

Compiled byte code
<class file>

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

The diagram illustrates a two-step process for taint analysis. It begins with a box labeled 'Compiled byte code <class file>'. An arrow points from this box to a second box labeled 'Taint Analysis module'. Below this second box is a descriptive text block. Another arrow points from the second box to a third box, also labeled 'Taint Analysis module'. Below this third box is another descriptive text block.

Taint Analysis 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

Taint Analysis module

Analyze the statements and
instrument patching code in
the bytecode