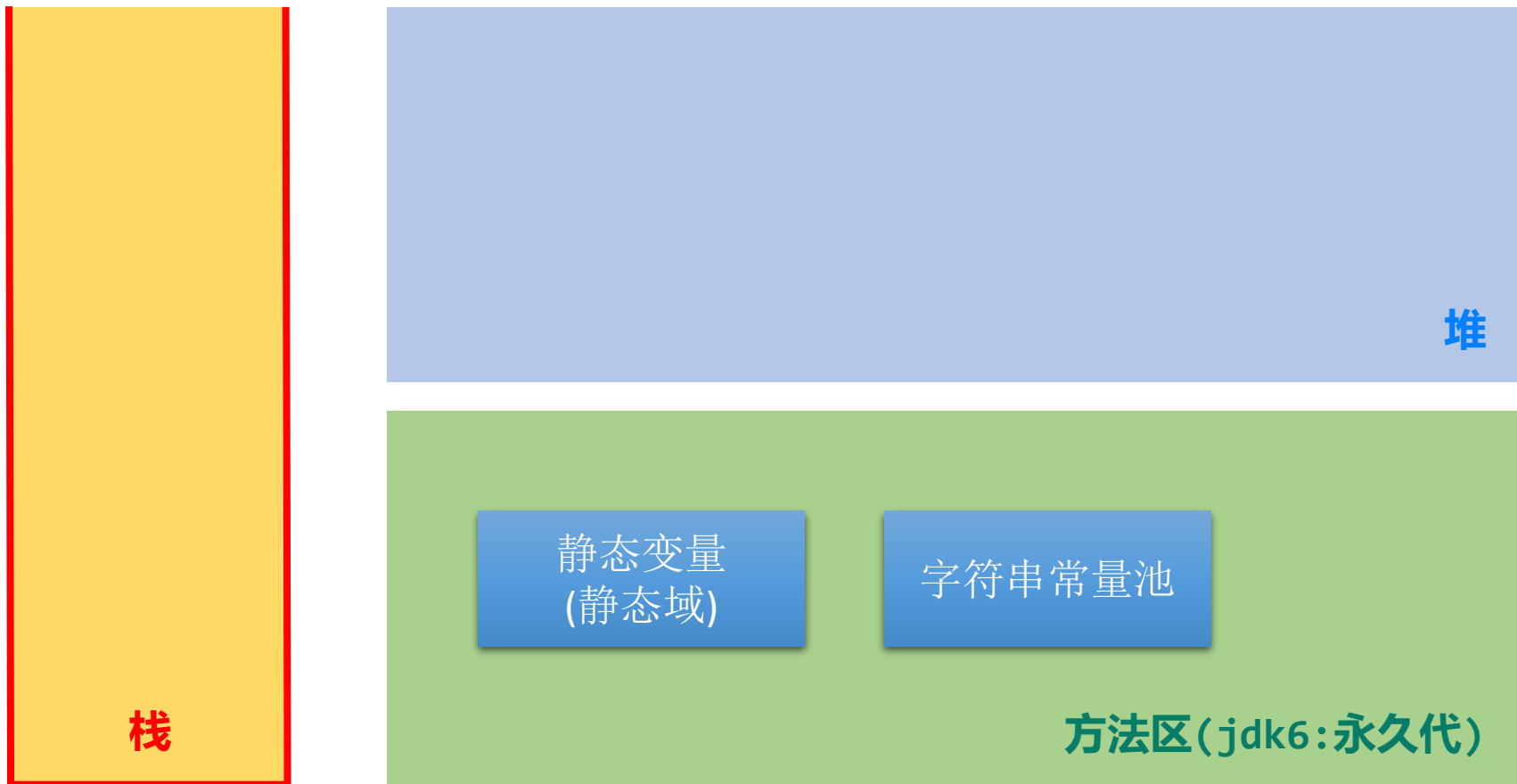
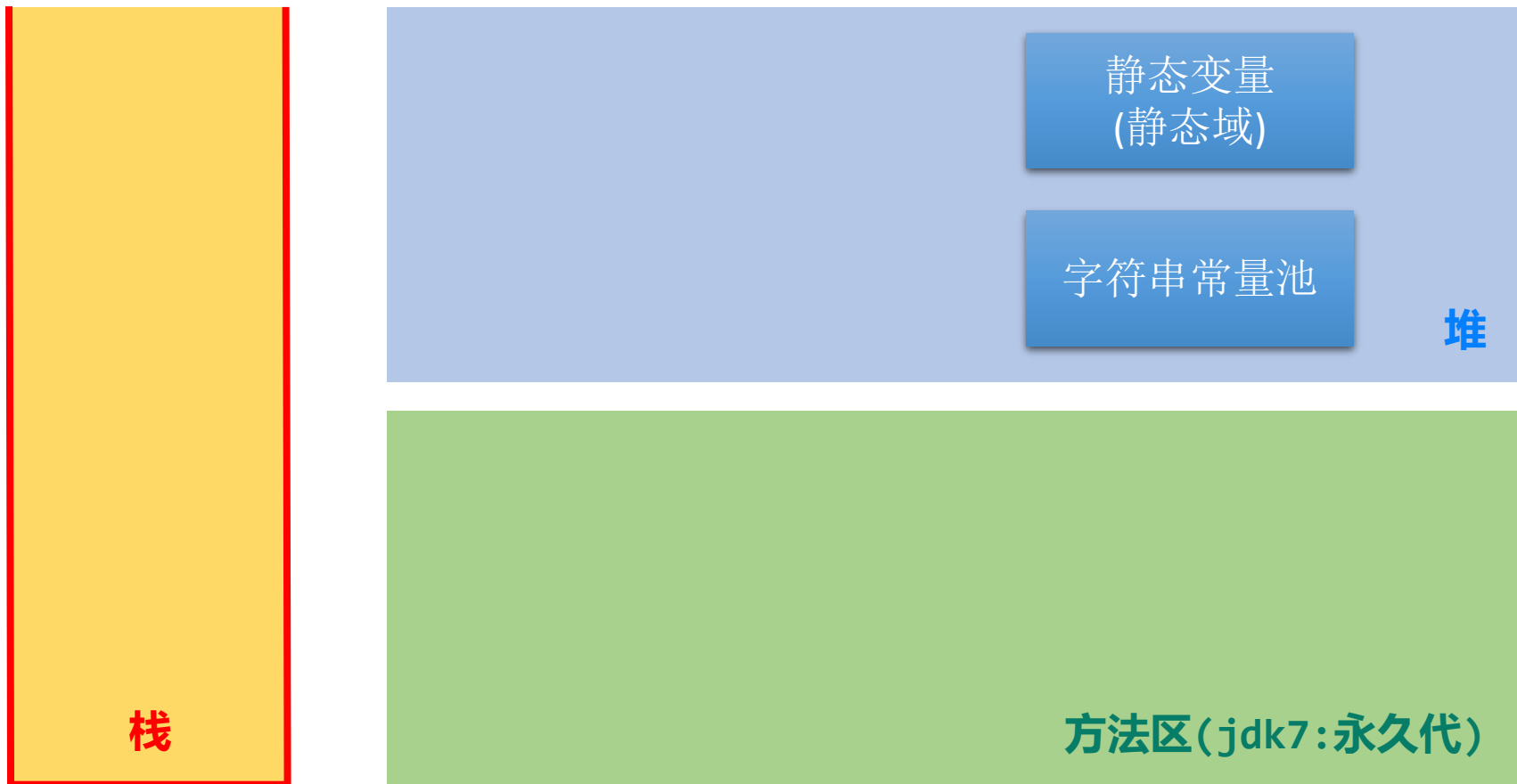


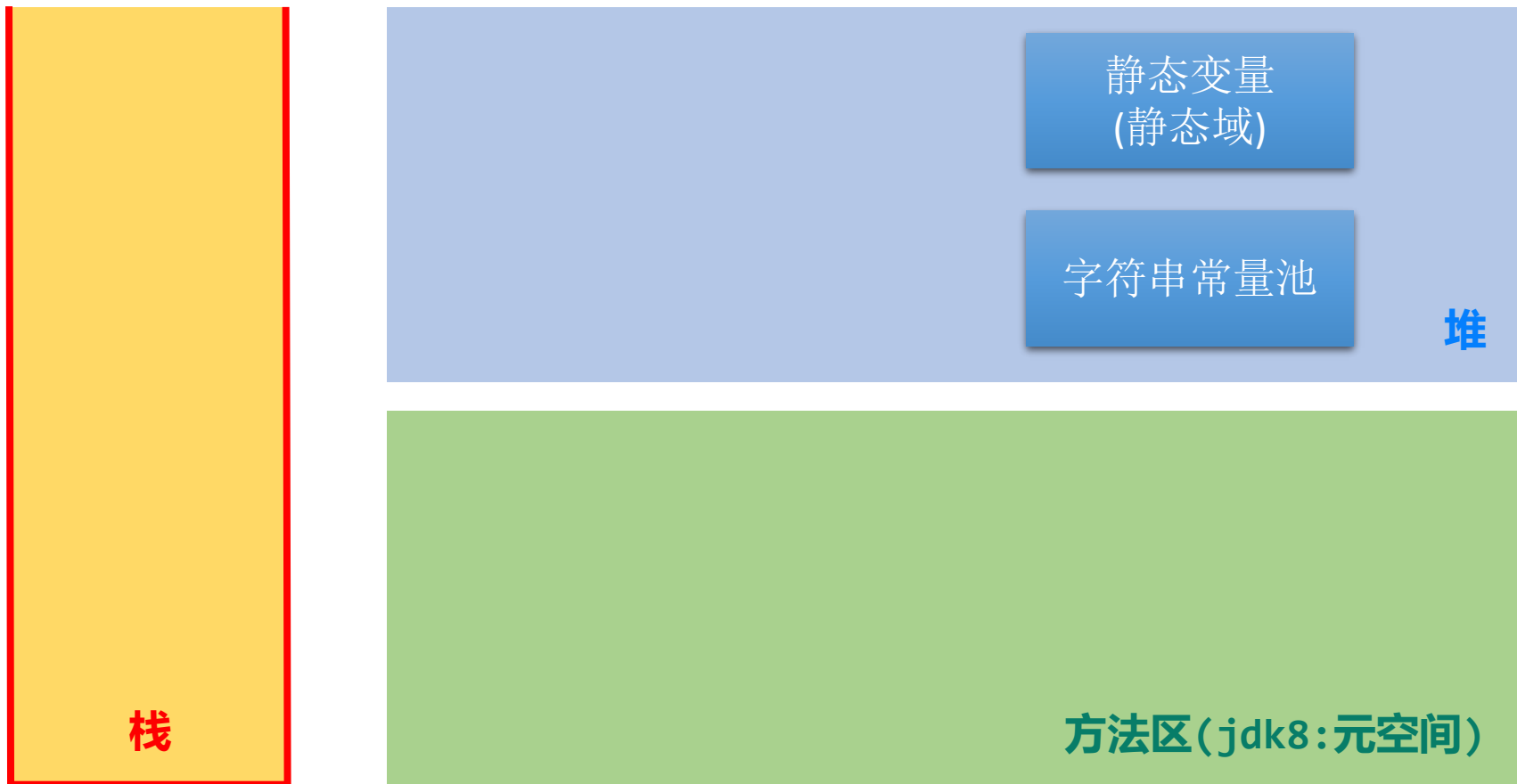
# String、静态变量的存储位置演进(jdk6)



# String、静态变量的存储位置演进(jdk7)



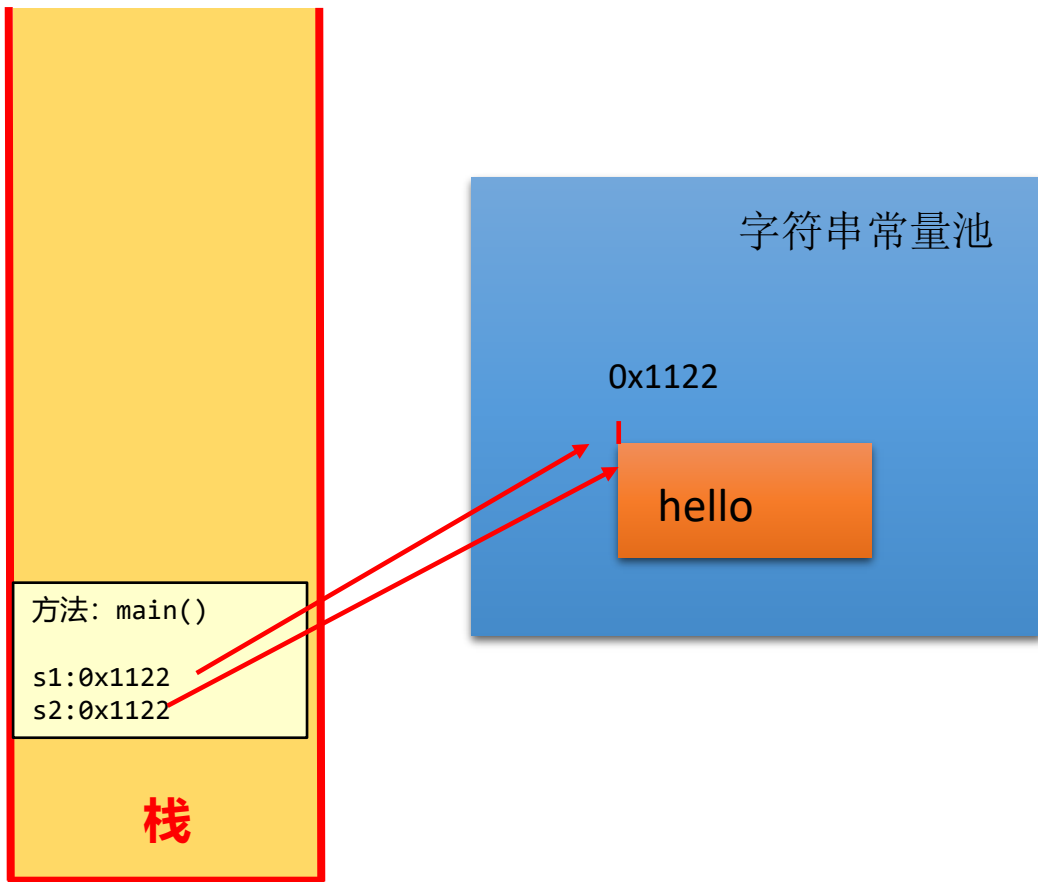
# String、静态变量的存储位置演进(jdk8及之后)



# String的内存结构

## 举例

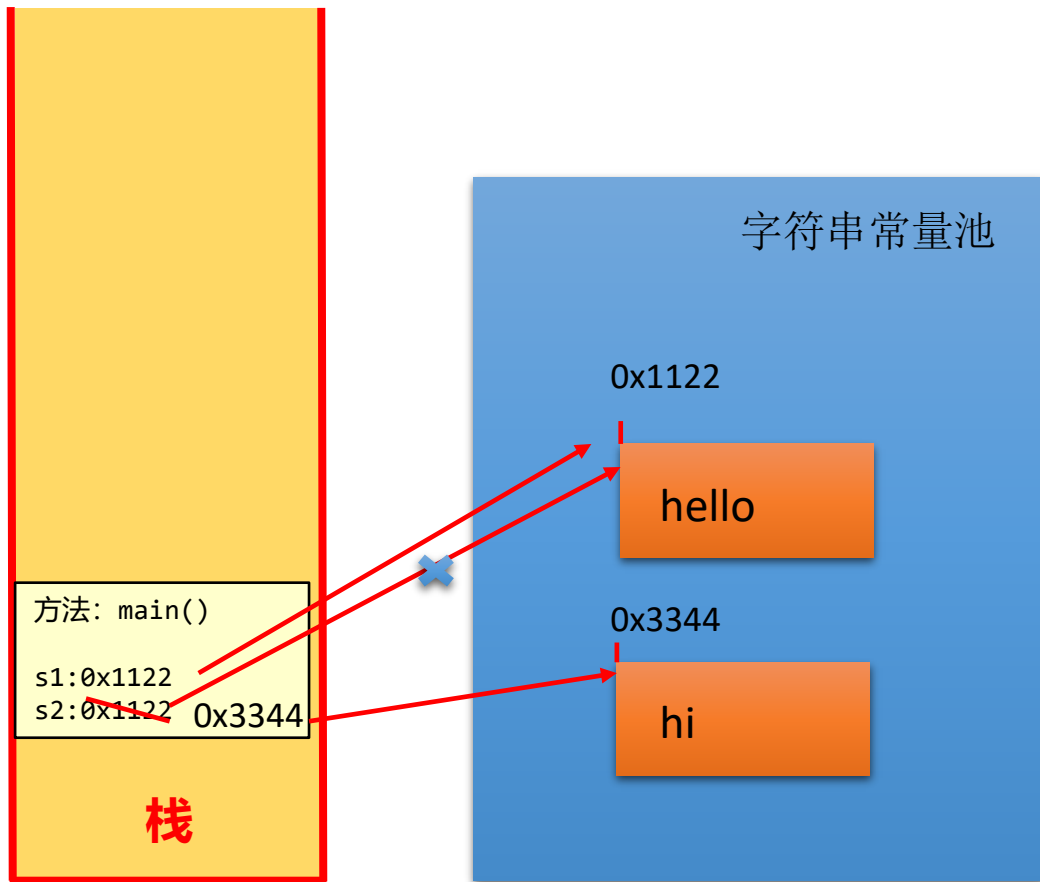
```
public static void main(String[] args) {  
    String s1 = "hello";  
    String s2 = "hello";  
}
```



# String的不可变性举例1

## 举例

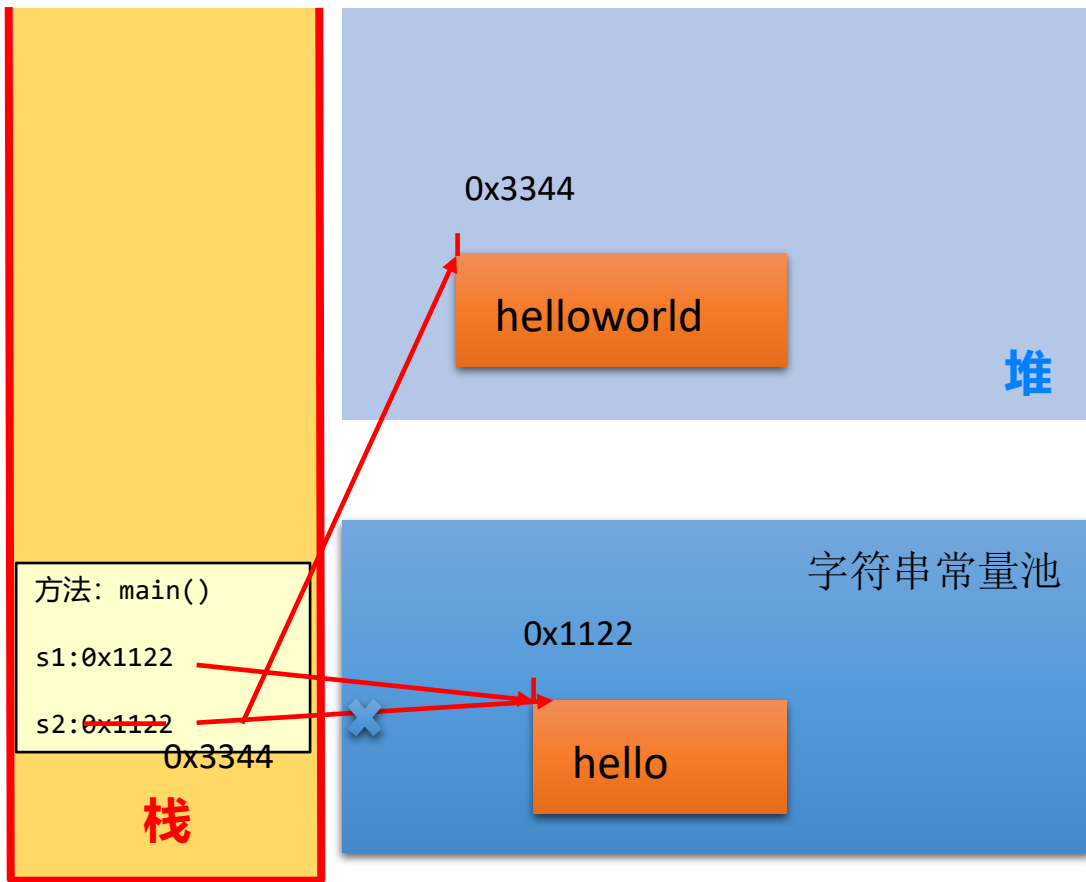
```
public static void main(String[] args) {  
    String s1 = "hello";  
    String s2 = "hello";  
    s2 = "hi";  
}
```



# String的不可变性举例2

## 举例

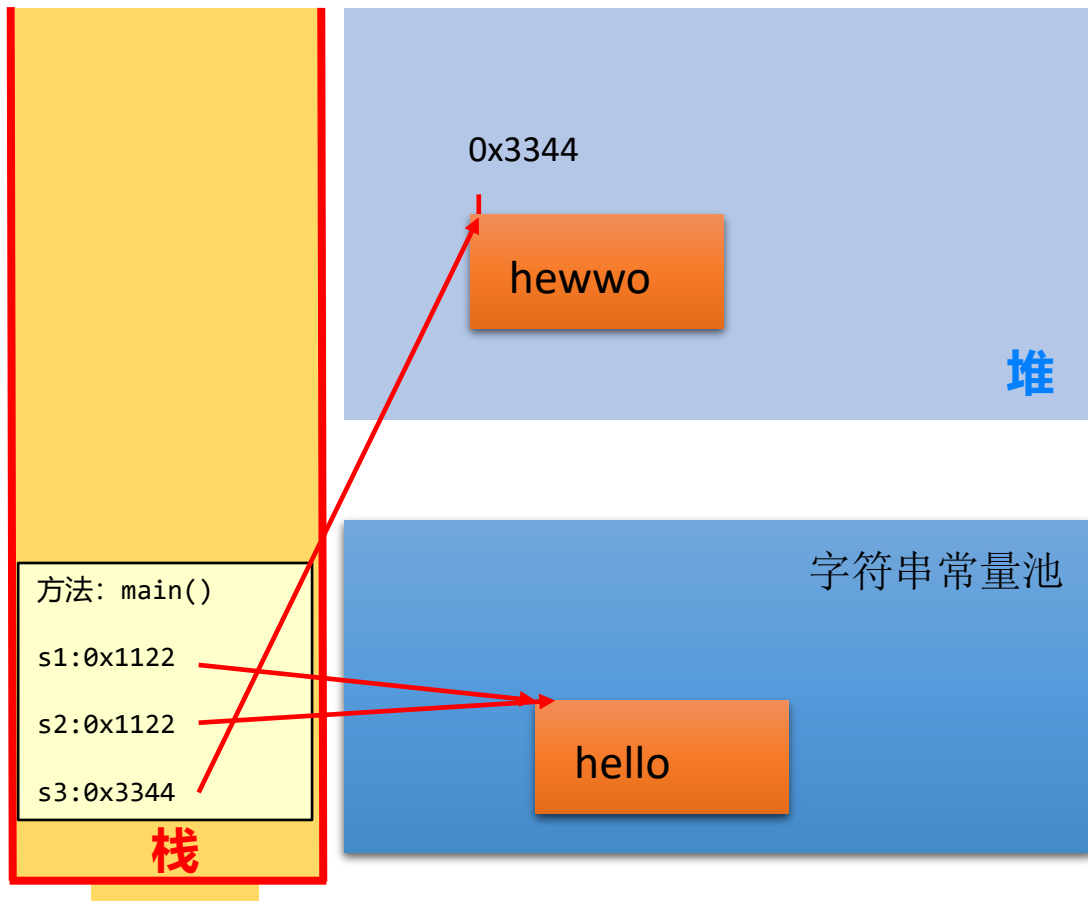
```
public static void main(String[] args) {  
    String s1 = "hello";  
    String s2 = "hello";  
    s2 += "atguigu";  
}
```



# String的不可变性举例3

## 举例

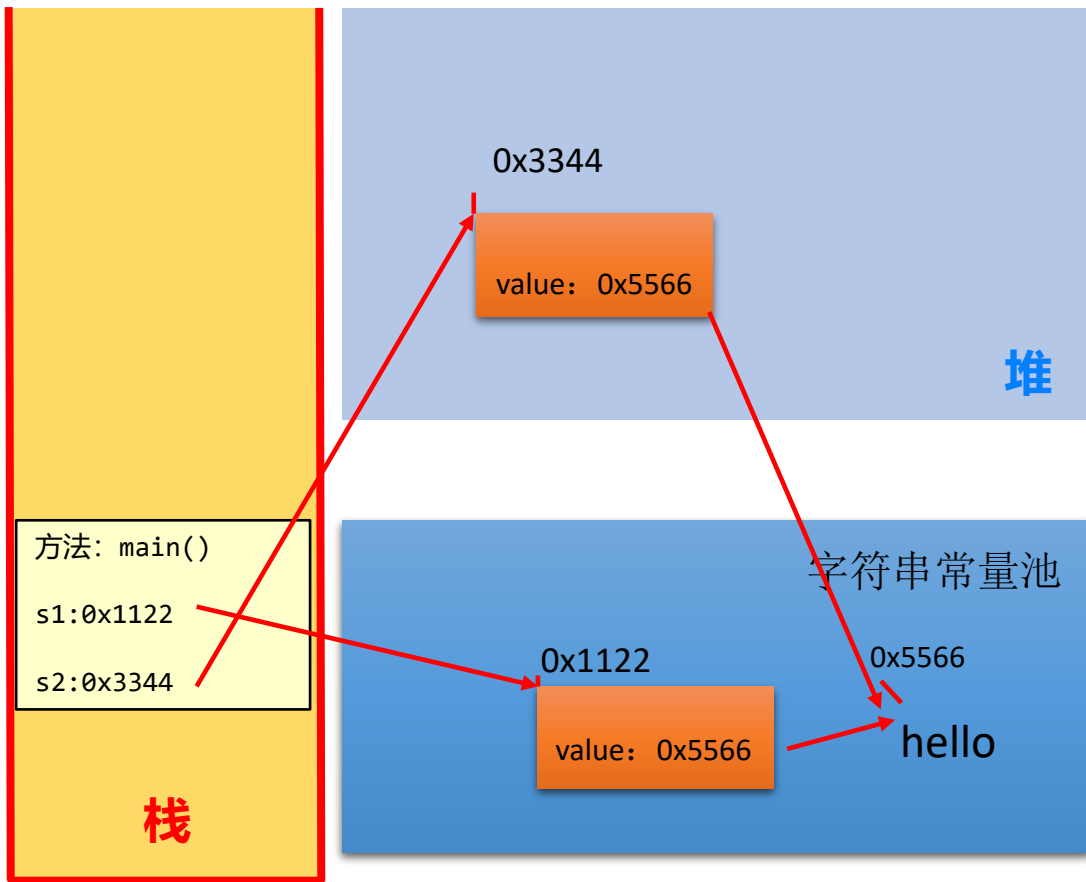
```
public static void main(String[] args) {  
    String s1 = "hello";  
    String s2 = "hello";  
    String s3 = s2.replace('l', 'w');  
}
```



# new的方式创建String

## 举例

```
public static void main(String[] args) {  
    String s1 = "hello";  
  
    String s2 = new String("hello");  
}
```





# String内存分析

## 举例

```
public static void main(String[] args) {  
    Person p1 = new Person();  
    Person p2 = new Person();  
    p1.name = "Tom";  
    p2.name = "Tom";  
  
    p1.name = "Jerry";  
}
```

