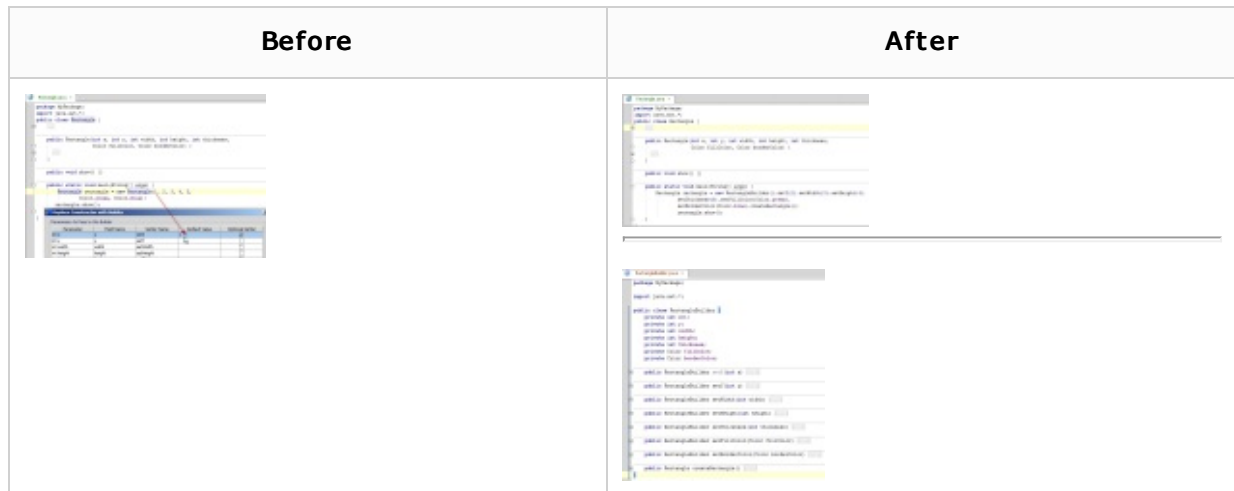


Replace Constructor with Builder

The *Replace Constructor with Builder* refactoring helps hide a constructor, replacing its usages with the references to a newly generated builder class, or to an existing builder class.

Example



To replace a constructor with a builder class

1. Place the caret at the constructor invocation to be replaced.
2. Open [Replace Constructor with Builder](#) dialog box by choosing **Refactor | Replace Constructor with Builder** on the main menu, or on the context menu of the selection. The dialog box shows the list of constructor parameters to be passed to the builder, and the suggested name of a new builder.
3. In the **Parameters to pass to the builder** list, optionally change the suggested setter names, and specify whether you want to initialize the generated fields in the builder. If you specify an initial value that matches the parameter value in the constructor invocation, you can skip setter method for such parameter by selecting the **Optional Setter** check box.
4. Specify which builder are you going to use. If you select the **Create new** radio button, IntelliJ IDEA will generate a new builder, with the specified name, located in the specified package. If you select the **Use existing** radio button, find the desired builder class in your project.
5. To review the intended changes and make final corrections prior to the refactoring, click **Preview**. To apply the changes immediately, click **Refactor**.

See Also

Reference:

- [Replace Constructor with Builder Dialog](#)

External Links:

- [IntelliJ IDEA Cookbook. Simplify Object Creation](#)

Web Resources:

- [Developer Community](#)