Code Conventions for the Java Programming Language

- description : 4 - Indentation
- author :
- email : shlim@repia.com
- lastupdate : 2022-04-14 Thr

4.

4   .   (space va tabs)
                    .   8   (4   )   .

4.1

80   .

Note :   70   .

4.2

                              ,   .

- .
-               (operator)   .
- .
- .
-   ,   8
    .

                                                    .

```
someMethod(longExpression1, longExpression2, longExpression3,
        longExpression4, longExpression5);
var = someMethod1(longExpression1,
                someMethod2(longExpression2,
                           longExpression3));
```

.

,   .

```
longName1 = longName2 * (longName3 + longName4 - longName5)
                    + 4 * longName6;     // PREFER

longName1 = longName2 * (longName3 + longName4
                        - longName5 + 4 * longName6;     // AVOID
```

.   .

8   .

```
// CONVENTIONAL INDENTATION
someMethod(int anArg, Object anotherArg, String yetAnotherArg,
           Object andStillAnother) {
    ...
}

// INDENT 8 SPACES TO AVOID VERY DEEP INDENTS
private static synchronized horkingLongMehtodName(int anArg,
        Object anotherArg, String yetAnotherArg,
        OBject andStillAnother) {
    ...
}
```

if   8-   .   (4-   )   body
               .   :

```
// DON'T USE THIS INDENTATION
if ((condition1 && condition2)
    || (condition3 && condition4)
    || !(condition5 && condition6)) {    // BAD WRAPS
    doSomethingAboutIt();                // MAKE THIS LINE EASY TO MISS
}
```

```
// USE THIS INDENTATION INSTEAD
if ((condition1 && condition2)
        || (condition3 && condition4)
        || !(condition5 && condition6)) {
    doSomethingAboutIt();
}

// OR USE THIS
if ((condition1 && condition2) || (condition3 && condition4)
        || !(condition5 && condition6)) {
    soSomethingAboutIt();
}
```

(ternary expression) .

```
alpha = (aLongBooleanExpression) ? beta : gamma;

alpha = (aLongBooleanExpression) ? beta
                                 : gamma;

alpha = (aLongBooleanExpression)
        ? beta
        : gamma;
```

Ref

[Code Conventions for the Java Programming Language 4 - Indentation](#)

,, [Code](#), [Conventions,,](#) [Indentation](#)