## 1. 编写智能合约

```
constructor() public {
    Owner = msg.sender ;
}

// 医族語音傳放文件表量
    uint public storagesNumber;

// 文件帝者对应的文件表值是
mapping(bytes => storages ) storagess;

// 亲入文件信息
function setStorages ( bytes memory fileHash ) public {
    // 序稿文件信息
    storagess[ fileHash ] = storages( storagesNumber , fileHash,msg.sender,block.timestamp);
    // 存稿文件信息
    storagesNumber ++;
}

// 查询文件信息
function queryStorages( bytes memory fileHash ) public view returns(uint,bytes memory,address,uint) {
    storages storage s = storagess[ fileHash ];
    return (s.fileUp, s.fileHash, s.fileOwner, s.createTime);
```

## 2. 部署智能合约

## 3. 调用智能合约

```
//导入日志
   public static final String KEYS_PATH = "src/main/resources/keys"
   public static final String CODE_PATH = "src/main/resources/contract/"
public static final String CLIENT_URL = "127.0.0.1:37101";
   //调用录入文件信息的接口
                                                                                           method = RequestMethod.POST, produces = "application/json; charset=utf-8")
   @ResponseBody
   \verb|public Map(String, Object)| addContractInterface (@RequestParam JSONObject parameterJson)| \{ | (addContractInterface (@RequestParam JSONObject parameterJson) | (addContractInterface (@RequestParam JSONObject parameterJsonob) | (addContractInterface (@Requ
          Map<String,Object> resultMap = new HashMap<>();
          try {
                XuperClient client = new XuperClient (CLIENT_URL) ;
                // 导入合约账户的kyes
                Account account = Account.create(KEYS_PATH);
                 account.setContractAccount(CONTRACT_ACCOUNT);
                 Map<String, String> contractParams = JSONObject.fromObject(parameterJson);
                 //调用查询文件信息的接口
MRequestMapping(value = "/queryContractInterface"
                                                                                                                        method = RequestMethod.POST, produces = "application/json; charset=utf-8")
    @ResponseBody
    Map<String, Object> resultMap = new HashMap<>();
                  XuperClient client = new XuperClient (CLIENT_URL) ;
                   // 导入合约账户的kyes
                   Account account = Account.create(KEYS PATH):
                  account.setContractAccount(CONTRACT_ACCOUNT);
                   // 解析请求参数
                   Map<String, String> contractParams = JSONObject.fromObject(parameterJson);
                   Transaction queryTx = client.queryEVMContract( account , "FileCertificate" , "queryStorages" , contractParams );
 合约调用
        Contract:
                                                                                                FileCertificate
                                                                                     XC2022081600000001@xuper
                                                                            WrLCFxoKGyCGaGKShXJQeKtC7bFWc91RR
        Signer
                                                                       Method
                                                                                                                                                                                                                     Method
                                                                       setStorage
                                                                                                                                                                                                                  queryStorage
                                                                          Args
                                                                                                                                                                                                                       Args
                             fileHash 5b38da6a701c568545dcfcb03fcb875f56beddc4
                                                                                                                                                                           fileHash
                                                                                                                                                                                                                       Result
                             fileHash 5b38da6a701c568545dcfcb03fcb875f56beddc4
```