

```
Type tp = (Type)malloc(sizeof(struct Type))
   Type Entry tp en= (Type Entry)malloc(sizeof(struct Type Entry))
   NameNode* n = NULL
                                                                                                                                          返回type
   tp en.tvpe = tp
                                                                                                      Specifier
   if(OptTag = NULL) name取计数器中的数字
   else 查表, 重名(field=cur field): 错误16 name取计数器中的数字
   填 tp en->name
                                                                                                                                                      return type
   //tp->u.structure = (FieldList)malloc(sizeof(struct FieldList))
   func DefList(&tp->u.structure, OptTag->siblings,p)
                                                                              Struct
                                                                                                                                 Type
   tp en->field = cur field
                                                                            Specifter
                                                                                                 分支
   插入到type table
                                                                                             return type
                                                                                                                          if(DefList != NULL){
   销毁p
                                                                                                                                   FieldList* tail = func Def(para1, para2->sons, p)
  return tp
                                                                                                                                   func DefList(tail, para2->sons->siblings,p)
                                                     查表重名── OptTag ── DefList
                                                                                                        一查表→ 错误17
                                                                                                                                   *para1 = NULL
                                                                                                                            查表, field = cur field未定义: 错误17 type = NULL
                                                                                                                            return type
                                                                                                                    FieldList* fls = func Dec(paral, type, sons, p)
                                                     错误16
                                                                                    Def
                                                                                                                     if(sons->siblings != NULL){
                                                                                                                       fls = func DecList(fls, type, sons->siblings->sibilngs,p)
                                                                                                                     return fls
从INT开始处理。
                                                                                 Specifier —传递Type地址→ DecList
if(v->siblings != NULL){
Type tp = (Type)malloc(sizeof(struct Type_));
                                                Type type = func Specifier(sons)
                                                 FieldList* fls = func_DecList(paral, type, sons->siblings,p)
 tp->kind = ARRAY
                                                 return fls
                                                                                                             Dec
                                                                                                                   Opt▶ COMMA → DecList
 tp->elem = type
                                                                                                                               FieldList *tail = func VarDec(paral, type, sons,p)
 tp->size = INT
                                                                                                                               if(s->siblings != NULL)错误15
return func VarDec(para1, tp, VacDec->sons, p)
                                                                                                                               return tail
                                                                                                                     —Siblings!=NULL→ 错误15
                                                                                                            VarDec
                                                                                                                              -Opt1-
*para1 = (FieldList)malloc(sizeof(struct FieldList ));
查表: 重名:错误15, id->name取计数器中的数字
                                                                                                                                                      —- 查表重名→ 错误15
加入表中
strcpy(fls->name, id->name)
 fls->type = type
return &(*para1->tail)
```



