```
1. static const char *aoc rate type str(enum
    ast aoc s rate type value) {
      const char *str;
 2.
 3.
      switch (value){
 4.
        default:
 5.
          case AST AOC RATE TYPE DURATION:
            str = "Duration":
 6.
 7.
            break;
 8.
            //...
 9.
      }
10.
      return str;
11. }
12.
13.
    static void aoc s event(const struct
    ast aoc decoded *decoded, struct ast str **msq){
14.
      const char *rate str;
15.
      char prefix[32];
16.
      int i;
17.
      ast str append(msg, 0, "N:%d", decoded->aoc s count);
18.
      for (i = 0; i < decoded->aoc s count; ++i){
        snprintf(prefix, sizeof(prefix), "R(%d)", i);
19.
        rate str = aoc rate type str(
20.
                  decoded->aoc s entries[i].rate type);
21.
        switch (decoded->aoc s entries[i].rate type){
22.
          case AST AOC RATE TYPE DURATION:
            strcat(prefix, "/"):
23.
24.
            strcat(prefix, rate str); // *Buffer Overflow
25.
            //...
26.
            break;
27.
            //...
28.
         default:
29.
            break;
30.
31.
      }
32.
```