

Analyzing Duplicates

IntelliJ IDEA helps you find repetitive blocks of code in a certain range, which can be a single file, a project, a module, or a custom scope. Results of analysis display in the dedicated tab of the [Duplicates tool window](#).

To search for duplicates

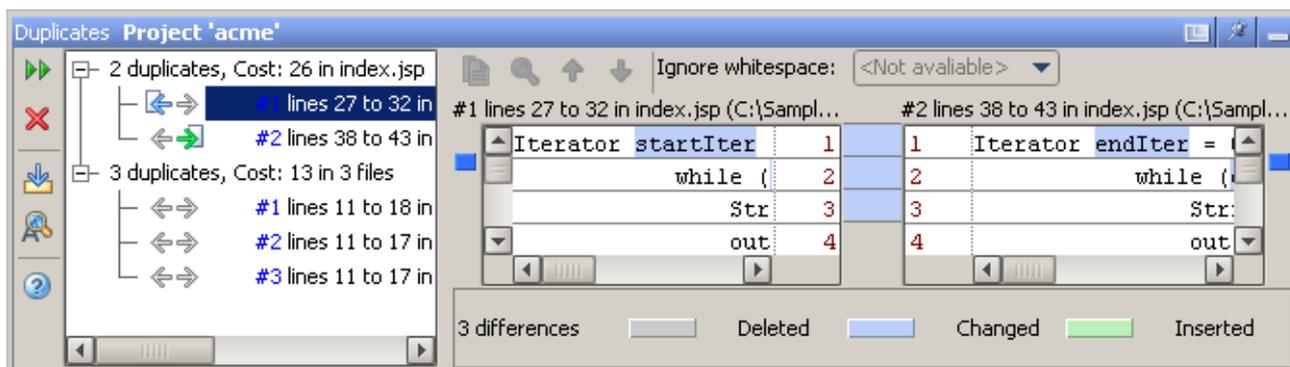
1. On the main menu, choose **Analyze | Locate Duplicates**.

Alternatively, choose the **Analyze | Locate Duplicates** on the context menu of the editor, or Project tool window.

2. In the [Specify Code Duplication Analysis Scope dialog](#), specify the analysis scope (whole project, current file, uncommitted files (for the projects under version control), or some custom scope). In addition, you can include test sources into the analysis too. Click **OK**.
3. In the [Code Duplication Analysis Settings dialog](#), do the following:
 - Select languages to perform analysis in.
 - For each language, check the options to define your preferences for the analysis.
For example, you can opt to request identical match for code fragments to be considered duplicates, or specify a certain limit below which the code constructs are not considered duplicates (to avoid reporting about each `if` construct in the source code).

Click **OK**.

4. In the [Duplicates tool window](#), explore search results.



- View the list of duplicates in the left pane of the tool window.
- View differences between the found duplicates in the right pane. Use the arrow buttons to place the selected duplicate in one of the sections of the differences viewer and compare fragments of the code.
- Navigate to the duplicates in the editor, using **Jump to Source** or **Show Source** commands of the duplicates context menu.
- Eliminate duplicates from the source code by clicking  and specifying the method name and parameters in the **Extract Method** dialog. This procedure is similar to the [Extract method refactoring](#), with the only difference that in case of duplicates analysis the repetitive blocks of code are found automatically.

See Also

Procedures:

- [Extract Method](#)

Reference:

- [Specify Code Duplication Analysis Scope](#)

- [Code Duplication Analysis Settings](#)
- [Duplicates Tool Window](#)

Web Resources:

- [Developer Community](#) 