

Compiled byte code
<class file>

```
graph LR; A[Compiled byte code <class file>] --> B[Taint Analysis module]; B --> C[Patching module];
```

The diagram is a horizontal flowchart with three rectangular boxes connected by arrows. The first box on the left contains the text 'Compiled byte code' followed by '<class file>' on the next line. A thick black arrow points from the right side of this box to the left side of the second box. The second box in the middle contains the text 'Taint Analysis module'. Another thick black arrow points from the right side of the second box to the left side of the third box. The third box on the right contains the text 'Patching module'.

Taint Analysis module

Patching module

From the control flow graph,
it looks for tainted and non-
tainted sink and tags
statement if they are safe to
patch or not

Analyze the statements and
instrument patching code in
the bytecode