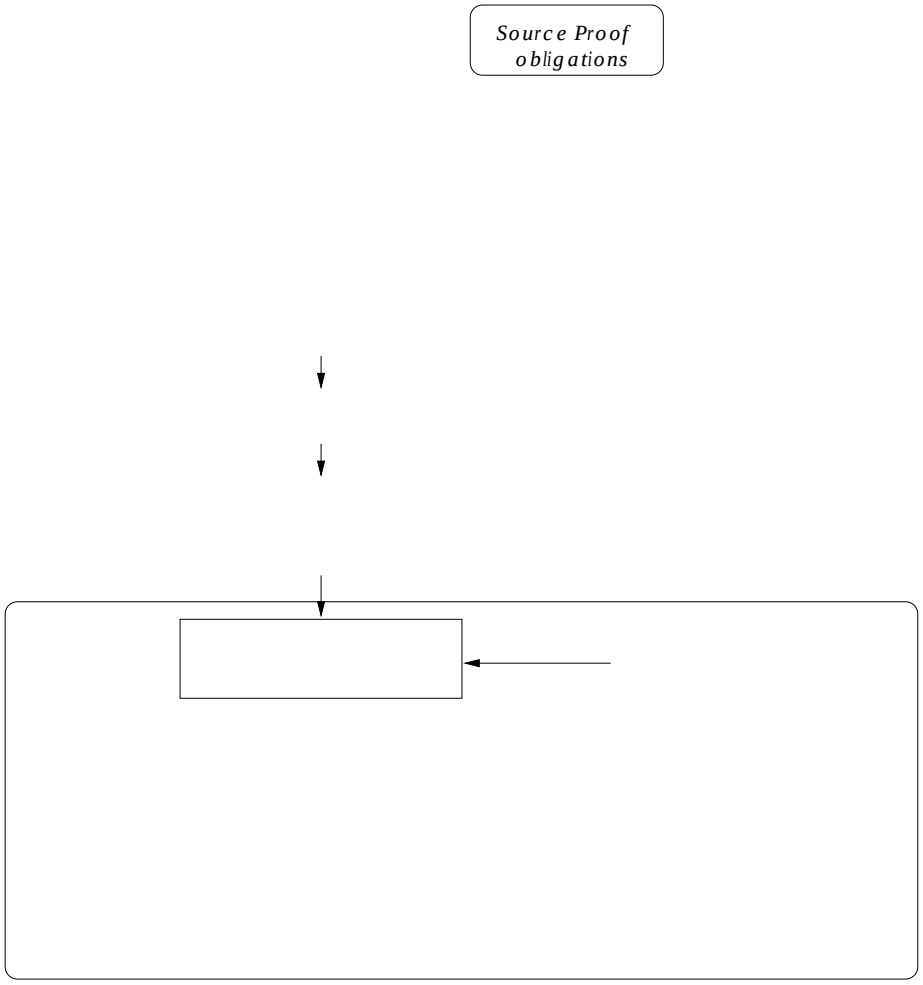
untrusted code is accompanied by a proof for its safety w.r.t. to some safety property and the code receiver has just to generate the (prop)j 19.78989 0Td (the)Tj5.013.5956d (y)Tj -p1.8685


Source Proof
obligations

we introduce the BCSL language, the JML compiler and the bytecode weakest precondition calculus which underlines the bytecode veri cation condition generator.

We now review works which treat very similar problematic.

The JVer tool [8] is a similar tool for verifying that downloaded Java bytecode programs do not abuse client computational

```
public class ListArray {
  Object[]
```

de ned attributes in the class le. For example, the speci cation of all the loops in a method are compiled to a unique method attribute: whose syntax is given in aFig4.

5.1

wp(invoke m

The purpose

Hypothesis on bytecode:	Hypothesis on source level:
lv[2]_at_ins_20 len(#19(lv[0]))	i_at_ins_26 len(ListArray:list(this))