

The following is an unambiguous BNF incorporating the rule:
each else matches with the closest preceding unmatched if
Introduce (matched 5) for the statements containing no 1-branch conditional
directly nested with other conditionals.
(S) - (matched S) (unmatched S)
(natched 5) > F "(" (B)")" (matched 5) else (natched 5) other kinds of
(assume 5, and 52 are simple statements, like assignments)
(assume 5, and 52 are simple statements
("A) 0 => = ("B)")"(=> c"("/B)")"(
< \$>
Sunmatched S>
f(3)
B. (matched 5)
5 (3) Cost of S eta (not led S)
A STATE WARRENCE STATE OF THE S
2^{1} 2^{3}
(S) (S) (Inmatched S) (B) (B) (Matched S) (A) (Matched S) (B) (Matched S) (Matched S) (Matched S) (Matched S) (Matched S)
(matched 5) (matched 5) else (matched 5)
1. F ((13)) {matched s / else < matched s /
23
cant generale
$_{1}F(\mathcal{B}_{2})\leq_{1}$
This BNF is NoT used in practice.
· Not so easy to understand
· The parser cannot make the right choice without heavy look-ahead analysis.