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### Matrox Rapixo CXP

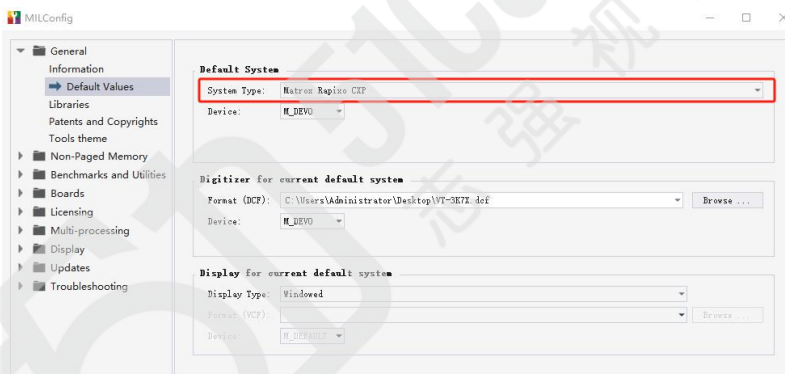
## Matrox 采集卡自动存图例程

### 目录

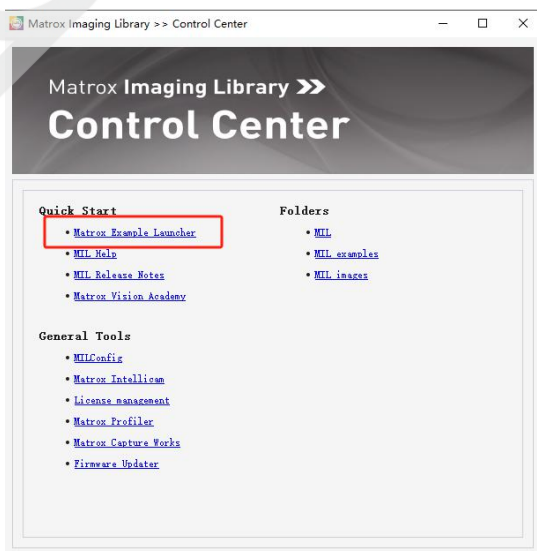
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## 一、例程设置

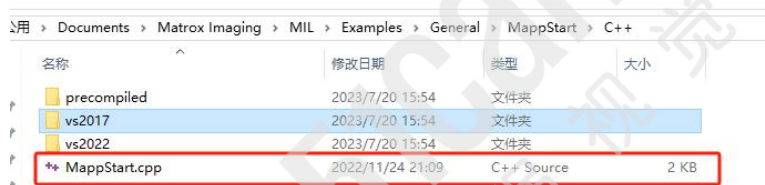
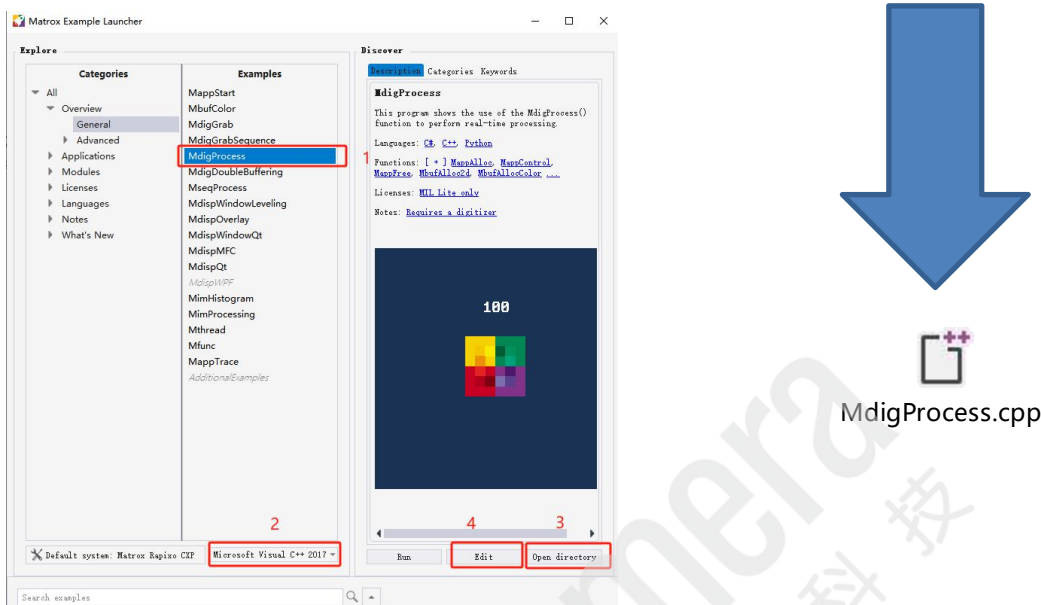
1、点击 MILConfig, 选择 Default Values 下 system type 参数设置为 Matrox Rapixo CXP



2、打开 MIL 驱动后点击 MatroxExample Launcher



3、首先点击 MdigProcess 选择开发语言，点击打开代码所在位置，替换 MappStart.cpp 为文档里的 cpp 文件，点击 Edit 编辑代码



替换你所使用的 dcf 路径

```
58     MIL_ID MilImageDisp;  
59     MIL_ID MilGrabBufferList[BUFFERING_SIZE_MAX] = { 0 };  
60     MIL_INT MilGrabBufferListSize;  
61     MIL_INT ProcessFrameCount = 0;  
62     MIL_DOUBLE ProcessFrameRate = 0;  
63     HookDataStruct UserHookData;  
64  
65     /* Allocate defaults. */  
66     MappAllocDefault(M_DEFAULT, &MilApplication, &MilSystem, &MilDisplay,  
67                    &MilDigitizer, M_NULL);  
68     MappAlloc(M_DEFAULT, &MilApplication);  
69     MsysAlloc(MIL_TEXT("M_DEFAULT"), M_DEFAULT, M_DEFAULT, &MilSystem);  
70     MdispAlloc(MilSystem, M_DEFAULT, MIL_TEXT("M_DEFAULT"), M_DEFAULT, &MilDisplay);  
71     MdigAlloc(MilSystem, M_DEFAULT, MIL_TEXT("D:\\desk\\d\\internal Trigger-1920X52.dcf"), M_DEFAULT, &MilDigitizer);  
72  
73     /* Allocate a monochrome display buffer. */  
74     MbufAlloc2d(MilSystem,  
75               MdigInquire(MilDigitizer, M_SIZE_X, M_NULL),  
76               MdigInquire(MilDigitizer, M_SIZE_Y, M_NULL),  
77               8 + M_UNSIGNIED,  
78               M_IMAGE + M_GRAB + M_PROC + M_DISP,  
79               &MilImageDisp);
```

在 D 盘建立一个为名字“1”的文件夹

```
typedef struct  
{  
    MIL_ID MilDigitizer;  
    MIL_ID MilImageDisp;  
    MIL_INT ProcessedImageCount;  
    MIL_INT SizeX;  
    MIL_INT SizeY;  
    CString FilePathName = "D:/1";  
    MIL_INT count = 1;  
} HookDataStruct;
```

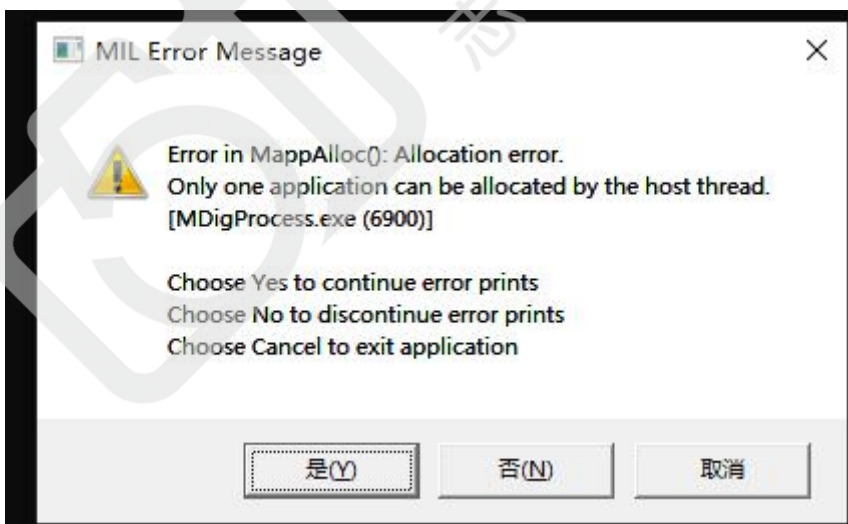
运行即可

## 二、报错及解决方法

如果出现这个报错，全局定义一下 time 即可



如果出现这个报错，证明后台存在 Matrox 软件未关闭，关闭所有 Matrox 软件即可



如果出现这个报错，选择项目-属性-更改 SDK 即可



