

# Semantic Analysis

## 4.9 Explorations

- 4.34 As described in Section ©4.5.1, yacc/bison will refuse to accept action routines in the left corner of a production. Is there any way around this problem? Can you imagine implementing an extended version of the tool that would permit action routines in arbitrary locations? What would be the challenges? The cost?
- 4.35 Learn how attribute space is managed in the ANTLR parser generator. How does it compare to the techniques described in Section ©4.5.2?

