), 245 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To gitlab-etu.fil.univ-lille1.fr:pietrzak/logique thomas pietrzak.git
 * [new branch]
                     master -> master
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$
```

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```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Initial commit
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git add Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Initial commit
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file: Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git commit -
[master (root-commit) 49726da] add readme
 1 file changed, 3 insertions(+)
 create mode 100644 Readme.md
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
  (use "git branch --unset-upstream" to fixup)
nothing to commit, working tree clean
tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git_push origin_master
Counting objects: 3, done.
Writing objects: 100\% (3/3), 245 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To gitlab-etu.fil.univ-lille1.fr:pietrzak/logique thomas pietrzak.git
 * [new branch]
                     master -> master
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$
```

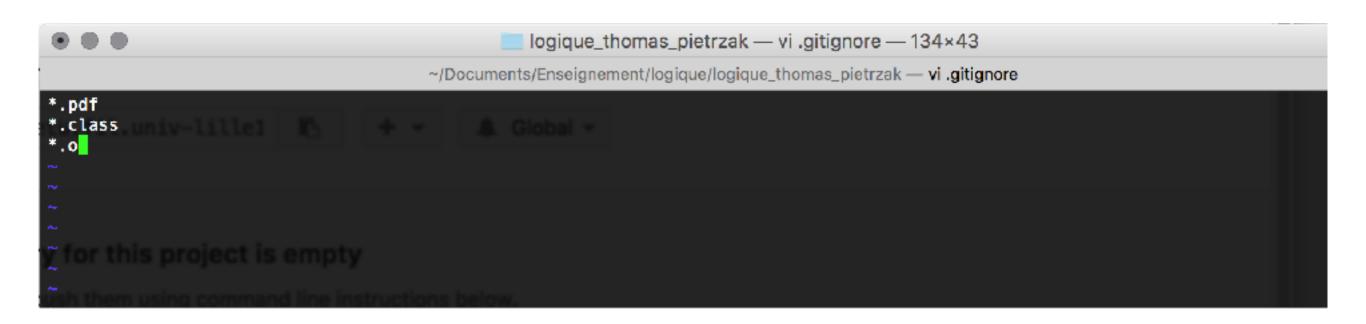
Seulement après "add readme" premier commit
On s'en fout

nothing added to commit but untracked files present (use "git add" to track)

```
logique_thomas_pietrzak — -bash — 134×46
```

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# .gitignore



```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ ls -l
total 8
-rw-r--r-- 1 tom staff 27 3 jan 09:17 Readme.md
-rw-r--r-- 1 tom staff 0 3 jan 09:20 sujet.pdf
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        sujet.pdf
nothing added to commit but untracked files present (use "git add" to track)
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi .gitignore
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git add .gitignore
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)
        new file: .gitignore
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git commit -m "gitignore"
[master 0e8a6a0] gitignore
1 file changed, 3 insertions(+)
create mode 100644 .gitignore
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working tree clean
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git push
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 301 bytes \mid \theta bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
   49726da..0e8a6a0 master -> master
```

0 0 0

```
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ ls -l
total 8
-rw-r--r-- 1 tom staff 27 3 jan 09:17 Readme.md
-rw-r--r-- 1 tom staff 0 3 jan 09:20 sujet.pdf
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        sujet.pdf
nothing added to commit but untracked files present (use "git add" to track)
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ vi .gitignore
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git add .gitignore
tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)
        new file: .gitignore
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git commit -m "gitignore"
[master 0e8a6a0] gitignore
1 file changed, 3 insertions(+)
create mode 100644 .gitignore
[tom@titan:~/Documents/Enseignement/logique/logique thomas pietrzak$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working tree clean
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git push
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 301 bytes \mid \theta bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To gitlab-etu.fil.univ-lille1.fr:pietrzak/logique_thomas_pietrzak.git
   49726da..0e8a6a0 master -> master
[tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
tom@titan:~/Documents/Enseignement/logique/logique_thomas_pietrzak$
```

0 0 0

# Historique

