

SAWScript Execution

```
extern SBV
field_add("ref_field_add.sbv")
  : ([384],[384]) -> [384];

method ECC.field_add {
  ...specification
  verifyUsing: abc;
}

...more declarations
method ECC.ec_double {
```

## Sources

Cryptol

Java

SBV Files

JVM  
Class Files

SAWScript inputs

If all  
succeed

if failed

- Counterexample (when using abc)
- Proof obligations (when using rewriter)

Verification  
Success!!