

Developing a user interface for a CLI application to classify comments

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30.11.2021, Software Composition Seminar

Class Comments

```
/**
 * The HelloWorld program implements an application that
 * simply displays "Hello World!" to the standard output.
 *
 * @author  Zara Ali
 * @version 1.0
 * @since   2014-03-31
 */
public class HelloWorld {

    public static void main(String[] args) {
        // Prints Hello, World! on standard output.
        System.out.println("Hello World!");
    }
}
```

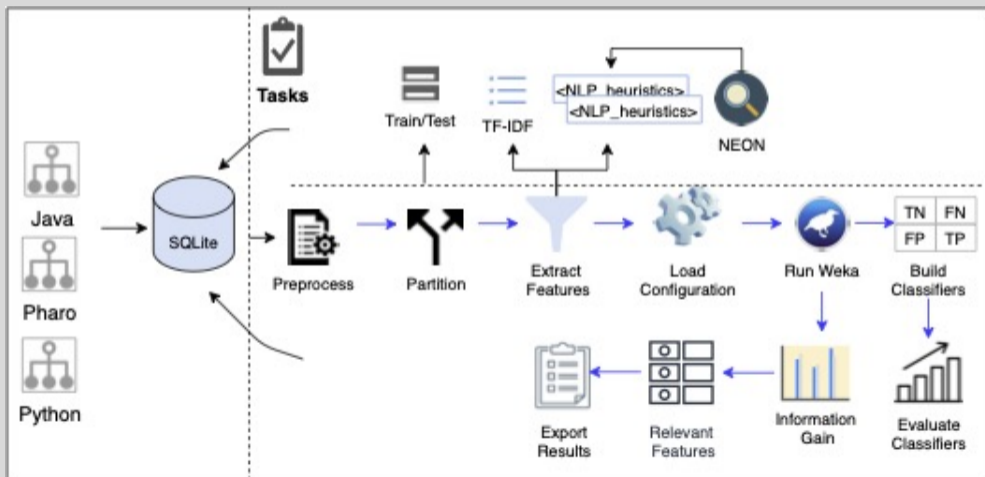
Class Comments

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public class HelloWorld {  
  
    public static void main(String[] args) {  
        // Prints Hello, World! on standard output.  
        System.out.println("Hello World!");  
    }  
}
```

Summary

Owner
Auto generated

Existing CLI



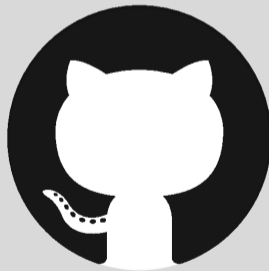
Task

Your task is to develop a prototype tool (browser extension for a GitHub repository or a GitHub application) for this command-line based pipeline so that a developer can use it to classify comments of their repository.

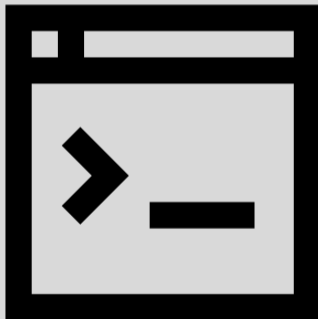
Challenges



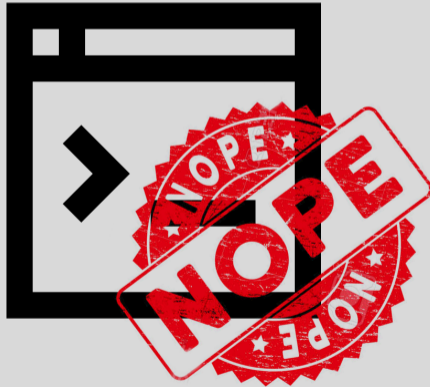
VS



Challenges



Challenges



Implementation

Comment Analysis Connector 1.0.0

[Base URL: localhost:8080/]

Comment Analysis Connector - API Documentation

[Contact the developer](#)



Schemes

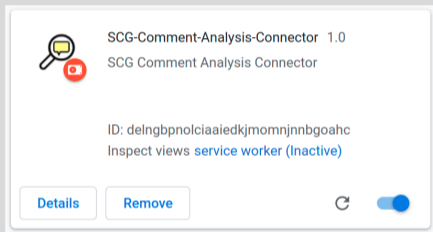
HTTP

default

POST



/analysis Get code analysed and classified

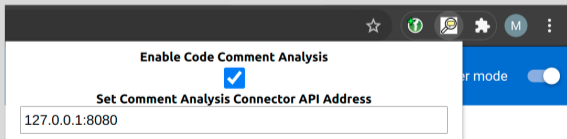
Implementation



SCG-Comment-Analysis-Connector 1.0
SCG Comment Analysis Connector

ID: delngbpnolciaaiedkjmomnjnnbgoahc
Inspect views [service worker \(Inactive\)](#)


[Details](#) [Remove](#)  



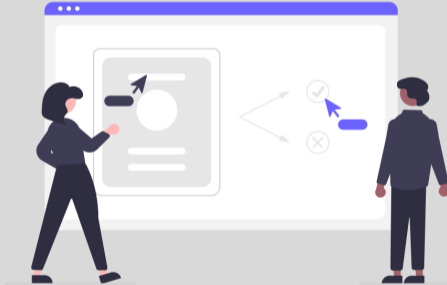
Enable Code Comment Analysis

Set Comment Analysis Connector API Address

127.0.0.1:8080

... mode 

Demo



Try yourself

