

Extract Variable for SASS

You can replace a SASS expression with a local or global variable.

To perform this refactoring, you can use:

- **In-place refactoring**. In this case you specify the new name right in the editor.
- **Refactoring dialog**, where you specify all the required information. To make such a dialog accessible, you have to clear the check box **Enable in-place mode** in the editor settings.

Example

Before	After
<pre>\$blue: #3bbfce \$margin: 16px .border padding: \$margin / 2 margin: \$margin / 2 border-color: \$blue</pre>	<pre>\$blue: #3bbfce \$margin: 16px; \$var: \$margin / 2 .border padding: \$var margin: \$var border-color: \$blue</pre>

To extract a variable using in-place refactoring

1. In the editor, select the expression to be replaced with a variable. You can do that yourself or use the *smart expression selection* feature to let IntelliJ IDEA help you. So, do one of the following:

- Highlight the expression. Then choose **Refactor | Extract | Variable** from the main or the context menu.

Alternatively, press **Ctrl+Alt+V**.

- Place the cursor before or within the expression. Choose **Refactor | Extract Variable** from the main or the context menu, or press **Ctrl+Alt+V**. In the **Expressions** pop-up menu, select the expression. To do that, click the required expression. Alternatively, use the **Up** and **Down** arrow keys to navigate to the expression of interest, and then press **Enter** to select it.

The **Expressions** pop-up menu contains all the expressions appropriate for the current cursor position in the editor.

When you navigate through the suggested expressions in the pop-up, the code highlighting in the editor changes accordingly.

2. If more than one occurrence of the selected expression is found, select **Replace this occurrence only** or **Replace all occurrences** in the **Multiple occurrences found** pop-up menu. To select the required option, just click it. Alternatively, use the **Up** and **Down** arrow keys to navigate to the option of interest, and press **Enter** to select it.

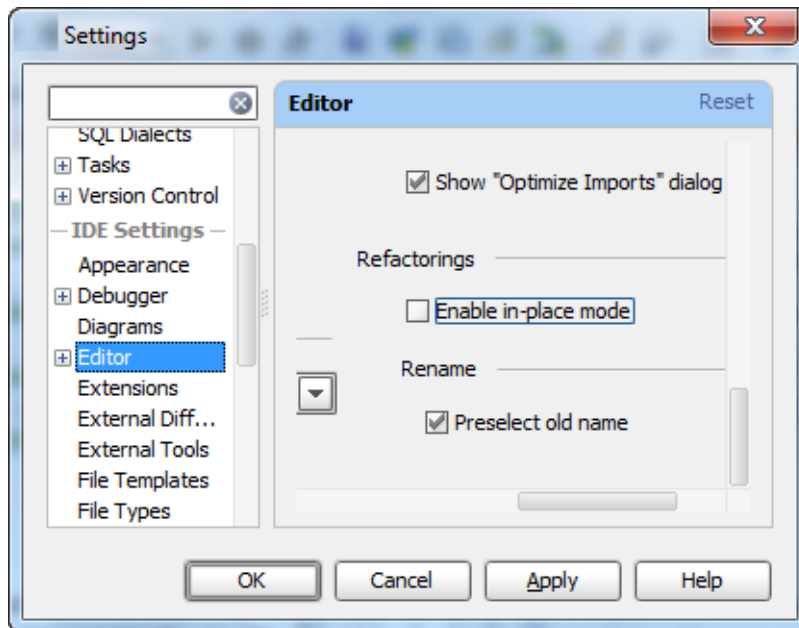
3. Select the place in the source code, where the new variable will be declared. The declaration can be *global* (a variable is available throughout the whole file), or *local* (a variable is declared immediately before use, and is available in the current block only).

4. Specify the name of the variable. Do one of the following:

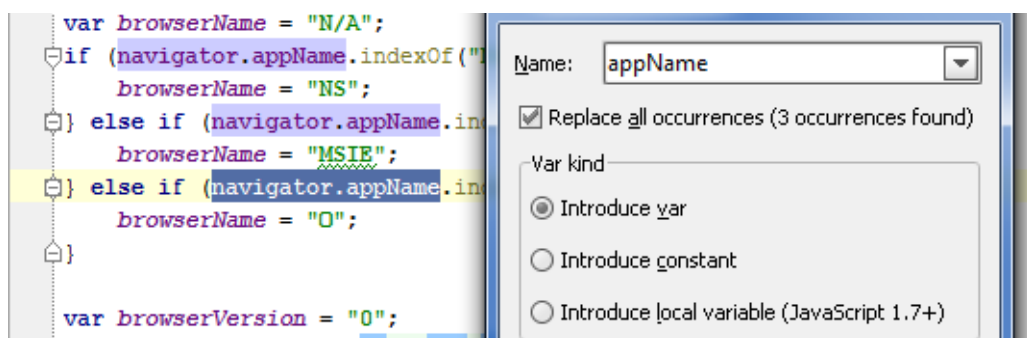
- Select one of the suggested names from the pop-up list. To do that, double-click the suitable name. Alternatively, use the **Up** and **Down** arrow keys to navigate to the name of interest, and **Enter** to select it. When finished, press **Escape**.
- Edit the name by typing. The name is shown in the box with red borders and changes as you type. When finished, press **Escape**.

To extract a variable using the dialog box

If the **Enable in place refactorings** check box is cleared in the Editor settings, the **Extract Variable** refactoring is performed by means of the dialog box.



1. Select the desired expression, and invoke *Extract Variable* refactoring as described [above](#).
2. If more than one expression is detected for the current cursor position, the **Expressions** list appears. If this is the case, select the required expression. To do that, click the expression. Alternatively, use the Up and Down arrow keys to navigate to the expression of interest, and then press Enter to select it.
3. In the **Extract Variable** dialog for SASS:
 - Specify the variable name. You can select one of the suggested names from the list or type the name in the **Name** field.
 - Specify the place for declaration. Select the desired place (global or local) from the drop-down list.
 - If more than one occurrence of the selected expression is found, you can select to replace all the found occurrences by selecting the corresponding check box. If you want to replace only the current occurrence, clear the **Replace all occurrences** check box.
 - Click **OK**.



See Also

Procedures:

- [Selecting Text in the Editor](#)
- [Rename Refactorings](#)

Reference:

- [Extract Dialogs](#)

- [Extract Variable Dialog](#)

Web Resources:

- [Developer Community](#) 