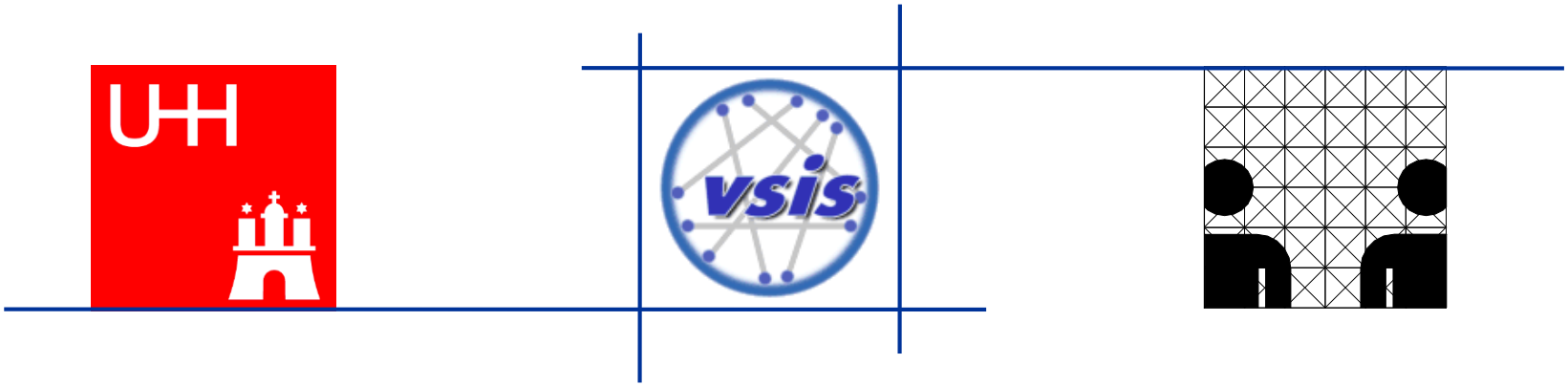


Databases and Information Systems – Exercise Courses

Annotations on Debugging

Annotations on Debugging

Simple System.out.println()

- Inserting print statements:

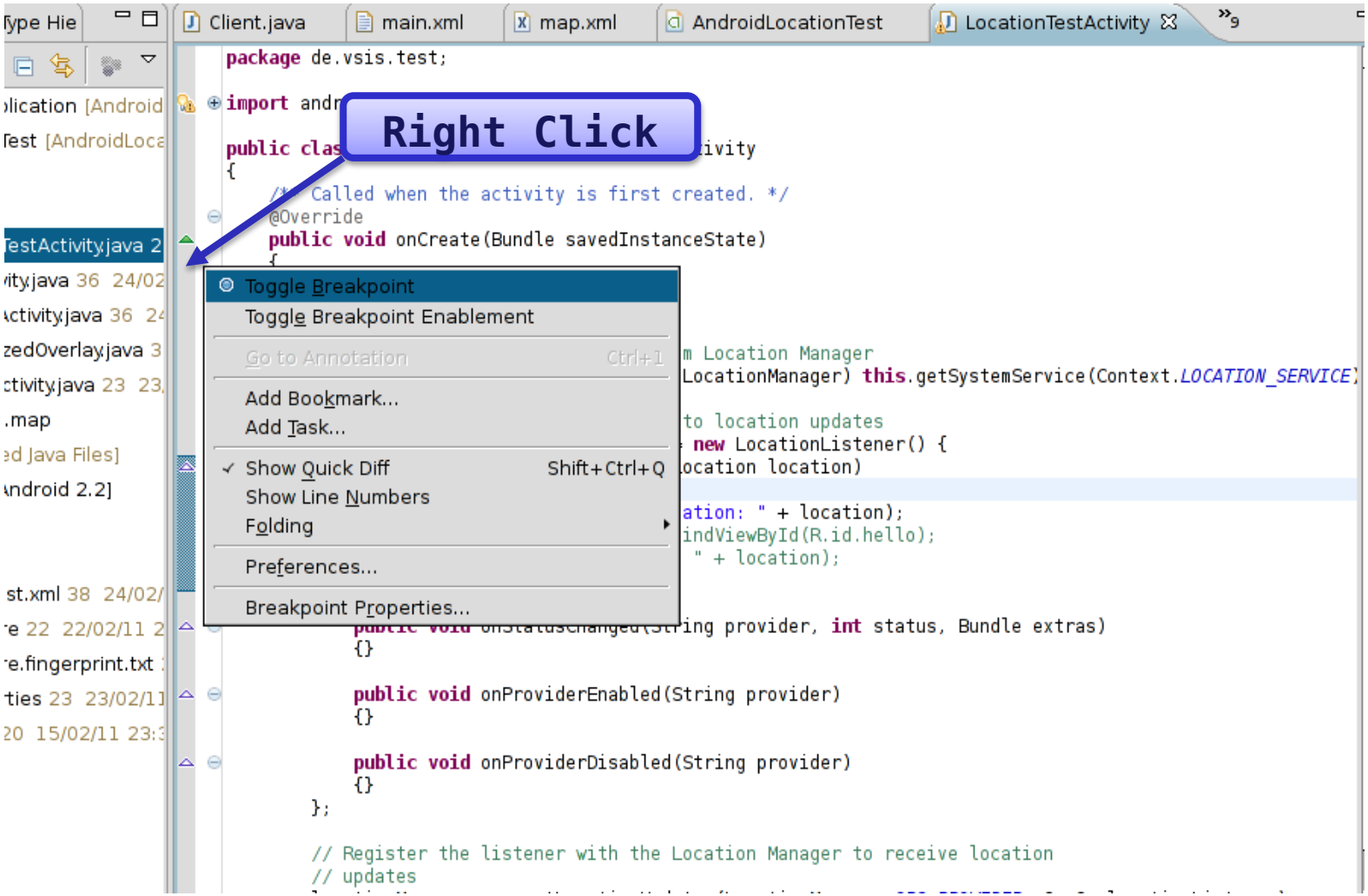
```
int foo = getFancySensorValue();
System.out.println(„Sensor value is: "+foo);
```

- Time-consuming

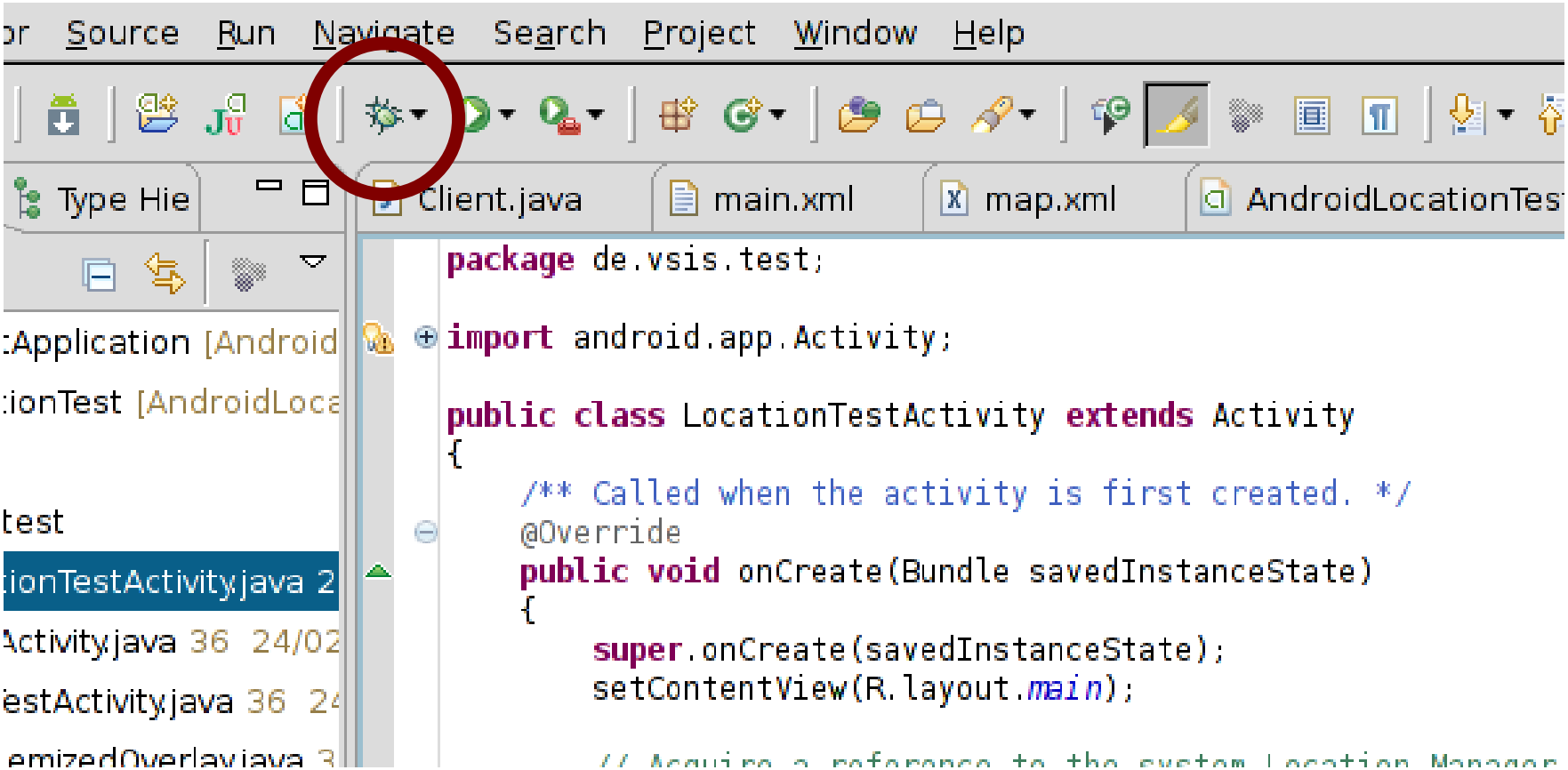
The Eclipse Debugger

- Code remains unchanged
- Variable inspection
- Breakpoints

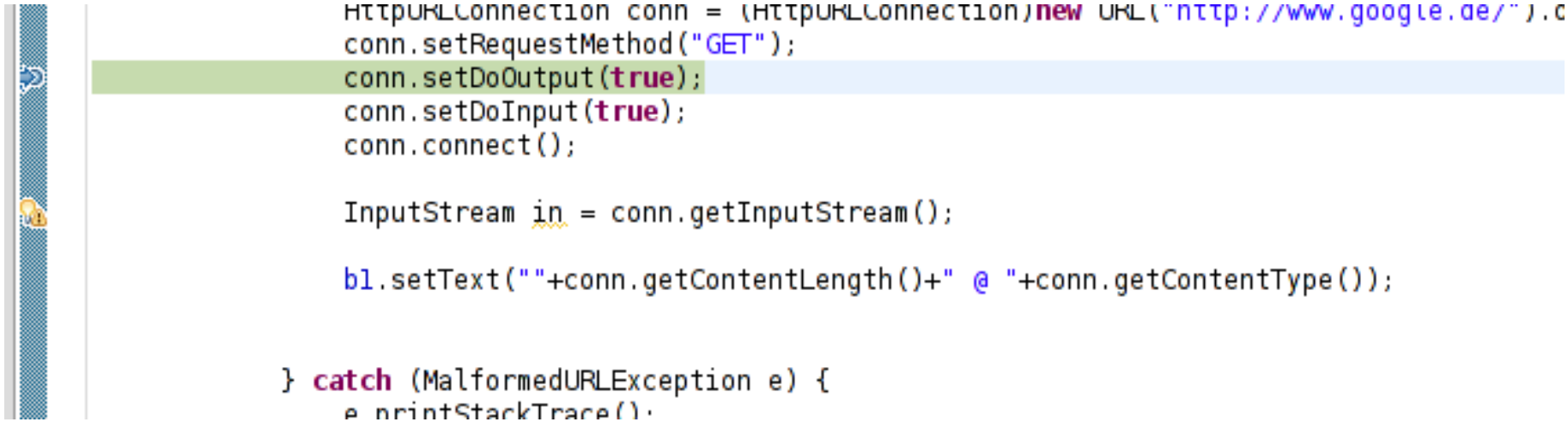
Setting Breakpoints



Starting the Debugger

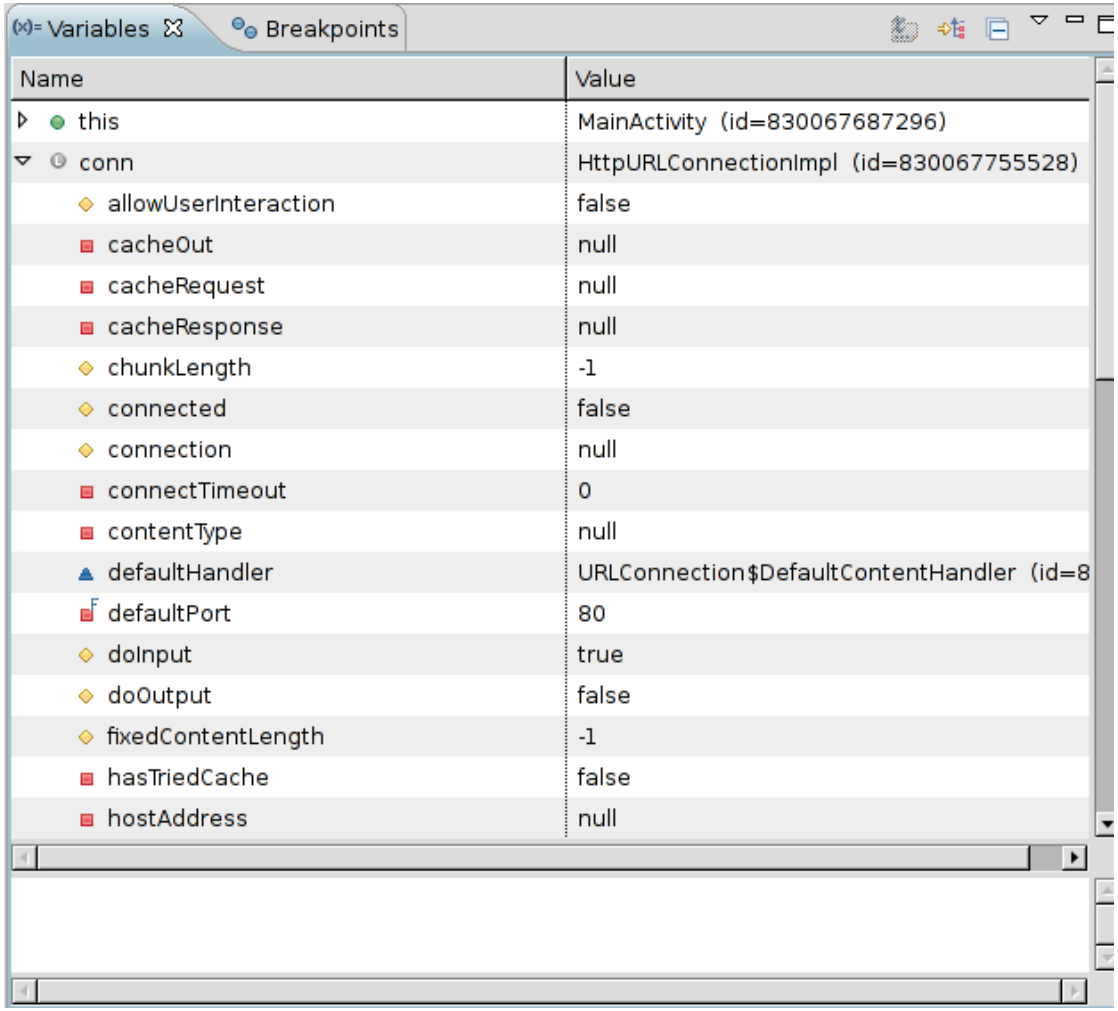


Running the Debugger



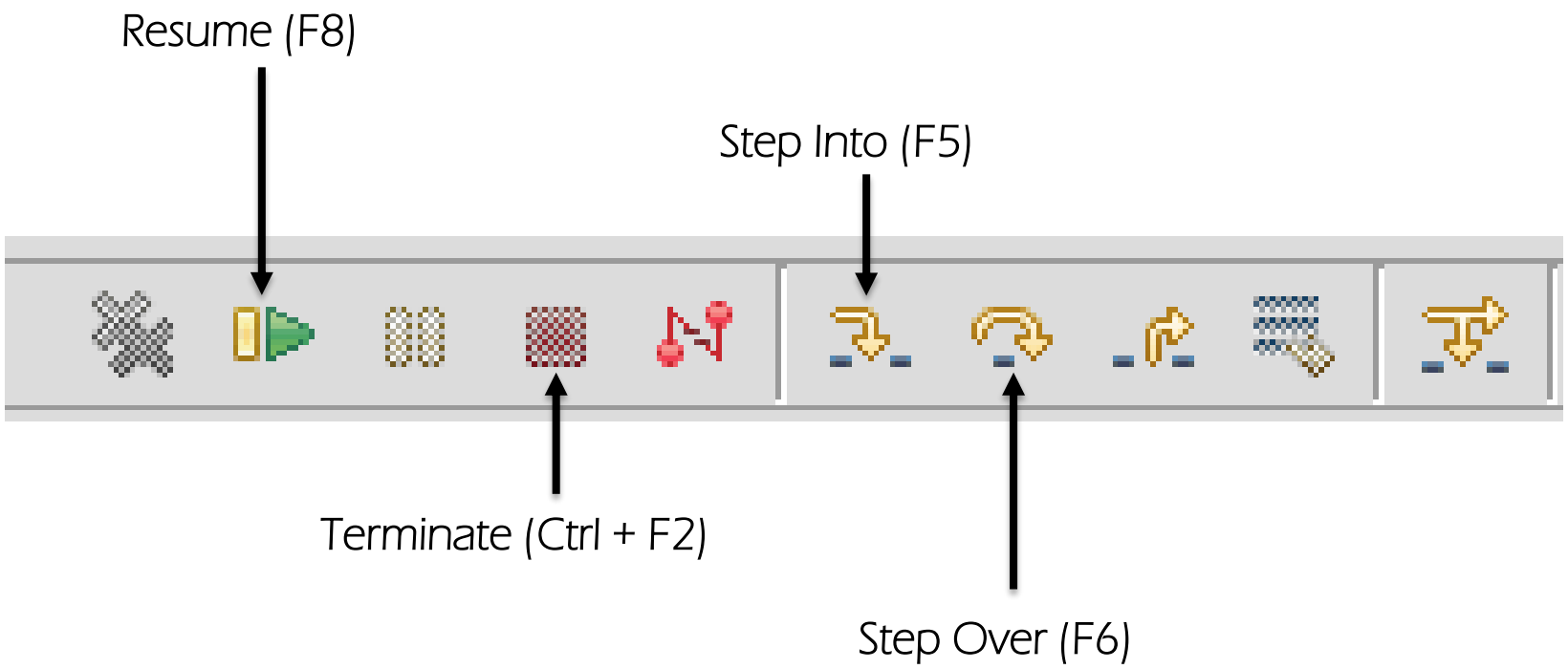
The debugger pauses the application at the breakpoint

Variable Inspection



Variables can be inspected and further breakpoints can be set.

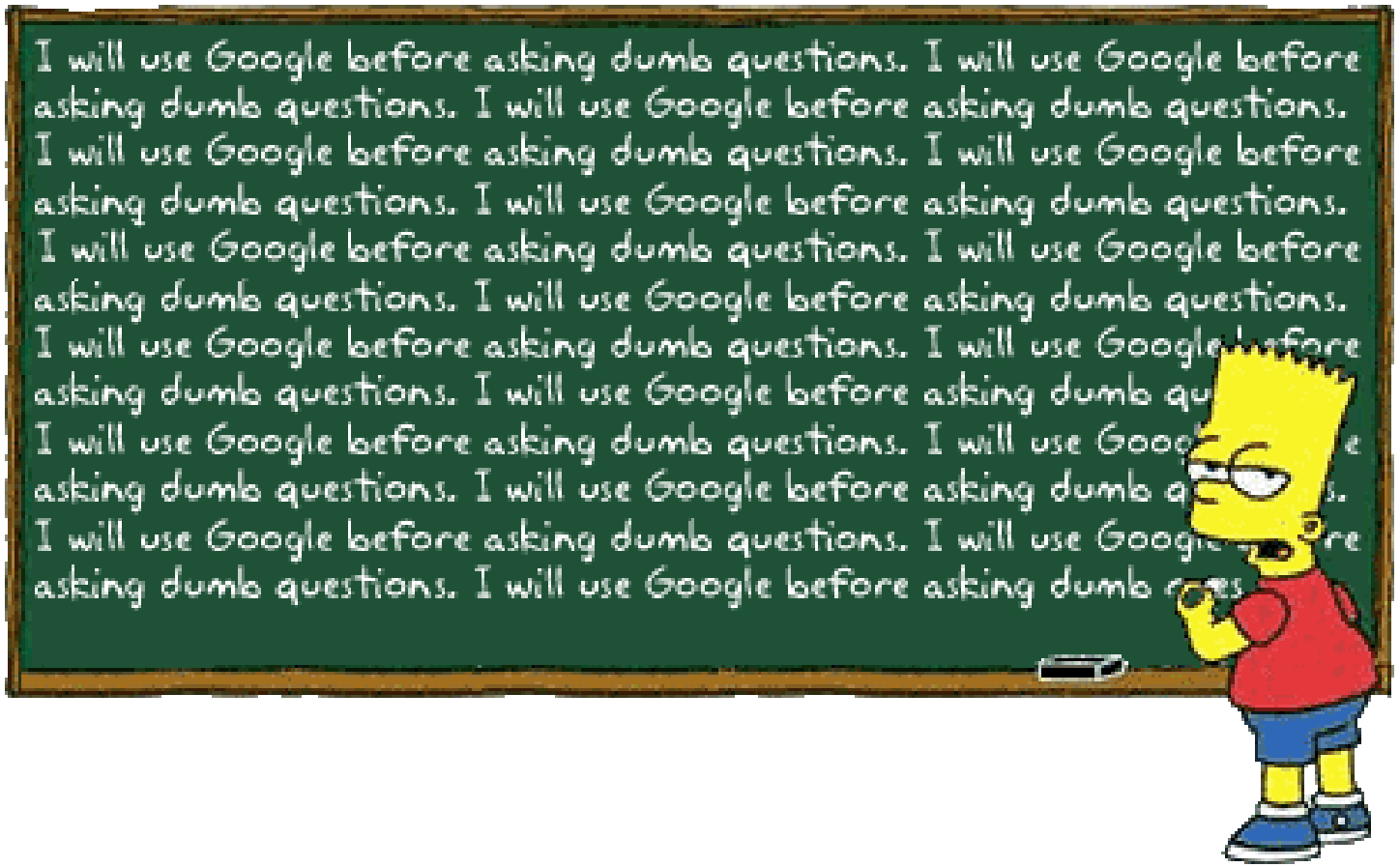
Stepping



Summary

- Very comfortable tool
- Provides good insights into run-time behaviour
- When a problem occurs:
  1. Debugging might reveal the cause or
  2. at least narrows down possible causes

Debugging is cool, no matter what the others say!


I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions.
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