# Projet STL

# Auteurs

# Execution

# Rapide experimentation

La class main.Main dans le repetoire src est le point d'entrée du programme. Vous pouvez executer pour voir le resultat de l'extraction sur les applications banque, notepad et argouml.

```
private static List<String> project() {
        return argouml(); // modifier pour changer l'application (banque() | notepad() | argouml
}
```

```
PS D:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan>  & 'C:\P
Duration (adaptation): 720 (ms)
Duration (merge): 4 (ms)
Duration (identification bloc): 3 (ms)
Duration (code generation): 20 (ms)
PS D:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan>  d:; cd
ocal\Temp\cp_aqbsd4qvew3wgp4nembi78z8x.argfile' 'main.Main'
Duration (adaptation): 1315 (ms)
Duration (merge): 11 (ms)
Duration (identification bloc): 5 (ms)
Duration (code generation): 49 (ms)
PS D:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan>  d:; cd
ocal\Temp\cp_aqbsd4qvew3wgp4nembi78z8x.argfile' 'main.Main'
Duration (adaptation): 30219 (ms)
Duration (merge): 1025 (ms)
Duration (identification bloc): 432 (ms)
Duration (code generation): 30225 (ms)
PS D:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan> []
```

# Metriques

## Durees (sur une seule execution)

(Refaire pour une moyenne sur plusieurs executions)

|  | Duree totale | Duree adaptation | Duree fusion | Duree Identification des blocs | Duree generation de code |
|---|---|---|---|---|---|
| Banque | - (ms) | 720 (ms) | 4 (ms) | 3 (ms) | 20 (ms) |
| Notepad | - (ms) | 1315 (ms) | 11 (ms) | 5 (ms) | 49 (ms) |
| Argouml | - (ms) | 30219 (ms) | 1025 (ms) | 432 (ms) | 30225 (ms) |

## Nombre blocs

|  | Nombre de blocs |
|---|---|
| Banque | 4 |
| Notepad | 7 |
| Argouml | 49 |

# Nombre de lignes de code du code maximal

## 1. Application banque



## Details

Date : 2023-05-09 05:04:39

Directory d:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan\generatedcode\bank

Total : 4 files, 75 codes, 0 comments, 4 blanks, all 79 lines

Summary / Details / Diff Summary / Diff Details

### Files

| filename | language | code | comment | blank | total |
|---|---|---|---|---|---|
| bank/Account.java | Java | 36 | 0 | 1 | 37 |
| bank/Bank.java | Java | 29 | 0 | 1 | 30 |
| bank/Client.java | Java | 4 | 0 | 1 | 5 |
| bank/Converter.java | Java | 6 | 0 | 1 | 7 |

Summary / Details / Diff Summary / Diff Details

## 2. Application NotePad

## Details

Date : 2023-05-09 05:06:30

Directory d:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan\generatedcode\notepad

Total : 9 files, 811 codes, 9 comments, 9 blanks, all 829 lines

Summary / Details / Diff Summary / Diff Details

## Files

| filename | language | code | comment | blank | total |
|---|---|---|---|---|---|
| notepad/About.java | Java | 9 | 0 | 1 | 10 |
| notepad/Actions.java | Java | 226 | 0 | 1 | 227 |
| notepad/Center.java | Java | 18 | 0 | 1 | 19 |
| notepad/ExampleFileFilter.java | Java | 88 | 0 | 1 | 89 |
| notepad/Fonts.java | Java | 58 | 9 | 1 | 68 |
| notepad/Notepad.java | Java | 310 | 0 | 1 | 311 |
| notepad/Print.java | Java | 40 | 0 | 1 | 41 |
| notepad/RedoAction.java | Java | 31 | 0 | 1 | 32 |
| notepad/UndoAction.java | Java | 31 | 0 | 1 | 32 |

Summary / Details / Diff Summary / Diff Details

## 3. Argouml

## Summary

Date : 2023-05-09 05:07:05

Directory d:\cours\sorbonne\master\m1\s6\pstl\pstl-aboubacar-shuhan\generatedcode\argouml

Total : 1660 files, 120271 codes, 5218 comments, 1660 blanks, all 127149 lines

Summary / Details / Diff Summary / Diff Details

## Languages

| language | files | code | comment | blank | total |
|----------|-------|------|---------|-------|-------|
| Java | 1,660 | 120,271 | 5,218 | 1,660 | 127,149 |

## Directories

| path | files | code | comment | blank | total |
|------|-------|------|---------|-------|-------|
| . | 1,660 | 120,271 | 5,218 | 1,660 | 127,149 |

Summary / Details / Diff Summary / Diff Details