

Towards extendable language

```
class ForLoop extends Stmt {
  pattern {
    "for" "(" init:Stmt ";" cond:Stmt ";"
    inc:Stmt ")" body:Block
  }
  method run() {
    init.get()
    while(cond.get()) {
      body.run();
      inc.get();
    }
  }
}
```

- PEG grammar [Ford 2004]
- Executable parsers [Leijen 2001]
- The Art of the Interpreter [Steele 1978]
- Interpreter pattern [GOF 1995]

<http://www.iam.unibe.ch/~akuhn/blog/2008/04/21/>