

Intentions

Intentions are triggered in IntelliJ when you use option/alt+enter over some code element. The available options differ depending on the code element. You can see all available intentions in the Editor → Intentions section of the IntelliJ preferences/settings.

Here are the most important categories:

- Boolean (expand boolean to if statements, flip or negate comparisons, ...)
- Conditional/ternary operator (flip conditional, replace if-else with conditional)
- Control flow:
 - Create enum switch branches, create switch statement
 - Extract if conditions
 - Invert if, merge else if, split if, swap ifs
 - Iterate
 - Replace for-each loop with indexed or iterator for loop
- Declarations
 - Assign parameter to field, bind parameters to fields, create field for parameter
 - Convert interface to abstract class
 - Join/split declaration and assignment, move initializer to constructor/setup
 - Create test class for a class
 - Generate overloaded method with default parameter values
 - Implement abstract class
- Imports
 - Add on-demand static import, expand static import
 - Add single member static import
- Visibility/scope (make package-private/private/protected/public)
- Various
 - Add clarifying parens
 - Compute constant value
 - Call chain <—> call sequence
- Refactorings

- Introduce local variable
 - Encapsulate field
- Strings
 - Break string at newlines
 - Join concatenated literals
 - Replace + with StringBuilder
 - String concat <—> String.format