**Verrollung-  
Slippage Analysis of a Structure Supported at 4 Points**

**Project Purpose**

The purpose of this program is to document the slippage analysis of a structure supported at four points. The program extracts data from the Dlubak Rstab static Modell using the COM Interface and outputs it into a formatted existing Excel file. Since the program was written for a specific task, its usefulness for the average user is limited to the practical interaction of a C# program with the Rstab COM Interface and MS Excel.

**Installation and Usage Guide**

1. Start the program by running the exe file.
2. The program requires an Rstab model to be running.
3. The program is written for Windows and works with Rstab8.
4. After starting, the program will prompt for the support points and load combination.
5. The program will then automatically identify the load cases specified as useful in the load combination that are critical for the structure's slippage.

**Support Information**

If you need assistance, please contact: (email address)

**Maintainers and Contributors**

The sole developer of the project: (your name)

**License**

This project is licensed under the terms that anyone can use it, but modifications to the original files are not allowed.

## Contribution Guidelines

### Fork the Repository

* **Fork the repository**: Create a personal copy of the project in your own GitHub account by clicking the "Fork" button on the project's main page.

### Create a New Branch

* **Create a new branch**: Make your changes in a new branch to keep the main branch clean. Name the new branch to reflect the purpose of the changes (e.g., suggestion/issue-123 or suggestion/new-feature).

### Make Your Changes

* **Make your changes**: Implement the necessary changes in your branch. Ensure your changes are well-documented and tested.

### Submit a Pull Request

* **Submit a pull request**: Once your changes are ready, submit a pull request (PR) to the main repository. In the PR, describe the changes you made and why. Note that these changes are suggestions and will not be merged directly into the main project. The project maintainer will review the suggestions and decide whether to incorporate them.

### Code of Conduct

* **Code of Conduct**: Follow the project's code of conduct to ensure respectful and professional interactions.