

### Magic Decoder Ring for C Declarations

Declarations in C are read boustrophedonically, i.e. alternating right-to-left with left-to right. And who'd have thought there would be a special word to describe that! Start at the first identifier you find when reading from the left. When we match a token in our declaration against the diagram, we erase it from further consideration. At each point we look first at the token to the right, then to the left. When everything has been erased, the job is done.

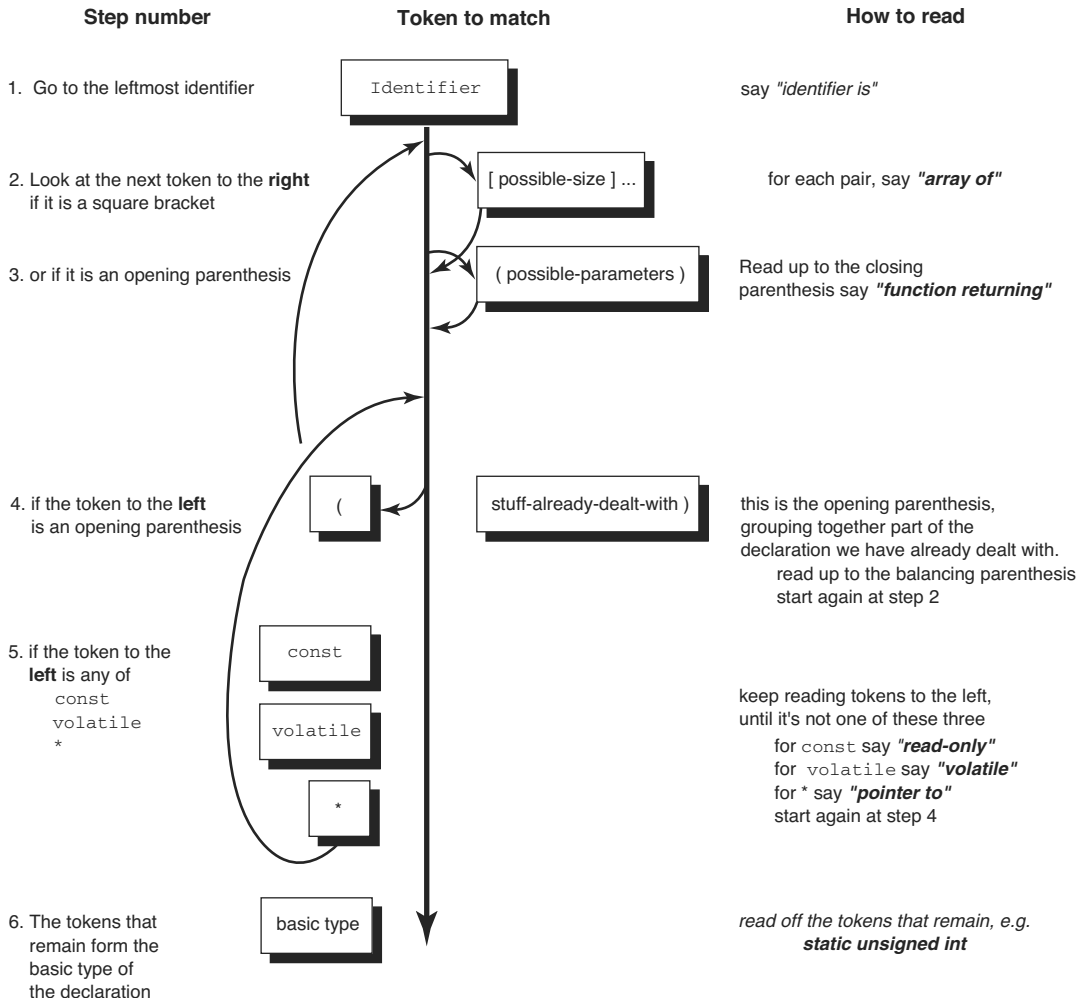


Figure 3-3 How to Parse a C Declaration