

Effective Java

Item 3

haocheng

本著作係依據創用 CC Attribution-ShareAlike 3.0 Unported 授權條款進行授權。如欲瀏覽本授權條款之副本，請造訪 <http://creativecommons.org/licenses/by-sa/3.0/>，或寄信至 Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA。

Singleton

Before
Java 5

```
1 // singleton with public final field
2 public class Elvis {
3     public static final Elvis INSTANCE = new Elvis();
4     private Elvis() {...}
5 }
```

```
1 // singleton with static factory
2 public class Elvis {
3     private static final Elvis INSTANCE = new Elvis();
4     private Elvis(){...}
5     public static Elvis getInstance() {return INSTANCE;}
6 }
```

Since
Java 5

```
1 // Enum singleton - the preferred approach
2 public enum Elvis {
3     INSTANCE;
4
5 }
```

Safe Serialization

Prevent Reflection Attacks

Thank You!