

### Homework 3 Documentation

In this third and the last homework in CS474 this Spring 2020, I added a checker for name clash errors to my IntelliJ plugin that I developed in homework two. In order to get the desired functionality, I developed ProjectJavaFiles to work with projects and project files. This class is responsible for iterating the open project to save all java file names and their corresponding package names in an ArrayList.



ProjectJavaFiles class is used by UserInputDialogWrapper class which was developed in homework two. To be able to validate user input and give error messages, doValidate() method in its parent class is overridden in this homework. In doValidate() method user input is checked whether it appears in fileNames or packageNames. This method disables OK button until user enters valid input. It also changes the color of the corresponding TextField component to red with an error message.

