

Bsp. 1

Anwendung wird so gestartet:

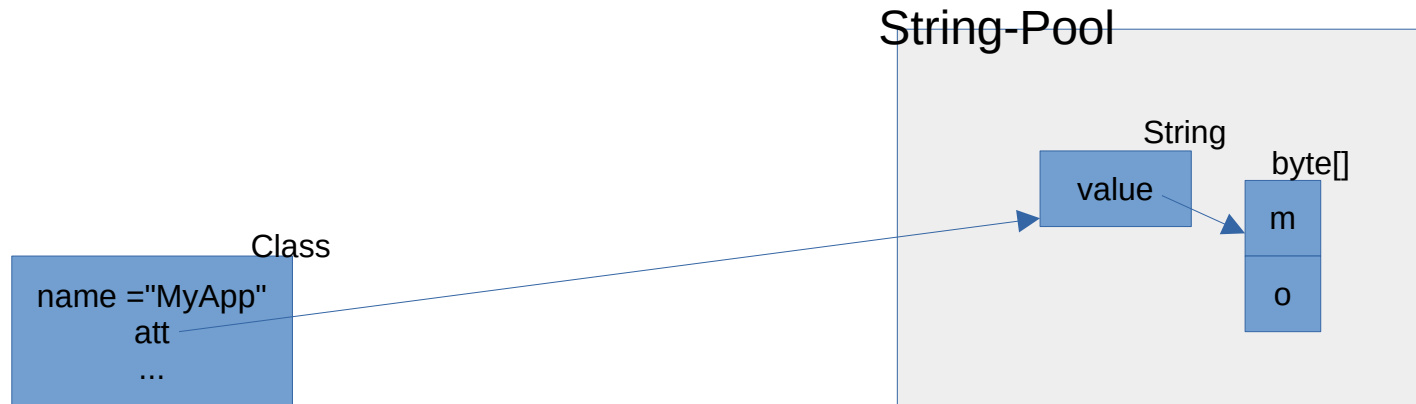
```
java MyApp
```

Die JVM lädt die Klasse MyApp.

Die JVM erweitert dabei den String-Pool mit den Strings, die aus Literalen der Klasse entstehen.

Das Class-Objekt der Klasse MyApp wird auch erzeugt.

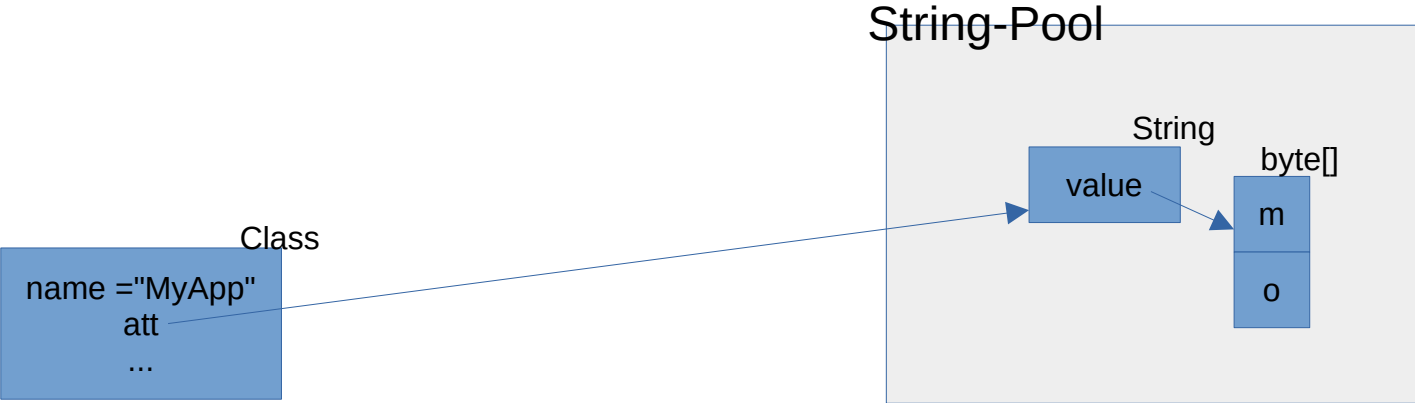
```
class MyApp {  
    ...main... {  
  
        m();  
    }  
  
    static String m() {  
        String s = "mo";  
        String s2 = s;  
        String s3 = "mo";  
        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```



Jetzt kann die JVM die main-Methode starten

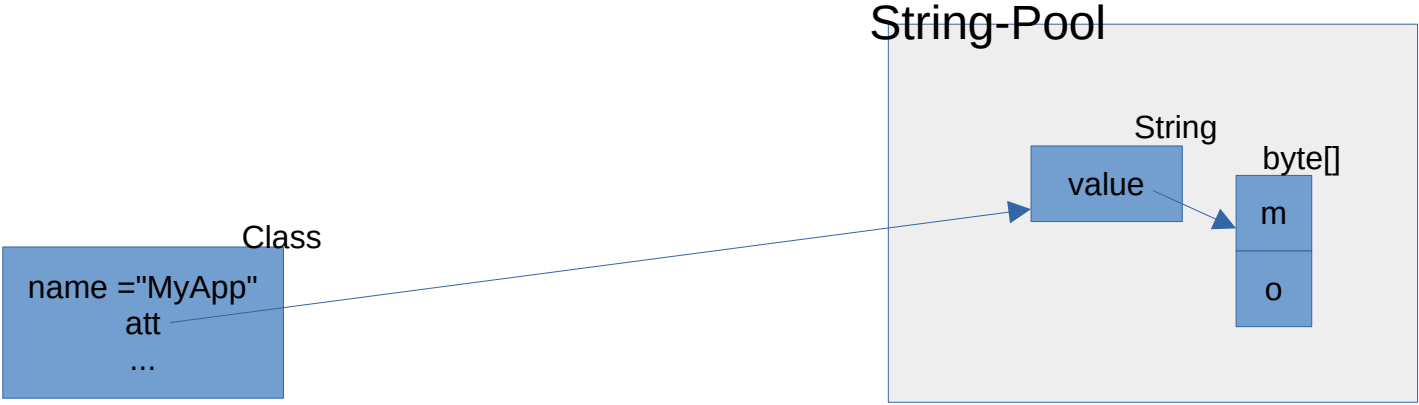
STACK

```
class MyApp {  
    ...main... {  
  
        m();  
    }  
  
    static String m() {  
        String s = "mo";  
        String s2 = s;  
        String s3 = "mo";  
        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```



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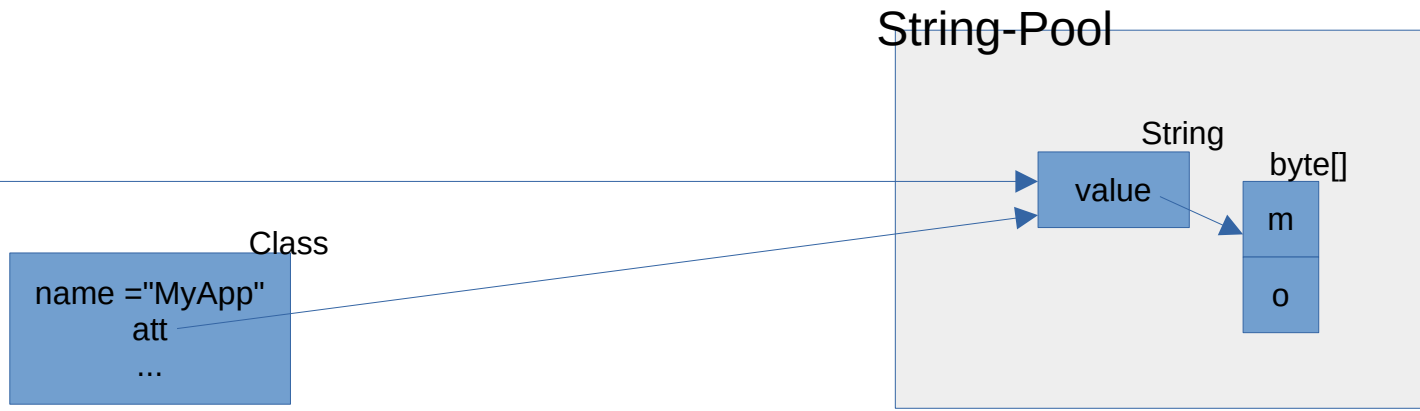
```
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  ...main... {  
  
    m();  
  }  
  
  static String m() {  
    String s = "mo";  
    String s2 = s;  
    String s3 = "mo";  
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    return s.toString();  
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STACK

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        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```

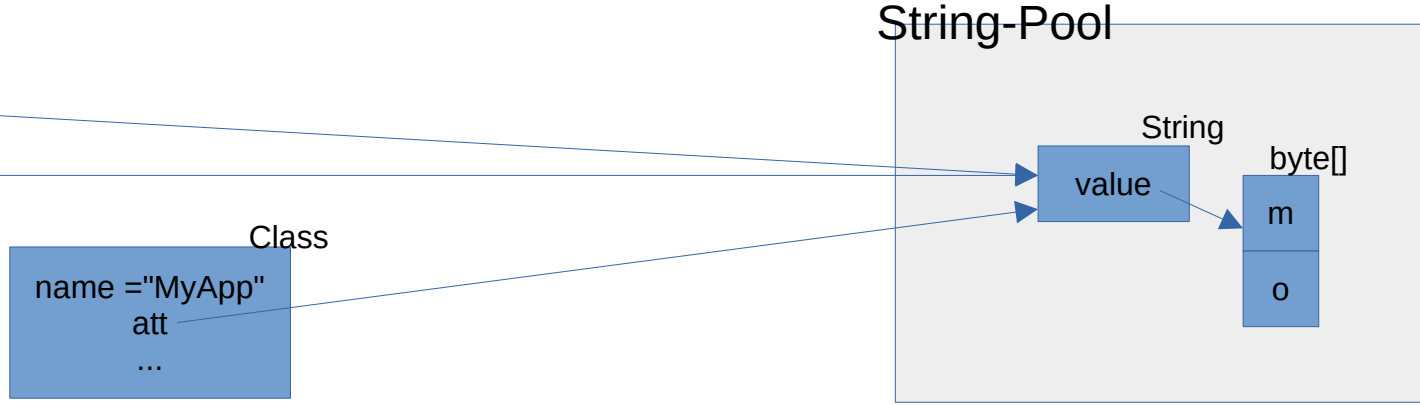
S



STACK

```
class MyApp {  
    ...main... {  
  
        m();  
    }  
  
    static String m() {  
        String s = "mo";  
        String s2 = s;  
        String s3 = "mo";  
        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```

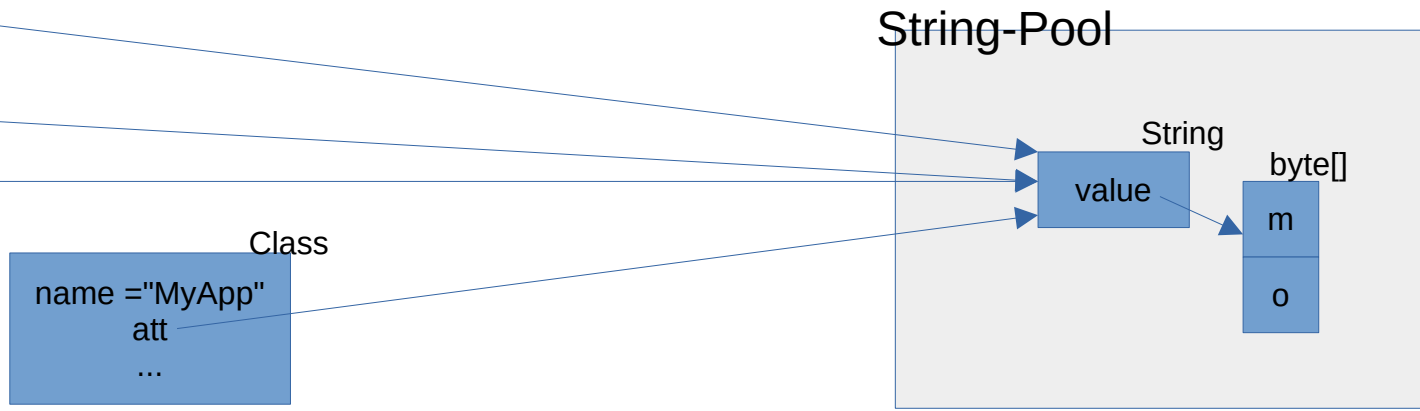
s2  
s



STACK

```
class MyApp {  
  ...main... {  
  
    m();  
  }  
  
  static String m() {  
    String s = "mo";  
    String s2 = s;  
    String s3 = "mo";  
    String s4 = att;  
    return s.toString();  
  }  
  
  static String att = "mo";  
}
```

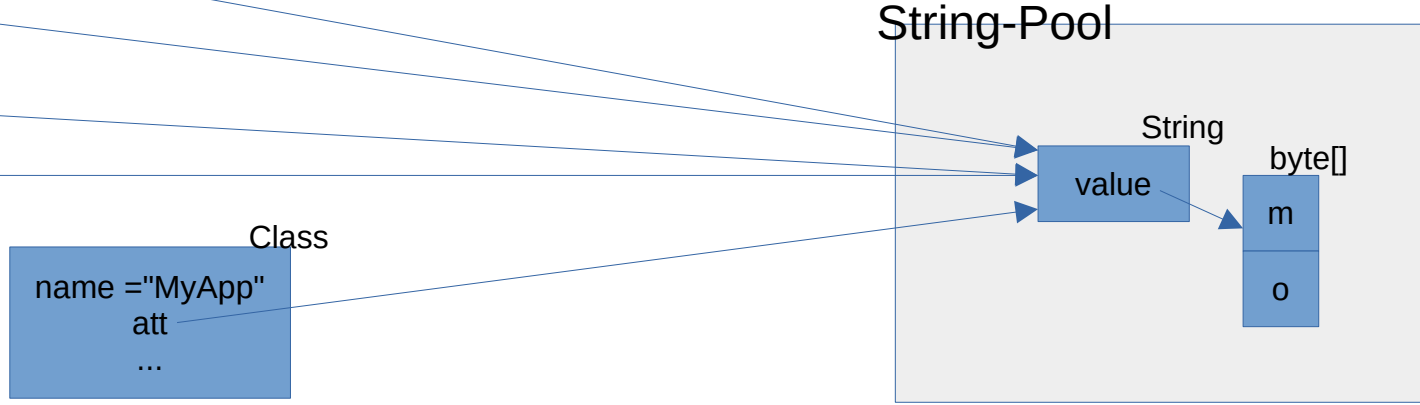
s3  
s2  
s



STACK

```
class MyApp {  
    ...main... {  
  
        m();  
    }  
  
    static String m() {  
        String s = "mo";  
        String s2 = s;  
        String s3 = "mo";  
        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```

s4  
s3  
s2  
s





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toString in der Klasse String ist  
so realisiert:

```
public String toString() {  
    return this;  
}
```

```
class MyApp {  
    ...main... {  
  
        m();  
    }  
  
    static String m() {  
        String s = "mo";  
        String s2 = s;  
        String s3 = "mo";  
        String s4 = att;  
        return s.toString();  
    }  
  
    static String att = "mo";  
}
```

s4  
s3  
s2  
s

