**Imela.c/h文件**：拆分已完成，拆为3个类imela、imelareg、imelacore

1. **公有函数，例如a\_b\_get\_param修改为a\_d\_get\_param**

未修改完

1. **结构体,例如T\_D\_PARAM修改为DParam**

未修改完

1. **枚举，枚举项**

未修改完

1. **头文件公有宏**

未修改完

1. **全局变量，提供get/set方法**

Im\_ela.c原私有变量如下：

static volatile UCHAR gIM\_ELA\_Stage\_Cnt = 0;

static volatile UCHAR gIM\_ELA\_Step\_Cnt = 0;

static volatile UCHAR gIM\_ELA\_Next\_Ctrl\_Flag = 0;

static volatile T\_IM\_ELA\_BAYER\_MNG gIM\_ELA\_Bayer;

static volatile T\_IM\_ELA\_CURTAIL\_BAYER\_DATA gIM\_ELA\_Curtail\_Bayer[D\_IM\_ELA\_STAGE\_MAX];

static volatile T\_IM\_ELA\_EXTRACT\_NOISE\_DATA gIM\_ELA\_Extract\_Noise[D\_IM\_ELA\_STAGE\_MAX];

static volatile T\_IM\_ELA\_CTRL\_COMMON gIM\_ELA\_Ctrl\_Common\_Info;

static volatile T\_IM\_ELA\_QELATMD gIM\_ELA\_Qelatmd\_Info;

volatile ULONG gIM\_ELA\_Axi\_Err = D\_IM\_ELA\_NORMAL\_END;

volatile T\_IM\_ELA\_MULTIPLE\_TIMES\_INFO gIM\_ELA\_Multiple\_Exec\_Info;

static volatile T\_IM\_ELA\_CALLBACK gIM\_ELA\_CallBack\_Func = NULL;

除以下三个外均变为全局变量：

gIM\_ELA\_Curtail\_Bayer[D\_IM\_ELA\_STAGE\_MAX];

gIM\_ELA\_Extract\_Noise[D\_IM\_ELA\_STAGE\_MAX];

gIM\_ELA\_Axi\_Err

命名修改如下：

struct \_ImEla {

KObject parent;

UCHAR gImElaStageCnt;

UCHAR gImElaStepCnt;

UCHAR gImElaNextCtrlFlag;

T\_IM\_ELA\_BAYER\_MNG gImElaBayer;

T\_IM\_ELA\_CTRL\_COMMON gImElaCtrlCommonInfo;

T\_IM\_ELA\_QELATMD gImElaQelatmdInfo;

T\_IM\_ELA\_MULTIPLE\_TIMES\_INFO gImElaMultipleExecInfo;

T\_IM\_ELA\_CALLBACK gImElaCallbackFunc;

};

get/set方法：

#define im\_ela\_get\_g\_im\_ela\_stage\_cnt(self) (&(self->gImElaStageCnt))

#define im\_ela\_set\_g\_im\_ela\_stage\_cnt(self,g) {self->gImElaStageCnt = g;}

#define im\_ela\_get\_g\_im\_ela\_step\_cnt(self) (&(self->gImElaStepCnt))

#define im\_elaeg\_set\_g\_im\_ela\_step\_cnt(self,g) {self->gImElaStepCnt = g;}

#define im\_ela\_get\_g\_im\_ela\_next\_ctrl\_flag(self) (&(self->gImElaNextCtrlFlag))

#define im\_ela\_set\_g\_im\_ela\_next\_ctrl\_flag(self,g) {self->gImElaNextCtrlFlag = g;}

#define im\_ela\_get\_g\_im\_ela\_bayer(self) (&(self->gImElaBayer))

#define im\_elaeg\_set\_g\_im\_ela\_bayer(self,g) {self->gImElaBayer = g;}

#define im\_ela\_get\_g\_im\_ela\_ctrl\_common\_info(self) (&(self->gImElaCtrlCommonInfo))

#define im\_ela\_set\_g\_im\_ela\_ctrl\_common\_info(self,g) {self->gImElaCtrlCommonInfo = g;}

#define im\_ela\_get\_g\_im\_ela\_qelatmd\_info(self) (&(self->gImElaQelatmdInfo))

#define im\_ela\_set\_g\_im\_ela\_qelatmd\_info(self,g) {self->gImElaQelatmdInfo = g;}

#define im\_ela\_get\_g\_im\_ela\_multiple\_exec\_info(self) (&(self->gImElaMultipleExecInfo))

#define im\_ela\_set\_g\_im\_ela\_multiple\_exec\_info(self,g) {self->gImElaMultipleExecInfo = g;}

#define im\_ela\_get\_g\_im\_ela\_callback\_func(self) (&(self->gImElaCallbackFunc))

#define im\_ela\_set\_g\_im\_ela\_callback\_func(self,g) {self->gImElaCallbackFunc = g;}

C文件调用例子：

ImEla \*imEla = im\_ela\_get();

T\_IM\_ELA\_QELATMD \*gImElaQelatmdInfo = im\_ela\_get\_g\_im\_ela\_qelatmd\_info(imEla);

**Im\_cnr.c/h文件**：已拆分为5个类：imcnr imcnr0 imcnr1 imcnr2 imcnr3，其中imcnr还需继续拆分为2个文件

1. **公有函数，例如a\_b\_get\_param修改为a\_d\_get\_param**

暂未修改

1. **结构体,例如T\_D\_PARAM修改为DParam**

暂未修改

1. **枚举，枚举项**

暂未修改

1. **头文件公有宏**

暂未修改

1. **全局变量，提供get/set方法**

目前没有私有变量变为全局变量