

# EnumSet + contains: strange behavior

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Dear all,

The following example of EnumTest seems to be inconsistent with the interface definition of contains: It executes the lines marked with XXX, which clearly is an error. Does anyone have an explanation?

Thank you,

Ulrich

```
import java.util.*;

public class EnumSetTest
{

    public enum EnumTest
    {
        ONE,
        TWO,
    }

    public final void testEnumSet()
    {
        final EnumSet<EnumTest> result = EnumSet.noneOf(EnumTest.class);

        if(result.isEmpty())
        {
            System.out.println("empty"); // enters this branch: correct
        }
        else
        {
            System.out.println("not empty");
        }

        if(result.contains(EnumTest.ONE));
        {
            System.out.println("error"); // XXX
        }
    }
}
```

## EnumSet + contains: strange behavior

```
if(result.contains(EnumTest.TWO));  
{  
System.out.println("error");// XXX  
}  
}  
}
```

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