

```
package slashuscraper.analyze;

import java.util.concurrent.Callable;

import slashuscraper.object.Comment;

/*
 * Analyze all comments and posts to find statistics
 */

public class AnalyzeComment implements Callable<Comment> {

    // Locally stored comment to be analyzed
    private Comment comment = null;

    // Main constructor
    public AnalyzeComment(Comment comment) {
        this.comment = comment;
    }

    // Called to analyzed a comment/post
    @Override
    public Comment call() {
        // Get comment
        Comment comment = this.comment;
        // Check comment to make sure not null
        if(comment == null) {
            System.out.println("ANALYZE_ERROR: Could not process comment");
            return null;
        }
        // Process and split comment content
        // Omit punctuation, convert all to lower case, and split by space
        String[] words = comment.getContent().toLowerCase().replaceAll(
            "[^A-Za-z\\s+]", "").split("\\s+");
        // Traverse words
        for(String s : words) {
            comment.addWordUsed(s);
        }

        // Return processed comment
        return comment;
    }
}
```