Práctica Entornos Algoritmos

Pablo Vazquez Franco

GitHub

Enlace repositorio:

https://github.com/pabloVazquezFranco/Pr-ctica-Algoritmos-Entornos-de-Desarrollo

Commit Fibonacci

```
greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
tmos/src (master)
$ git init
Initialized empty Git repository in C:/Users/greck/eclipse-workspace/com.entorno
s.pabloVazquezFranco.algoritmos/src/.git/
 greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
 tmos/src (master)
$ git remote add origin https://github.com/pabloVazquezFranco/Pr-ctica-Algoritmo
 s-Entornos-de-Desarrollo.git
 greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
 tmos/src (master)
 $ git add Algoritmos.java
greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
tmos/src (master)
$ git commit -m "Fibonacci"
[master (root-commit) 4b7c8ca] Fibonacci
 1 file changed, 21 insertions(+) create mode 100644 Algoritmos.java
 greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
 tmos/src (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 507 bytes | 507.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/pabloVazquezFranco/Pr-ctica-Algoritmos-Entornos-de-Desarro
llo.git
   [new branch]
                           master -> master
```

Commit Factorial

Commit Primo

```
greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algoritmos/src (master)

§ git add Algoritmos.java

greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algoritmos/src (master)

§ git commit -m "Primo"

[master ad9a672] Primo

1 file changed, 18 insertions(+)

greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algoritmos/src (master)

§ git push origin master

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 12 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 501 bytes | 501.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/pabloVazquezFranco/Pr-ctica-Algoritmos-Entornos-de-Desarrollo.git

83a8d74..ad9a672 master -> master
```

Depurador

```
| Deplic | Service | Principal | Principal
```

- Declaro el breakpoint en el código
- Inicio la herramienta de depuración de Eclipse, presionando el símbolo del bicho de la parte superior
- Revisa la información mostrada por la herramienta
- Y concluyo presionando el símbolo del cuadrado rojo para cerrar la herramienta

Tests

```
🦠 Debug 🏻 Project Explorer 🕡 JUnit 🗵
                                                                                         Algoritmos.java
                                                                                                                         ☑ Principal.java
☑ testAlgoritmos.java ×
                                  import static org.junit.jupiter.api.Assertions.*;
import org.junit.jupiter.api.Test;
                                                                                            20
                                                                                            70
                                                                                                               @Test
void testFibonacci() {
    assertEquals(0, Algoritmos.fibonacci(0));
    assertEquals(1, Algoritmos.fibonacci(1));
    assertEquals(2, Algoritmos.fibonacci(2));
    assertEquals(2, Algoritmos.fibonacci(3));
    assertEquals(5, Algoritmos.fibonacci(5));
    assertEquals(13, Algoritmos.fibonacci(7));
}
       testPrimo() (0,0

    testFactorial() (0,001 s)
    testFactorial() (0,001 s)
       # testFibonacci() (0,000 s)
       testPrimoExcepcion() (0,003 s)
       testFactorialExcepcion() (0,001 s)
       testFibonacciExcepcion() (0,001 s)
                                                                                                               @Test
                                                                                                                void testFibonacciExcepcion() {
                                                                                                                      assertThrows(IllegalArgumentException.class, () -> Algor
                                                                                                                @Test
                                                                                          220
                                                                                                                void testFactorial() {
    assertEquals(1, Algoritmos.factorial(0));
    assertEquals(1, Algoritmos.factorial(1));
```

Commit final

```
greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
tmos/src (master)
$ git add *

greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
tmos/src (master)
$ git commit -m "Commit final"
[master d951ec0] Commit final
2 files changed, 87 insertions(+)
create mode 100644 Principal.java
create mode 100644 testAlgoritmos.java

greck@ElBicho MINGW64 ~/eclipse-workspace/com.entornos.pabloVazquezFranco.algori
tmos/src (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
writing objects: 100% (4/4), 1.01 kiB | 1.01 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/pabloVazquezFranco/Pr-ctica-Algoritmos-Entornos-de-Desarro
llo.git
    ad9a672..d951ec0 master -> master
```