

```
1 #include "gentac.h"
2
3 #ifndef GENMC
4 #define GENMC
5
6
7 enum{
8     PRINT_INT = 1,
9     PRINT_CHAR = 11,
10    SBRK = 9,
11    EXIT = 10
12 };
13
14 typedef struct mc {
15     char* insn;
16     struct mc* next;
17 } MC;
18
19 typedef struct var {
20     TOKEN* name;
21     TOKEN* reg;
22     struct var* next;
23 }VAR;
24
25 typedef struct sr {
26     int srcnt;
27 }SR;
28
29 typedef struct ar {
30 int size;
31 int arity;
32 unsigned int pc; // save caller 's PC
33 unsigned int sl; // this function 's static link
34 //unsigned int param[MAXARGS]; // param0 , ... paramm ,
35 unsigned int local[MAXREGS]; // local0 , ... localn ,
36 //unsigned int tmp[k];
37 } AR;
38
39 MC* gen_mc(TAC*);
40 MC* gen_mc0(TAC*, FRME*, AR*);
41 TOKEN * new_dst(FRME *);
42 #endif
```