

# code-style-guide

## 1. Setup

---

If this is your first time setting up the code style configuration, kindly follow the steps below.

### 1.1. Useful options

The following options are recommended to enable automatic code formatting, rearranging, and import optimization – saving time and improving the development experience:

1. **(Recommended)**

Go to: Use the Reformat File Dialog (Ctrl + Alt + Shift + L)

Enable: Reformat Code, Optimize imports, Rearrange Code, Code Cleanup

2. *(Optional)*

Settings > Appearance & Behavior > System Settings > Autosave

Enable: Save files if the IDE is idle for 60 seconds

3. *(Optional)*

Settings > Editor > General > Soft Wraps

Enable: Soft Wraps these files (It is helpful if you're using Markdown)

4. *(Optional)*

Settings > Languages & Frameworks > Markdown

Enable: Markdown Extensions (PlantUML) (If you're using PlantUML)

5. *(Optional)*

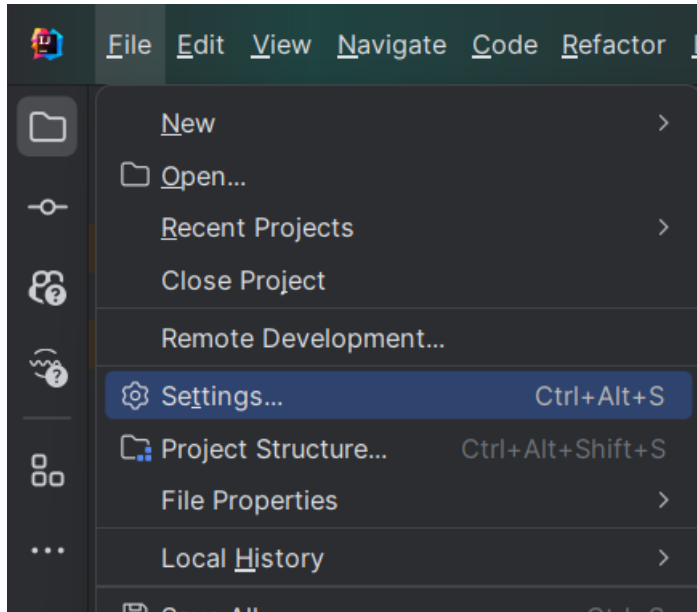
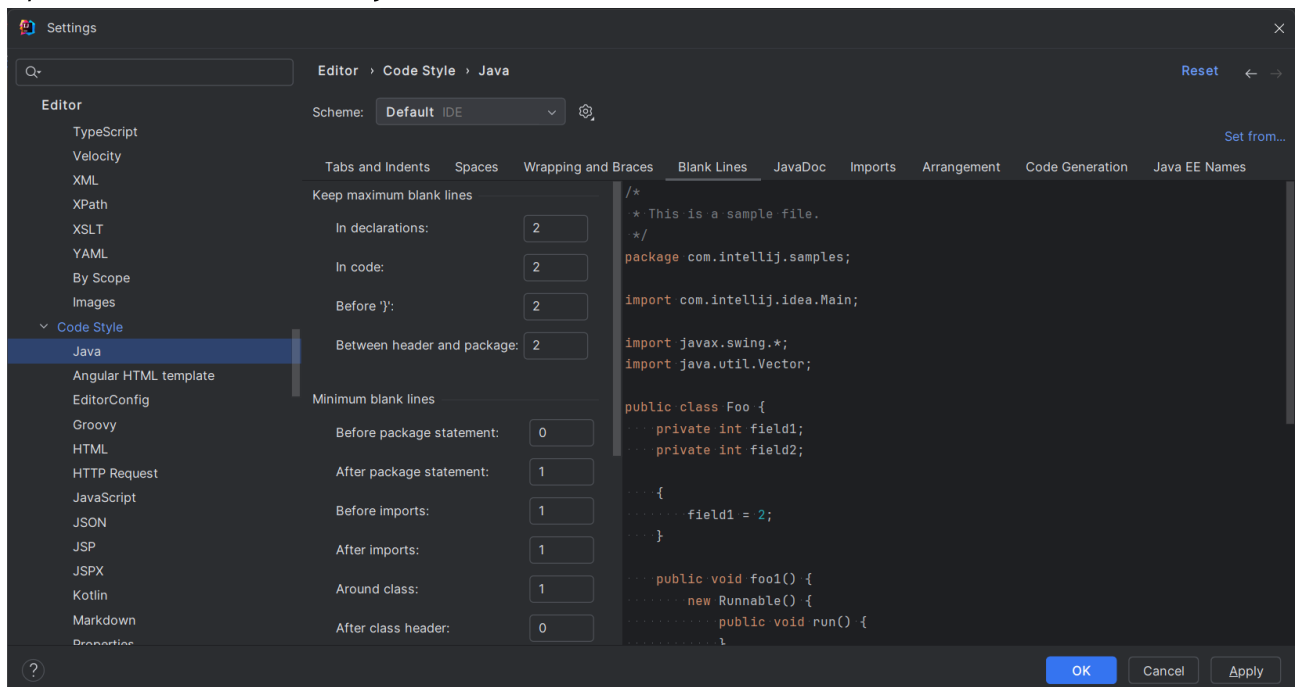
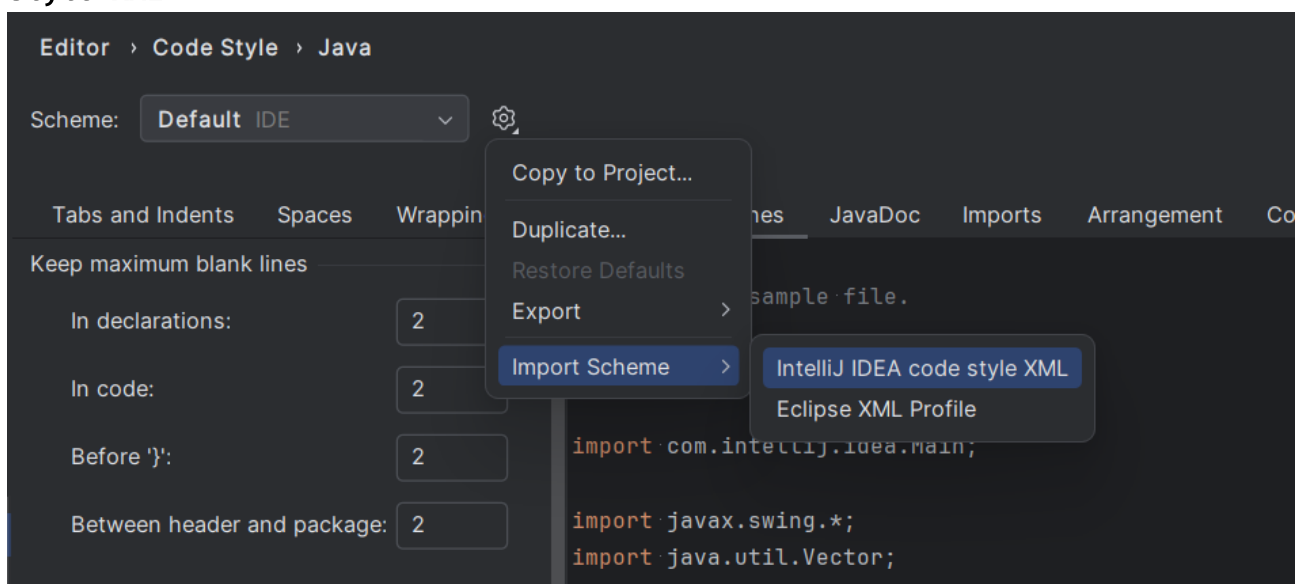
Install the SonarQube IDE plugin to detect code smells, security issues, maintainability problems, and potential bugs

### 1.2. Code Style Setup

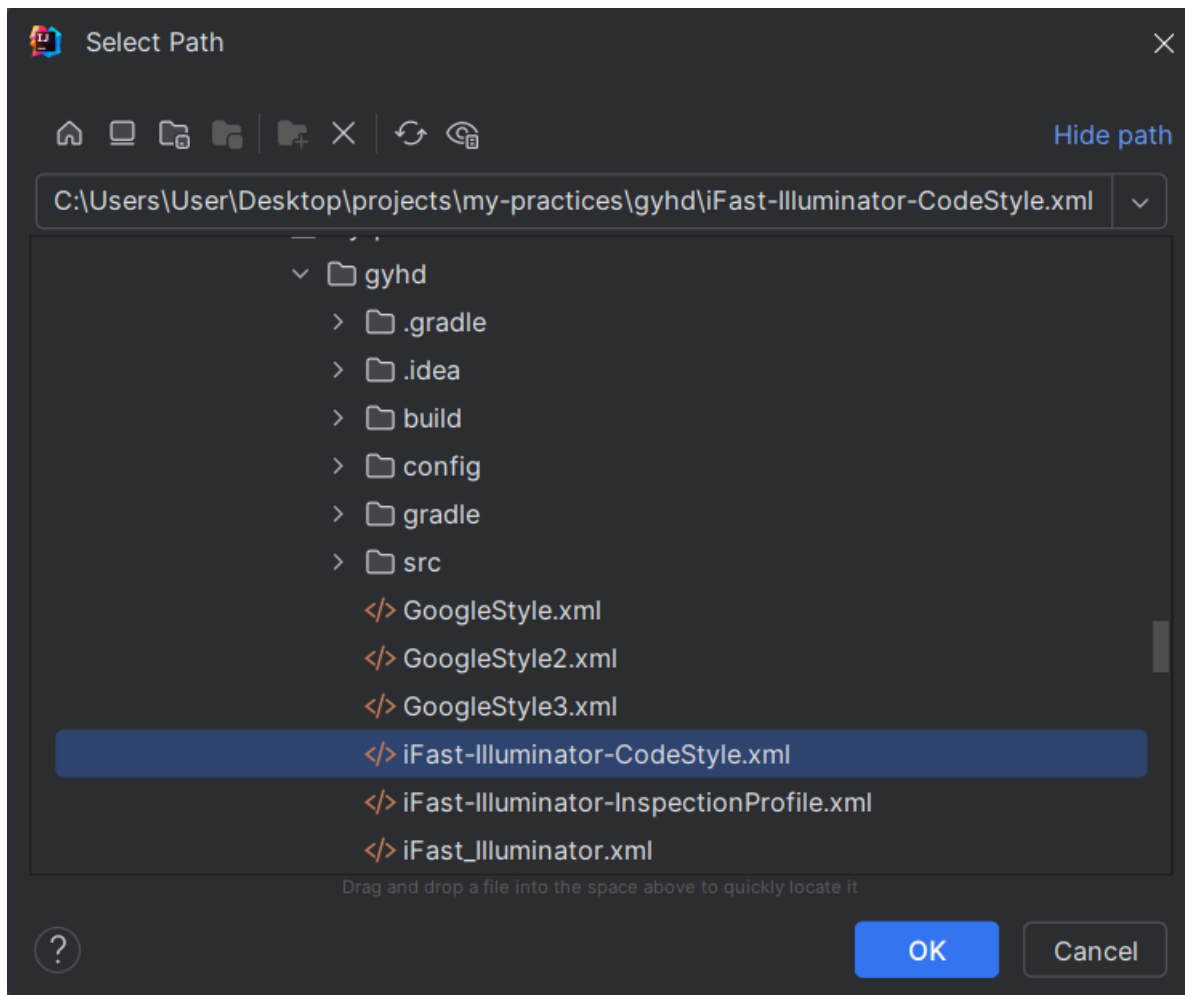
Two configuration files are provided:

File	Usage
iFast-Illuminator-CodeStyle.xml	Defines formatting and arrangement rules (indentation, alignment, wrapping, etc.)
iFast-Illuminator-InspectionProfile.xml	Defines inspections for code smells, potential bugs, maintainability, and security issues

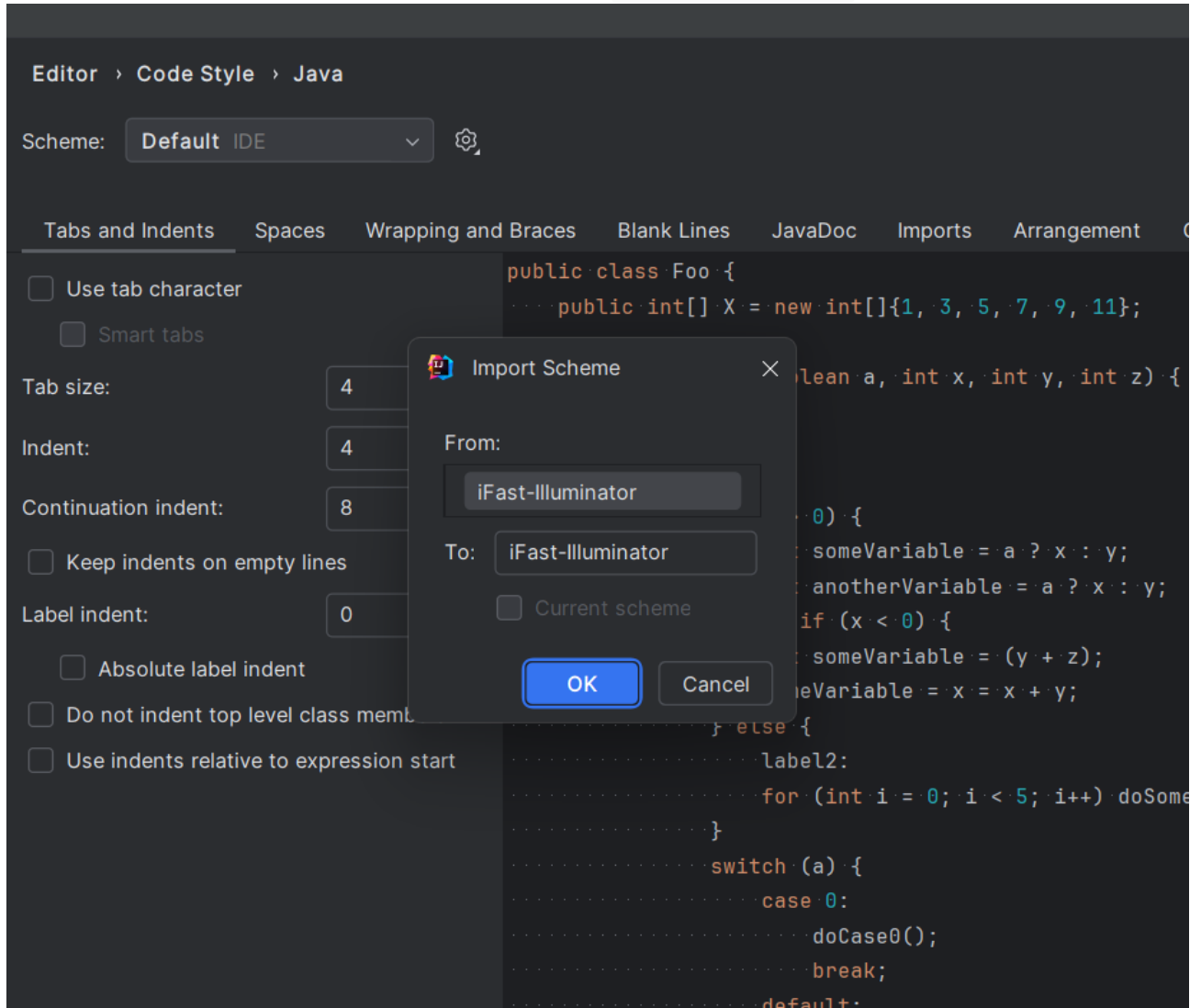
#### 1.2.1. iFastIlluminatorStyle.xml

1. Open **File > Settings**2. Open **Editor > Code Style > Java**3. Click the Scheme dropdown (gear icon) > **Import Scheme > IntelliJ IDEA code style XML**

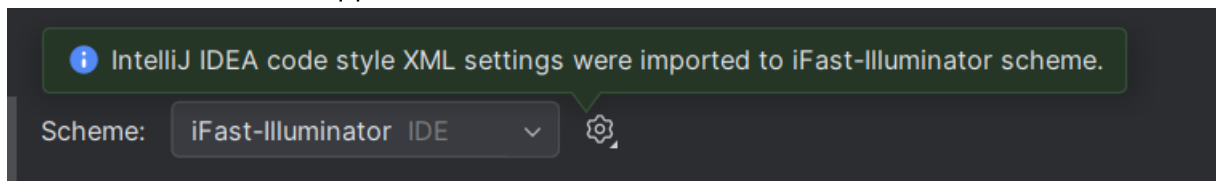
4. Select `iFast-Illuminator-CodeStyle.xml`. The scheme will load completely – the file's location won't affect future behavior.



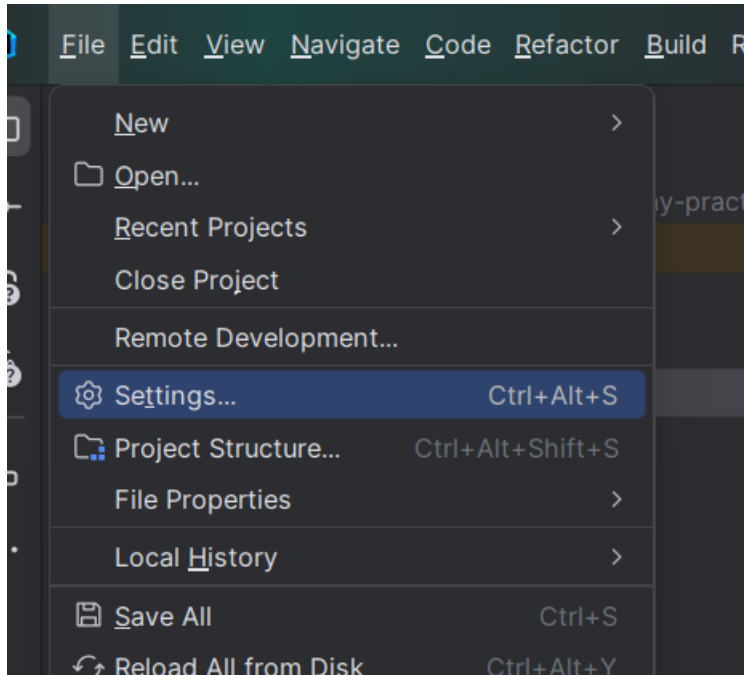
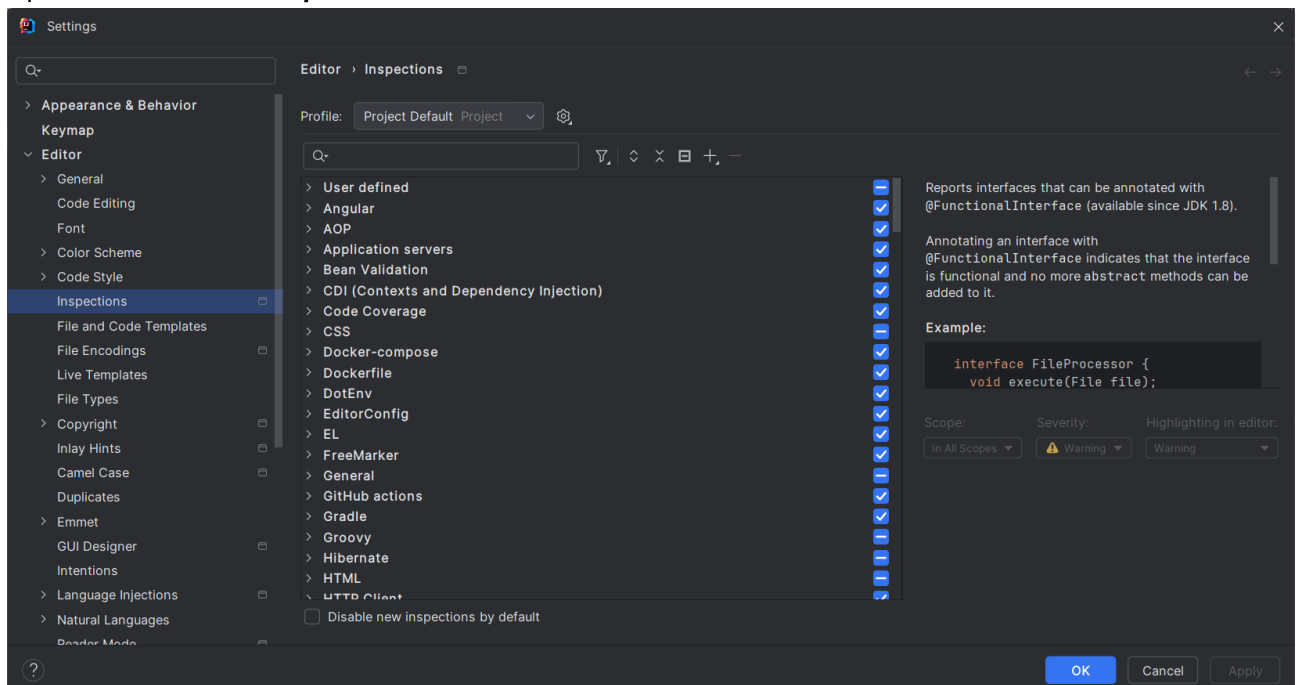
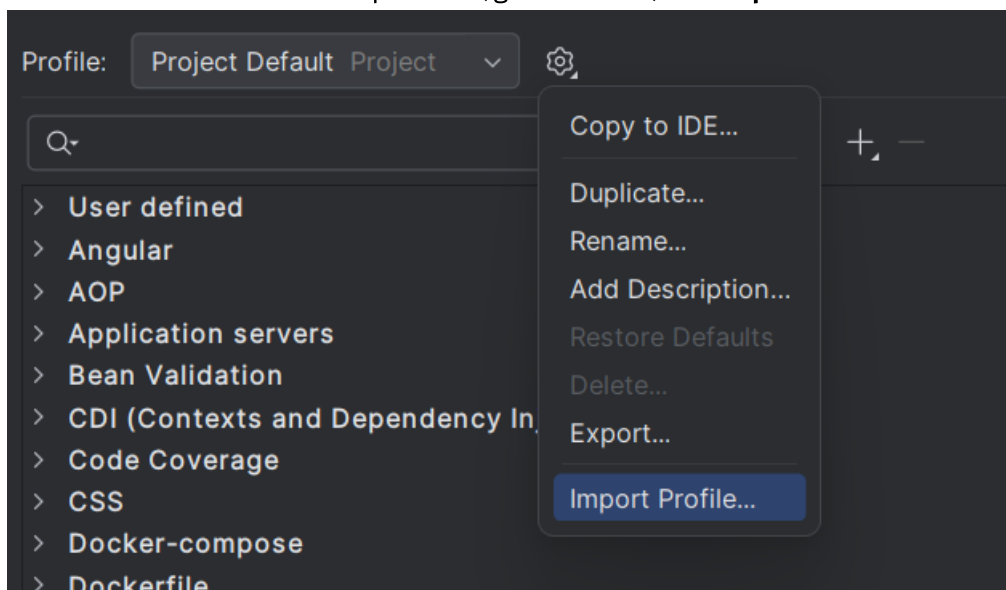
5. Name the scheme (or keep the default: `iFast-Illuminator`).

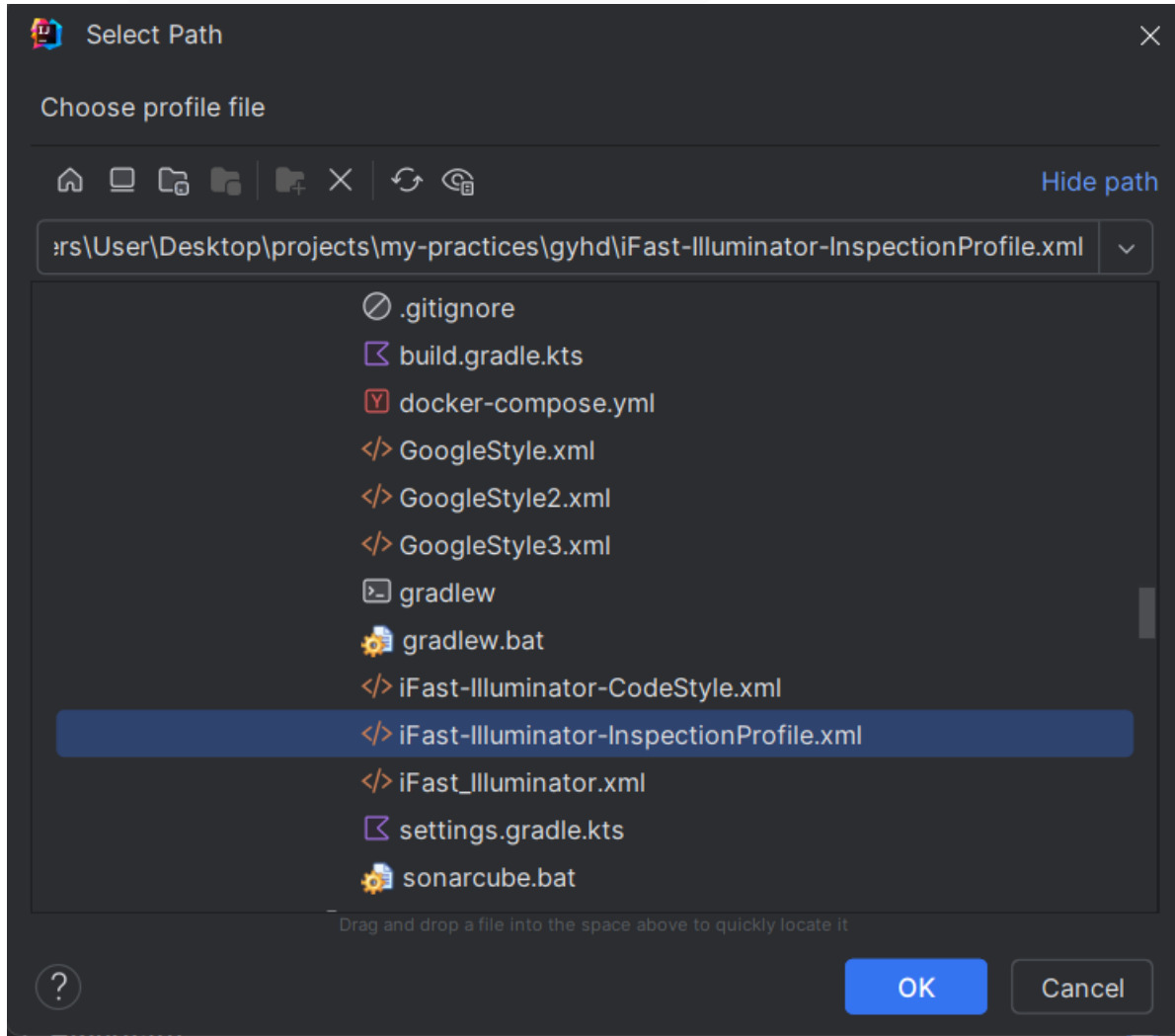


6. You should see the message:  
 “IntelliJ IDEA code style XML settings were imported to `<Your-Scheme-Name>`”  
 The scheme is now applied.

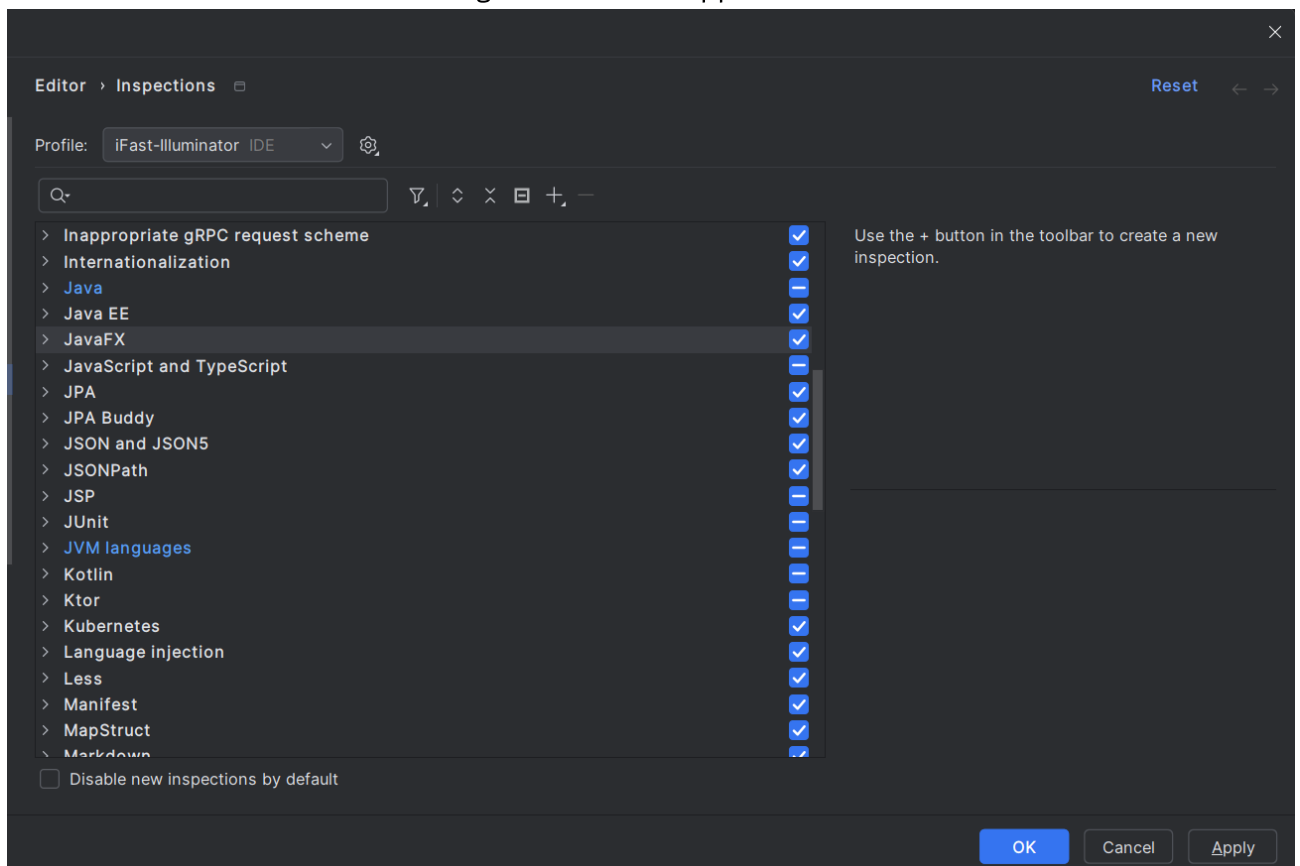


### 1.2.2. `iFast-Illuminator-InspectionProfile.xml`

1. Open **File > Settings**2. Open **Editor > Inspection**3. Click the Profile dropdown (gear icon) > **Import Profile**

4. Select `iFast-Illuminator-InspectionProfile.xml`

5. You should see the profile named `iFast-Illuminator`. Confirm that the "Java" and "JVM languages" categories are highlighted in blue – this means the configuration is applied.

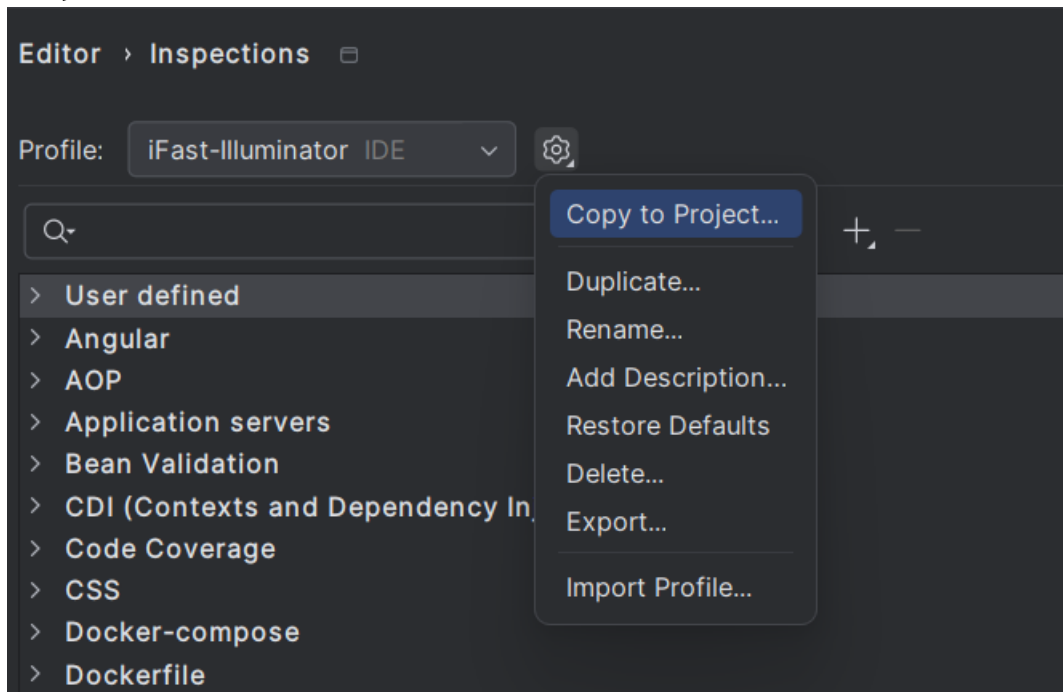


6. Click **OK**.

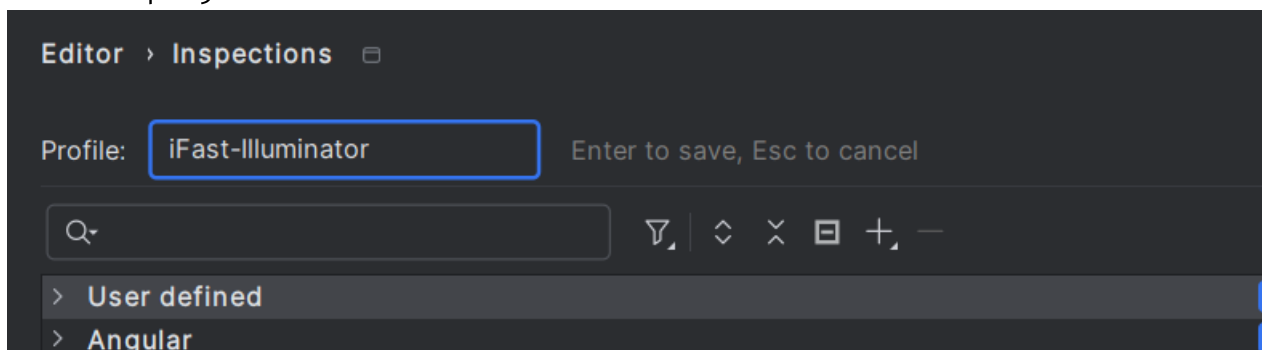
7. Go to `.idea/inspectionProfiles/profiles_settings.xml` to verify the profile was applied:

```
<component name="InspectionProjectProfileManager">
  <settings>
    <option name="PROJECT_PROFILE" value="iFast-Illuminator" />
    <option name="USE_PROJECT_PROFILE" value="false" />
    <version value="1.0" />
  </settings>
</component>
```

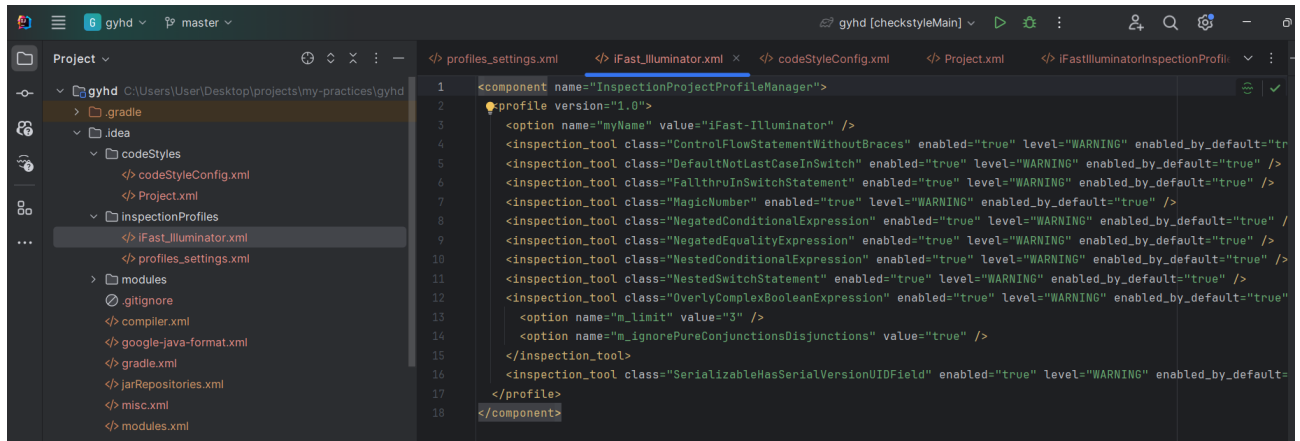
8. For further verification, in **Editor > Inspections > Profile**, click **Copy to Project**



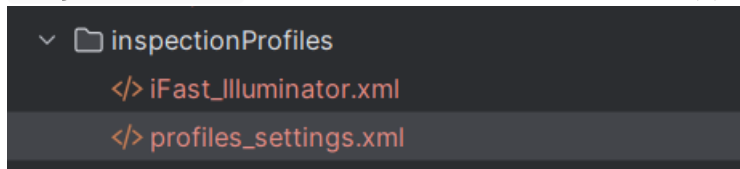
9. Keep the same name. This will copy the profile settings from IDE to the current project.



10. This will generate `.idea/inspectionProfiles/iFast_Illuminator.xml`. You can see the current configuration applied.



11. If using your own custom profile (e.g., `iFast-Illuminator`), you will see `profiles_settings.xml` – unless you are using the `Project Default` / delete the `Project Default`, in which case it won't appear.



## 1.3. Edit the configuration

It is recommended to maintain these configuration files in a **centralized Git repository**. This way, when updates are made, developers can `git pull` to get the latest changes and import them effortlessly. Version control also enables rollback and collaborative improvements (via PRs/issues).

### 1.3.1. `iFast-Illuminator-CodeStyle.xml`

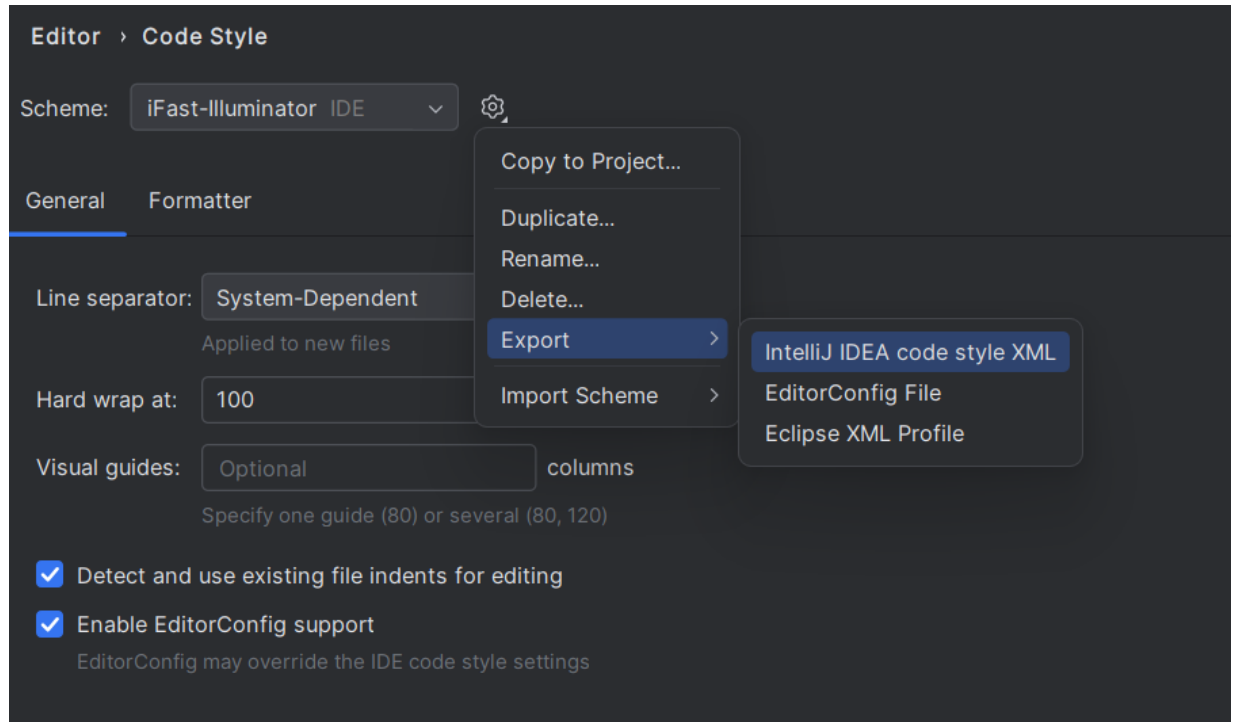
There are two approaches:

#### 1. (Less preferable yet easier)

1. Edit using IntelliJ, export to overwrite the previous scheme.
2. **!** Be cautious – this WILL overwrite useful comments and default-value options that were purposefully included. (FYI, the IDE won't show



default-value options in the exported schema).



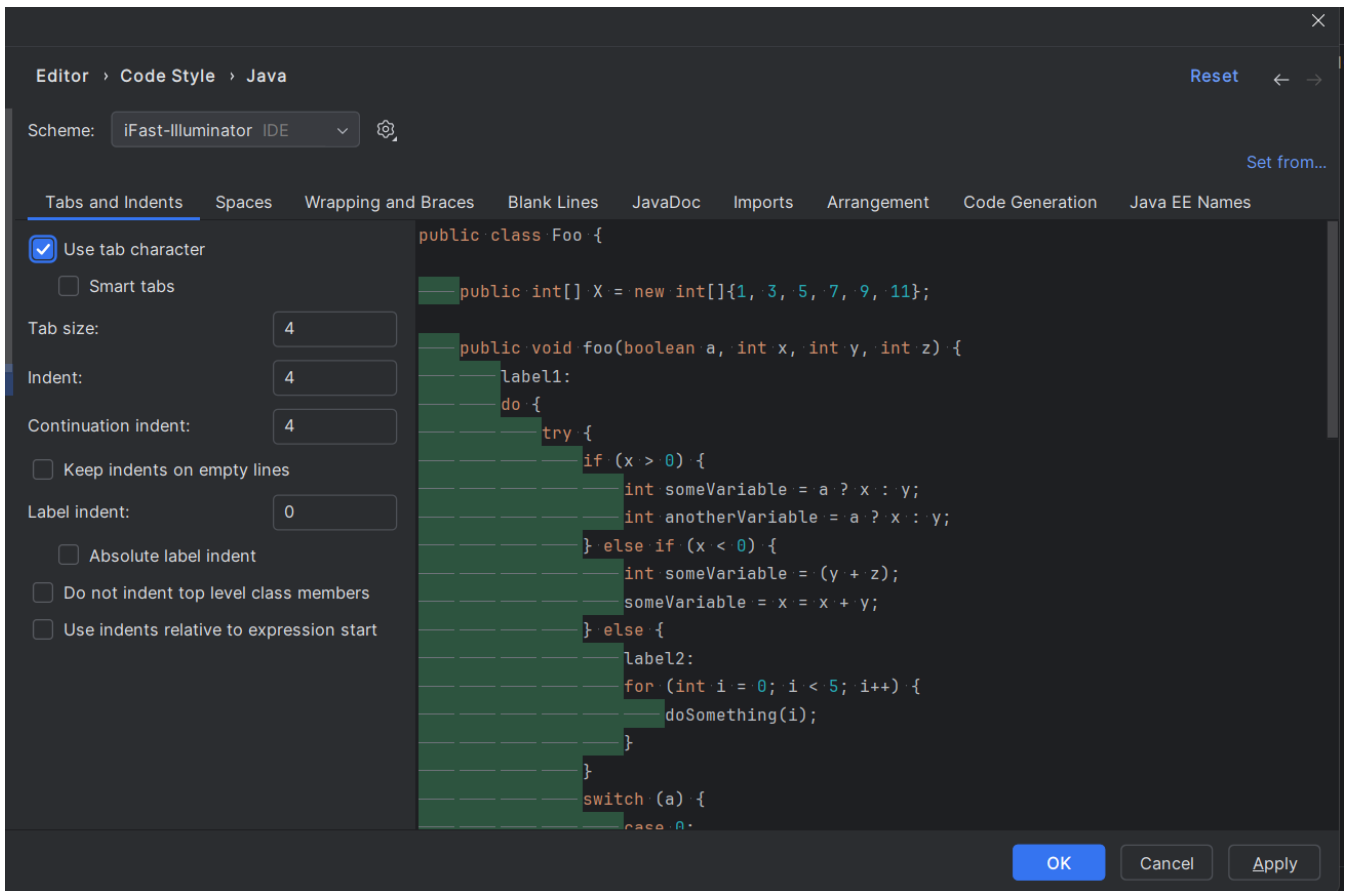
## 2. (Preferable yet manual)

1. Export changes as a new file, then manually merge the changes into the team version (e.g., `iFast-Illuminator-CodeStyle.xml`).
2. ☒ Preserves structure, comments, and intent behind the configuration.

### REMINDER:

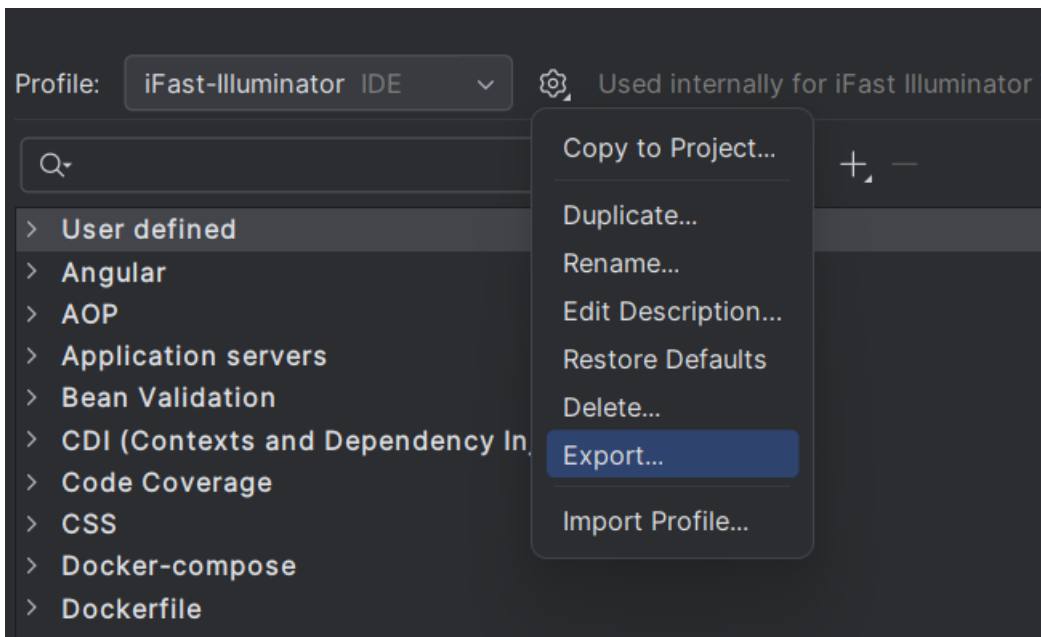
ALWAYS click **Apply** or **OK** to apply the changes before exporting – otherwise, they won't be included in the saved schema.

- **Apply:** Saves changes and keeps the settings window open
- **OK:** Saves changes and closes the settings window



### 1.3.2. iFast-Illuminator-InspectionProfile.xml

This file is easier to manage. You can directly export and overwrite the old profile without losing important settings – since inspection tools are defined by class names (`class="..."`), the structure is self-explanatory (Unless you have added any comments).



## 1.4. FAQ

**How do I use an updated profile that someone else modified?**

You'll need to re-import the updated `.xml` schema. Importing is required each time changes are made by others.

## Can I use `.editorconfig` and `.xml` files together?

Yes. IntelliJ uses configuration in this order:

1. `.editorconfig` (highest precedence)
2. XML configuration (e.g., `CodeStyle.xml`)
3. IDE defaults (lowest precedence)

However, we currently do **not** use `.editorconfig`.

## Will autoformatting affect all files in the project?

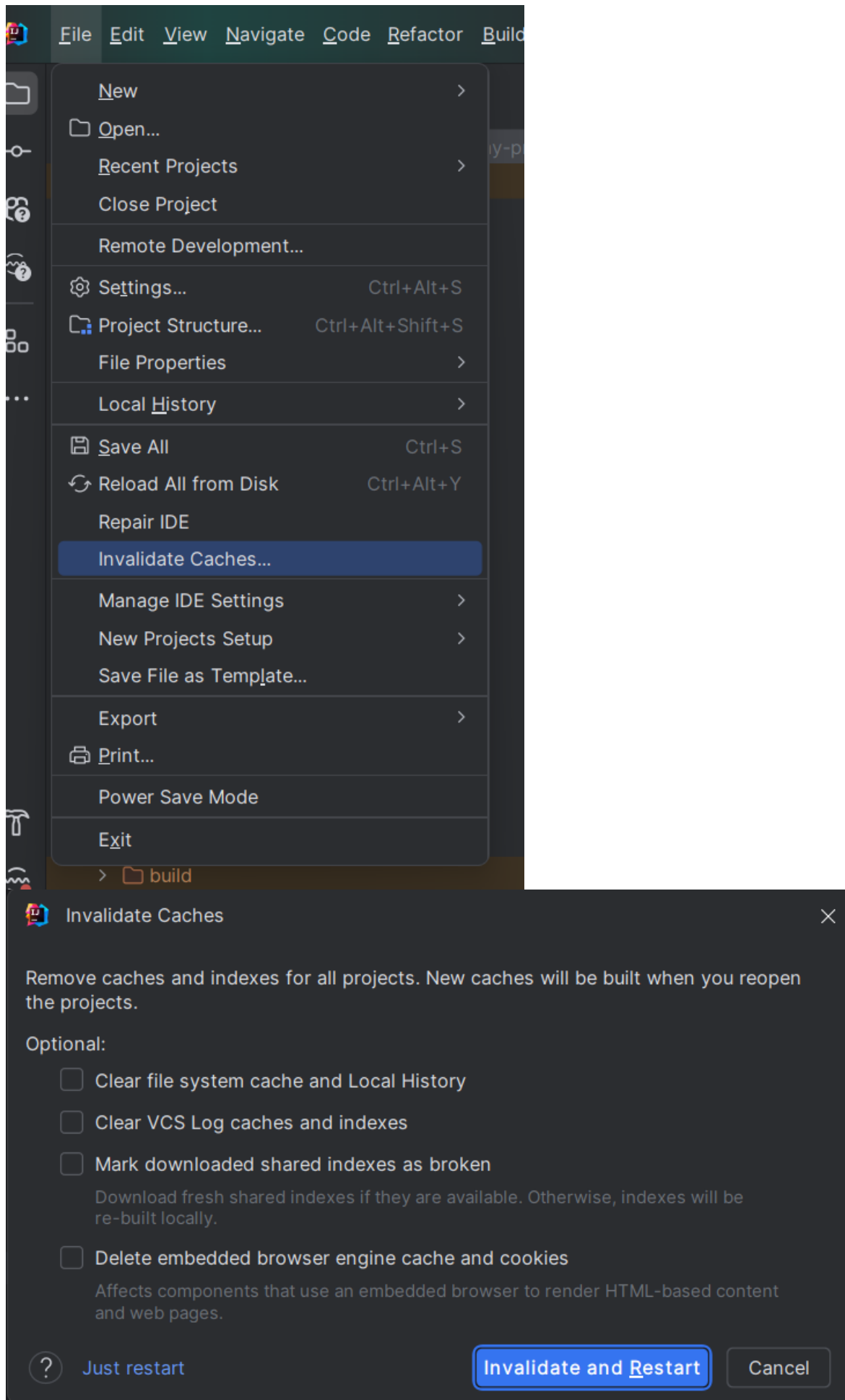
No. IntelliJ IDEA applies reformatting only to:

- Files you're editing
- Files saved, if Actions on Save is enabled
- Files explicitly selected during a bulk reformatting action

## Why don't my changes appear?

Checklist:

- Make sure you clicked **Apply** or **OK** before exiting settings.
- If someone else updated the profile/schema, re-import the `.xml` file.
- If everything seems correct but still doesn't apply, restart the IDE: Go to **File > Invalidate Caches > Invalidate and Restart**.



## 2. (Optional) XML

You can find the complete files in the folder. This section is mainly used to describe some of the fields.

## 2.1. **IMPORT\_LAYOUT\_TABLE**

---

Before:

```
import java.util.List;
import static java.lang.Math.max;
import java.io.File;
import static java.lang.System.out;
```

After:

```
import static java.lang.Math.max;
import static java.lang.System.out;

import java.io.File;
import java.util.List;
```

## 2.2. **KEEP\_BLANK\_LINES\_BEFORE\_RBRACE=0**

---

Before:

```
public class Student {
    public static void main(String[] args) {
    }
    // There's a lot of blank lines here...

}
```

After:

```
public class Student {
    public static void main(String[] args) {
    }
    // There's no blank lines right now!
}
```

## 2.3. **BLANK\_LINES\_AFTER\_CLASS\_HEADER=1**

---

Before:

```
public class Student {

    // There's only one blank lines after class header right now!
    public static void main(String[] args) {
    }
}
```

```
public class Student {
    public static void main(String[] args) {
        String name = "Student";

        int age = 25;

        double cgpa = 4.0;

    }
}
```

```
public class Student {
    public static void main(String[] args) {
        String name = "Student";

        int age = 25;

        double cgpa = 4.0;
    }
}
```

```
}
}
```

## 2.5. ALIGN\_MULTILINE\_PARAMETERS

```
<option name="ALIGN_MULTILINE_PARAMETERS" value="true"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces >

Original:

```
private static <T extends Comparable<T>, Y> void longMethod(Supplier<T> supplierForT, Supplier<Y> supplierForY, Consumer<T> consumerForT) {
}
```

true :

```
private static <T extends Comparable<T>, Y> void longMethod(Supplier<T> supplierForT,
                                                             Supplier<Y> supplierForY,
                                                             Consumer<T> consumerForT) {
}
```

false :

```
private static <T extends Comparable<T>, Y> void longMethod(Supplier<T> supplierForT,
                                                             Supplier<Y> supplierForY, Consumer<T> consumerForT) {
}
```

In both scenario, the IDE will split the parameters automatically after they exceed the maximum length allowed.

## 2.6. ALIGN\_MULTILINE\_RESOURCES

```
<option name="ALIGN_MULTILINE_RESOURCES" value="false"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces >

value=false:

```
try (Scanner sc1 = new Scanner(System.in);
     Scanner sc2 = new Scanner(System.in);
     Scanner sc3 = new Scanner(System.in)) {
}
```

value=true:

```
try (Scanner sc1 = new Scanner(System.in);
    Scanner sc2 = new Scanner(System.in);
    Scanner sc3 = new Scanner(System.in)) {
}
```

## 2.7. TERNARY\_OPERATION\_SIGNS\_ON\_NEXT\_LINE

```
<option name="TERNARY_OPERATION_SIGNS_ON_NEXT_LINE" value="true"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Ternary operation

value=0, Do not wrap

```
int y =
    2 > 3 ? 7 + 8 + 9 : 11
    + 12 + 13;
```

(Currently in use) value=1, Wrap if long

```
int y = 2 > 3 ? 7 + 8 + 9
    : 11 + 12 + 13;
```

value=2, Chop down if long

```
int y = 2 > 3
    ? 7 + 8 + 9
    : 11 + 12 + 13;
```

value=3, Wrap always

```
int y = 2 > 3
    ? 7 + 8 + 9
    : 11 + 12 + 13;
```

## 2.8. USE\_RELATIVE\_INDENTS

```
<option name="USE_RELATIVE_INDENTS" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Tabs and Indents

Will affect a lot of indentation\*



false:

```
List<String> strings = students.stream() Stream<Student>
    .map(Student::toString) Stream<String>
    .sorted(Comparator.naturalOrder())
    .toList();
```

```
boolean complexCondition = 1 == 2
    && 2 == 3
    && 3 == 4;
```

true:

```
List<String> strings = students.stream() Stream<Student>
    .map(Student::toString) Stream<String>
    .sorted(Comparator.naturalOrder())
    .toList();
```

```
boolean complexCondition = 1 == 2
    && 2 == 3
    && 3 == 4;
```

## 2.9. ALIGN\_MULTILINE\_CHAINED\_METHODS

```
<option name="ALIGN_MULTILINE_CHAINED_METHODS" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

```
List<String> strings = students.stream() Stream<Student>
    .map(Student::toString) Stream<String>
    .sorted(Comparator.naturalOrder())
    .toList();
```

```
List<String> strings = students.stream() Stream<Student>
    .map(Student::toString) Stream<String>
    .sorted(Comparator.naturalOrder())
    .toList();
```

## 2.10. ALIGN\_MULTILINE\_BINARY\_OPERATION

```
<option name="ALIGN_MULTILINE_BINARY_OPERATION" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Without any settings

```
int veryComplexIntegerComputation = 20;
int anotherVeryComplexIntegerComputation = 30;
int superComplexIntegerComputation = 40;

int sum = veryComplexIntegerComputation + 2
        + anotherVeryComplexIntegerComputation + 4
        + superComplexIntegerComputation;
```

With relative indentation

```
int veryComplexIntegerComputation = 20;
int anotherVeryComplexIntegerComputation = 30;
int superComplexIntegerComputation = 40;

int sum = veryComplexIntegerComputation + 2
        + anotherVeryComplexIntegerComputation + 4
        + superComplexIntegerComputation;
```

With relative indentation + Binary Multiline Alignment (The latter will overwrite)

```
int veryComplexIntegerComputation = 20;
int anotherVeryComplexIntegerComputation = 30;
int superComplexIntegerComputation = 40;

int sum = veryComplexIntegerComputation + 2
        + anotherVeryComplexIntegerComputation + 4
        + superComplexIntegerComputation;
```

## 2.11. ALIGN\_MULTILINE\_TERNARY\_OPERATION

```
<option name="ALIGN_MULTILINE_TERNARY_OPERATION" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Without any settings

```
String yes = 1 == 2
    ? "Hello world"
    : "No";
```

With relative indentation

```
String yes = 1 == 2
    ? "Hello world"
    : "No";
```

With relative indentation + Binary Multiline Alignment (The latter will overwrite)

```
String yes = 1 == 2
             ? "Hello world"
             : "No";
```

## 2.12. Annotation

```
<!-- Debatable -->
<!-- Means the annotation will wrap parameters if they are too long -->
<option name="ANNOTATION_PARAMETER_WRAP" value="1" />

<!-- Debatable -->
<!-- Means the parameters will be aligned -->
<option name="ALIGN_MULTILINE_ANNOTATION_PARAMETERS" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Without any config

```
@Annotation1
@Annotation2
@Annotation3(param1 := "value1", param2 := "value2")
@Annotation4
class Foo {

    @Annotation1
    @Annotation3(param1 := "value1", param2 := "value2")
    public static void foo() {
    }
```

Wrap if Long (value=1)

```
@Annotation1
@Annotation2
@Annotation3(param1 := "value1",
param2 := "value2")
@Annotation4
class Foo {

    @Annotation1
    @Annotation3(param1 := "value1",
param2 := "value2")
    public static void foo() {
    }
```

Align when multiline

```
@Annotation1
@Annotation2
@Annotation3(param1 = "value1",
.....param2 = "value2")
@Annotation4
class Foo {

.....@Annotation1
.....@Annotation3(param1 = "value1",
.....param2 = "value2")
.....public static void foo() {
.....}

.....@Annotation1
.....@Annotation3(param1 = "value1",
.....param2 = "value2")
```

## 2.13. ALIGN\_GROUP\_FIELD\_DECLARATIONS

```
<option name="ALIGN_GROUP_FIELD_DECLARATIONS" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Before:

```
public class ThisIsASampleClass extends
.....C1 implements I1, I2, I3, I4,
.....I5 {

.....private int f1 = 1;
.....private String field2 = "";

.....public void foo1(int i1, int i2,
.....int i3, int i4, int i5,
.....int i6, int i7) {
.....}
```

After:

```
public class ThisIsASampleClass extends
    C1 implements I1, I2, I3, I4,
    I5 {

    private int f1 = 1;
    private String field2 = "";

    public void foo1(int i1, int i2,
        int i3, int i4, int i5,
        int i6, int i7) {
    }
```

## 2.14. ALIGN\_CONSECUTIVE\_VARIABLE\_DECLARATIONS

```
<option name="ALIGN_CONSECUTIVE_VARIABLE_DECLARATIONS" value="true" />
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Before:

```
int i = 0;
int[] a = new int[] {1, 2,
    0x0052, 0x0053, 0x0054};
int[] empty = new int[] {};
int var1 = 1;
int var2 = 2;
foo1(0x0051, 0x0052, 0x0053,
    0x0054, 0x0055, 0x0056,
    0x0057);
int x =
    (3 + 4 + 5 + 6) * (7 + 8
    + 9 + 10) * (11 + 12
    + 13 + 14
    + 0xFFFFFFFF);
String s1, s2, s3;
s1 = s2 = s3 = "012345678901456";
```

After:

```

.....i:=0;
.....int[] a.....=new int[]{1, 2,
.....0x0052, 0x0053, 0x0054};
.....int[] empty=new int[]{};
.....int var1:=1;
.....int var2:=2;
.....foo1(0x0051, 0x0052, 0x0053,
.....0x0054, 0x0055, 0x0056,|
.....0x0057);
.....int x:=
.....(3+4+5+6)* (7+8
.....+9+10)* (11+12
.....+13+14
.....+0xFFFFFFFF);

```

## 2.15. Throw

```

<option name="THROWS_LIST_WRAP" value="0" />
<option name="ALIGN_MULTILINE_THROWS_LIST" value="false" />

```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces

Without any settings

```

.....public static void longerMethod()
.....throws Exception1, Exception2, Exception3 {
.....
.....}

```

With Wrap if Long (value=1)

```

.....public static void longerMethod()
.....throws Exception1,
.....Exception2, Exception3 {
.....
.....}

```

With Wrap if Long (value=1) + Align when multiline

```

.....public static void longerMethod()
.....throws Exception1,
.....Exception2,
.....Exception3 {
.....
.....}

```

## 2.16. Records

```

<option name="RECORD_COMPONENTS_WRAP" value="0" />
<option name="ALIGN_MULTILINE_RECORDS" value="false" />
<option name="NEW_LINE_AFTER_LPAREN_IN_RECORD_HEADER" value="false" />
<option name="RPAREN_ON_NEW_LINE_IN_RECORD_HEADER" value="false" />

```

Without any settings

```
public record Student(String someVeryLongNameHereToDisplay,
    String anotherVeryLongEmailToDisplay) { no usages
}
```

With `RECORD_COMPONENTS_WRAP` / Manual line breaks + `ALIGN_MULTILINE_RECORDS`

```
public record Student(String someVeryLongNameHereToDisplay, 60
    String anotherVeryLongEmailToDisplay) {
}
```

```
public record Student( 6 usages new *
    String someVeryLongNameHereToDisplay, no usages
    String anotherVeryLongEmailToDisplay) { no usages
}
```

With all options

```
public record Student( 6 usages new *
    String someVeryLongNameHereToDisplay, no usages
    String anotherVeryLongEmailToDisplay no usages
) {
}
```

### Info

Basically, by turning on all the options, it will automatically turn it into the last format. Without `wrap_if_long`, the developers would need to insert the line break manually.

## 2.17. Control Statement

- `KEEP_CONTROL_STATEMENT_IN_ONE_LINE`
- `IF_BRACE_FORCE`

```
<option name="KEEP_CONTROL_STATEMENT_IN_ONE_LINE" value="false"/>
<option name="IF_BRACE_FORCE" value="3"/>
```

This configuration will automatically add braces for if-else statements and force them to be in multiline.

Before:

```
if (2 == 3) System.out.println("Yes"); else System.out.println("No");
```

After:

```
if (2 == 3) {
    System.out.println("Yes");
} else {
    System.out.println("No");
}
```

## 2.18. KEEP\_BLANK\_LINES\_IN\_CODE

---

```
<option name="KEEP_BLANK_LINES_IN_CODE" value="1"/>
```

This option will keep only 1 blank line between code section.

Before:

```
boolean complexCondition = 1 == 2 && 2 == 3 && 3 == 4;
String cond = ""
    |Hello world
    |Lets go
    |"";

System.out.println(cond);
```

After:

```
boolean complexCondition = 1 == 2 && 2 == 3 && 3 == 4;
String cond = ""
    |Hello world
    |Lets go
    |"";

System.out.println(cond);
```

## 2.19. BLANK\_LINES\_AFTER\_CLASS\_HEADER

---

```
<option name="BLANK_LINES_AFTER_CLASS_HEADER" value="1"/>
```



This option will add a blank line after class header.

Before:

```
public class Main {
    public static void main(String[] args) {
```

After:

```
public class Main {

    public static void main(String[] args) {
```

## 2.20. METHOD\_PARAMETERS\_WRAP

```
<option name="METHOD_PARAMETERS_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Method declaration parameters

value=0, Do not wrap

```
public void foo1(int i1, int i2, int i3, int i4, int i5, int i6, int i7)
{
```

(Currently in use) value=1, Wrap if long

```
public void foo1(int i1, int i2,
    int i3, int i4, int i5,
    int i6, int i7) {
}
```

value=2, Chop down if long

```
public void foo1(int i1,
    int i2,
    int i3,
    int i4,
    int i5,
    int i6,
    int i7) {
}
```

## 2.21. EXTENDS\_LIST\_WRAP

```
<option name="EXTENDS_LIST_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Extends/implements/permits list

value=0, Do not wrap

```
public class ThisIsASampleClass extends C1 implements I1, I2, I3, I4, I5 {
```

(Currently in Use) value=1, Wrap if Long

```
public class ThisIsASampleClass extends
    C1 implements I1, I2, I3, I4,
    I5 {
```

## 2.22. THROWS\_KEYWORD\_WRAP

```
<option name="THROWS_KEYWORD_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Throws keyword

value=0, Do not wrap

```
public static void longerMethod() throws Exception1, Exception2, Excepti
```

(Currently in Use) value=1, Wrap if long

```
public static void longerMethod()
    throws Exception1, Exception2, Exception3 {
```

## 2.23. METHOD\_CALL\_CHAIN\_WRAP

```
<option name="METHOD_CALL_CHAIN_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Chained method calls

value=0, Do not wrap

```

```

(Currently in Use) value=1, Wrap if long

```
super.getFoo().foo()
    .getBar().bar();
```

## 2.24. BINARY\_OPERATION\_WRAP

```
<option name="BINARY_OPERATION_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Binary expressions

value=0, Do not wrap

```
int x = (3 + 4 + 5 + 6) * (7 + 8 + 9 + 10) * (11 + 12 + 13 + 14 +
```

(Currently in Use) value=1, Wrap if long

```
int x =
    (3 + 4 + 5 + 6) * (7 + 8
    + 9 + 10) * (11 + 12
    + 13 + 14
    + 0xFFFFFFFF);
```

## 2.25. BINARY\_OPERATION\_SIGN\_ON\_NEXT\_LINE

```
<option name="BINARY_OPERATION_SIGN_ON_NEXT_LINE" value="true"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Binary expressions > Operation sign on next line

value=false

```
int x = (3 + 4 + 5 + 6) *
    (7 + 8 + 9 + 10) *
    (11 + 12 + 13 + 14 +
    0xFFFFFFFF);
```

(Currently in Use) value=true

```
int x =
    (3 + 4 + 5 + 6) * (7 + 8
    + 9 + 10) * (11 + 12
    + 13 + 14
    + 0xFFFFFFFF);
```

## 2.26. TERNARY\_OPERATION\_WRAP

```
<option name="TERNARY_OPERATION_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Ternary operation > Operation sign on next line

value=false

```
int y = 2 > 3 ? 7 + 8 + 9 :
    11 + 12 + 13;
```

(Currently in use) value=true

```
int y = 2 > 3 ? 7 + 8 + 9
      : 11 + 12 + 13;
```

## 2.27. FOR\_STATEMENT\_WRAP

```
<option name="FOR_STATEMENT_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > for() statement

value=false, Do not wrap

```
for (int i = 0;
     i < 0xFFFFFFFF; i += 2) {
    System.out.println(i);
}
```

(Currently in use) value=1, Wrap if long

```
for (int i = 0; i < 0xFFFFFFFF;
     i += 2) {
    System.out.println(i);
}
```

## 2.28. ARRAY\_INITIALIZER\_WRAP

```
<option name="ARRAY_INITIALIZER_WRAP" value="1"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces > Array Initializer

value=0, Do not wrap

```
int[] a = new int[]{1, 2, 0x0052, 0x0053, 0x0054};
```

\*\*(Currently in use) value=1, Wrap if long

```
int[] a = new int[]{1, 2,
                    0x0052, 0x0053, 0x0054};
```

value=2, Chop down if long

```
int[] a = new int[]{1,
                    2,
                    0x0052,
                    0x0053,
                    0x0054};
```

## 2.29. Other braces

```
<option name="DOWHILE_BRACE_FORCE" value="3"/>
<option name="WHILE_BRACE_FORCE" value="3"/>
<option name="FOR_BRACE_FORCE" value="3"/>
```

**Manual Config:** Settings > Editor > Code Style > Java > Wrapping and Braces  
value=3, (Force braces=Always, always add braces)

## 3. References

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If you are using the `google-java-format` plugin, kindly refer to [this guide](#). However, some configurations (e.g., indentation) provided by the Google Java Style may not align with the habits or preferences of the majority.