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Java – How to generate serialVersionUID



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This article shows you a few ways to generate the `serialVersionUID` for serialization class.

1. serialver

JDK has a built-in command `serialver` to generate a `serialVersionUID` automatically.

In this example, we use `serialver` to generate a `serialVersionUID` for an `Address` class.

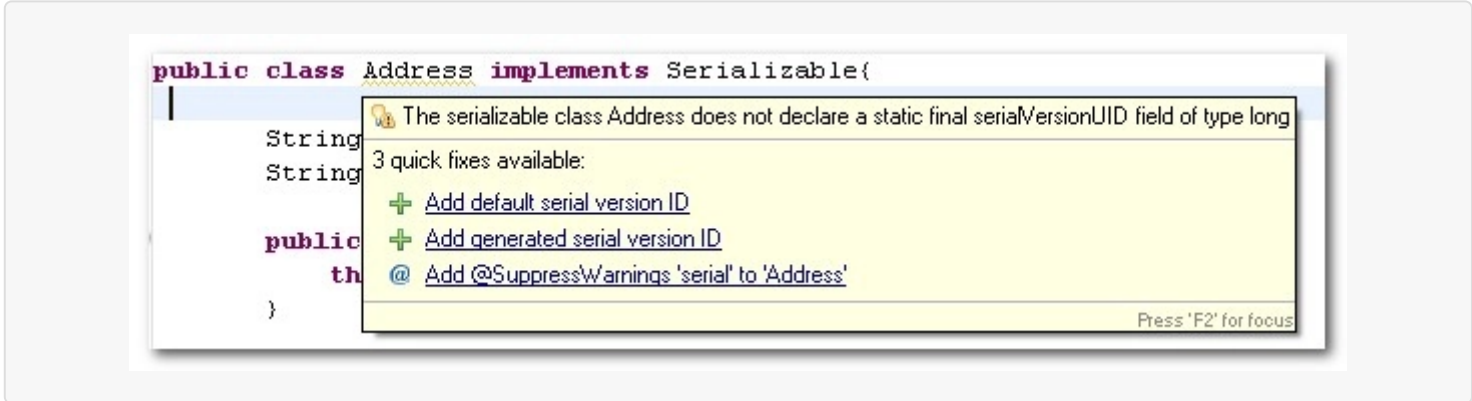
Terminal

```
$ serialver Address

Address:      static final long serialVersionUID = -687991492884005033L;
```

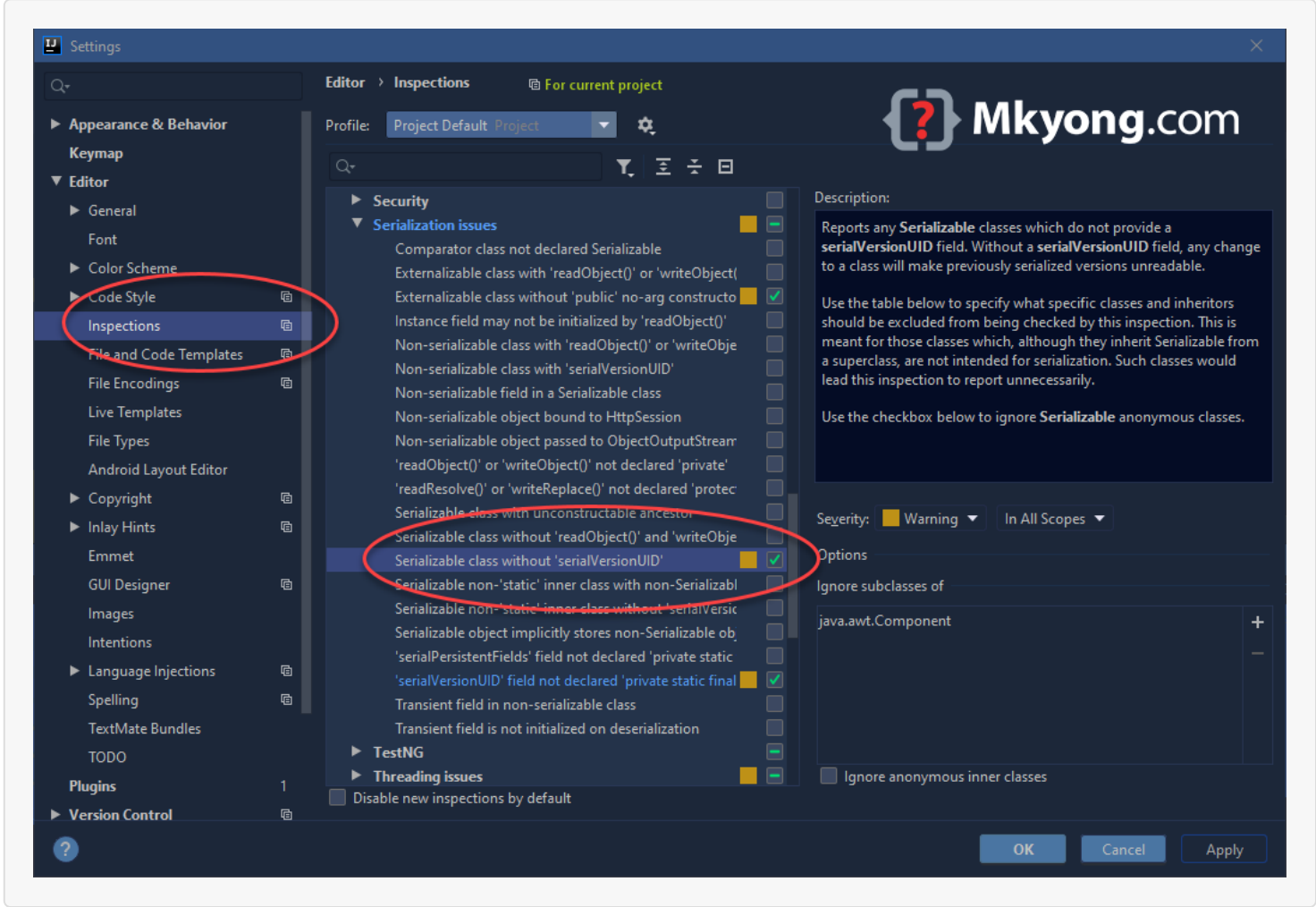
2. Eclipse IDE

For Eclipse IDE, move the mouse over the serialization class, or click on the serialization class and press `CTRL + 1`.



3. IntelliJ IDEA

Unlinke Eclipse IDE, we need to enable the auto generate `serialVersionUID` option manually. Refer to this guide – [How to generate serialVersionUID in IntelliJ IDEA](#)



4. 1L

Puts `serialVersionUID=1L`; It should be sufficient in most cases.

```
private static final long serialVersionUID = 1L;
```

Further Reading

[What is serialVersionUID](#)

References

- [How to generate serialVersionUID in IntelliJ IDEA](#)
- [Java Serialization examples](#)
- [Java – What is transient fields?](#)

Related Articles

- [How to generate serialVersionUID in IntelliJ IDEA](#)
- [Java Decompiler Plugin For Eclipse IDE](#)
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