业务类整理

1.

查找王贵芳的记录，调用ICC的时候，key值是

http://192.168.10.77:9200/iCCWebClient/Common/Connect?key=bf6c6290-e265-4fab-9bf6-cc238fd7aece

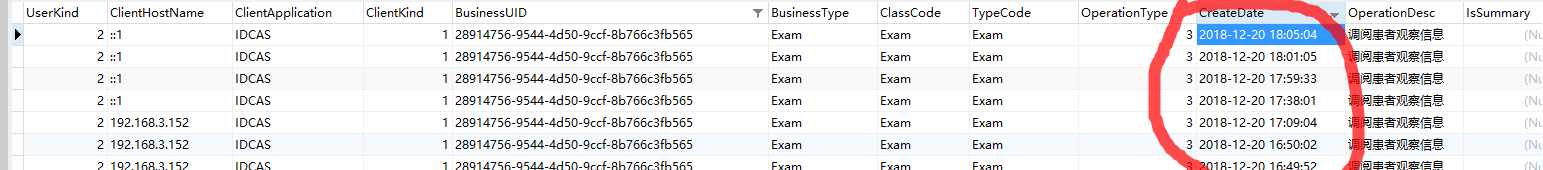


根据姓名去找到这个key bf6c6290-e265-4fab-9bf6-cc238fd7aece

发现每一次调阅查看改归档信息，就会往数据库里增加一条记录。

\_logClinicDataOperationRepository.Insert(log);

反应到数据库

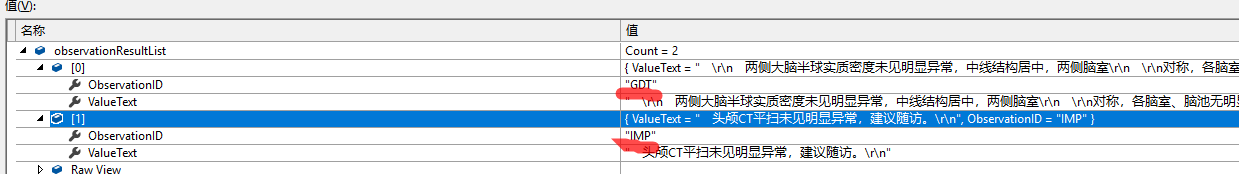


发现查看影像的时候提到了苗哥的ICC当中。

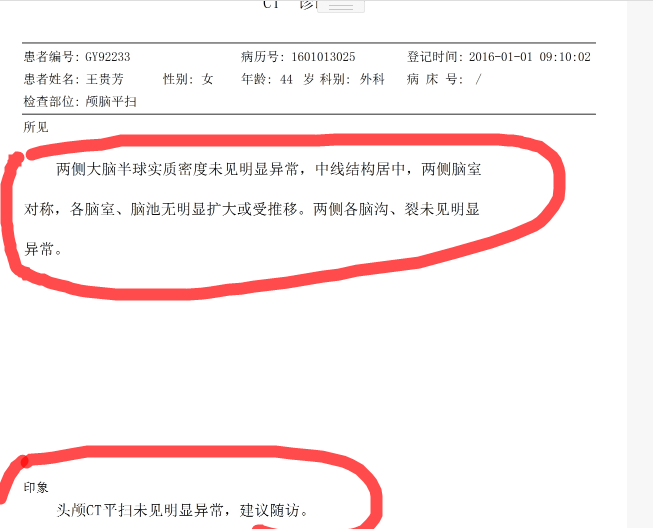
去远程服务器上发现，云归档和苗哥那边的IIC是部署在一起的。

其中ObservationRequest（观察请求记录）和ObservationResult（观察结果表）是一对多，就像下面，同一个观察，会有两个结果。

一个是所见，一个是印象。

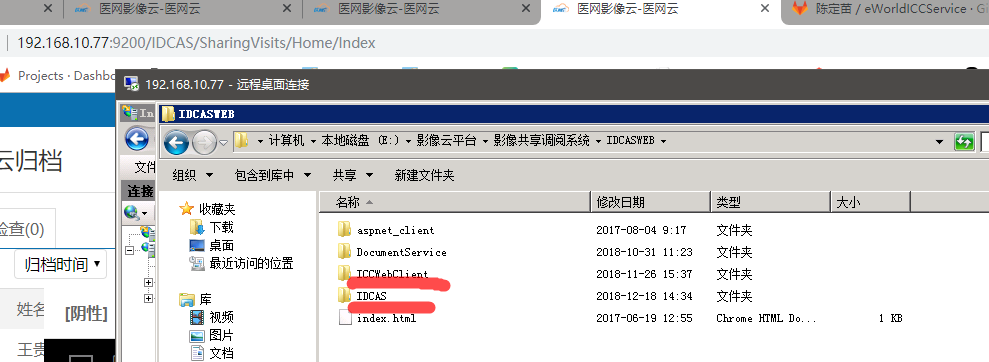


反馈到报告单子上：



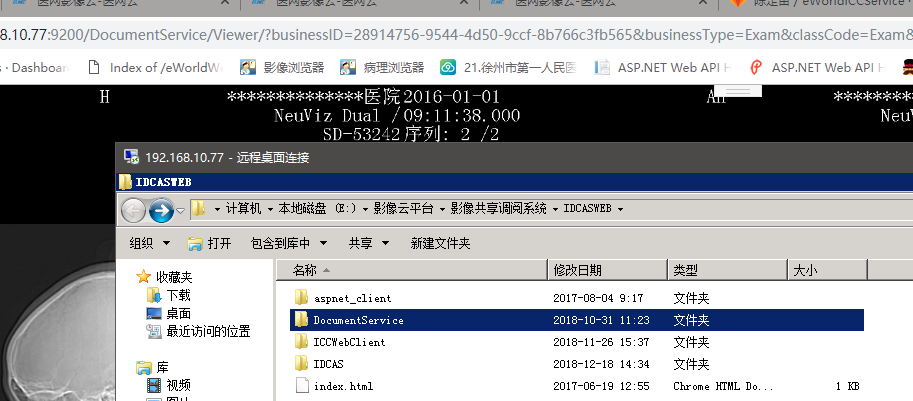
观察数据库发现成对出现，一格式影像所见，一个是影像诊断。



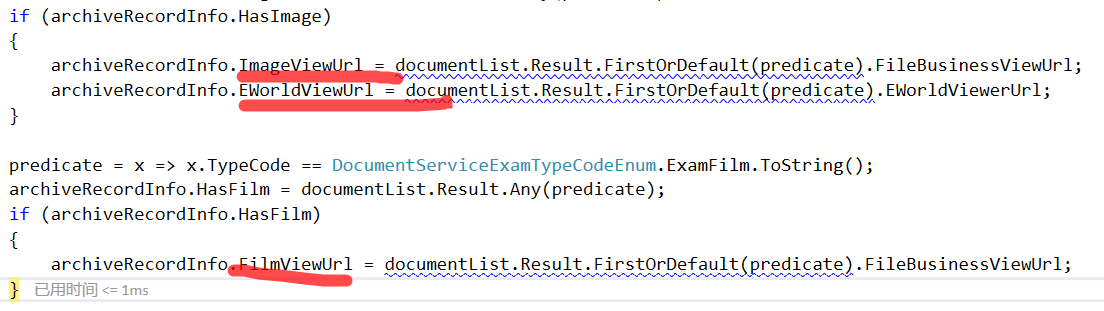


<http://192.168.10.77:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&businessType=Exam&classCode=Exam&typeCode=ExamFilm&fileUid=6d58c036-271d-477b-9d20-35a014f851fe&organizationID=2470&print=&download=&businessView=true&token=3608a9972db823efa9fb268e3d42a110&reportimgpost=&Anonymous=>

这类参数，连接到当前文件夹的另一个项目。



各种地址的获取：



入参：

{

"ObservationUID":"28914756-9544-4d50-9ccf-8b766c3fb565",

"PatientID":"GY92233"

}

结果就是：

{

"state": true,

"msg": "OK",

"data": {

"ObservationUID": "28914756-9544-4d50-9ccf-8b766c3fb565",

"Name": "王贵芳",

"Sex": "女",

"Age": 44,

"AgeUnit": "岁",

"ClinicInfoType": "Exam",

"PatientMasterID": "8ab73c3f-0aa8-4e9c-95fa-3ae79d4522cd",

"PointOfCare": "",

"PatientClass": "普通",

"InPatientNO": "",

"Bed": "",

"MedRecNO": "SD-1601013025",

"RelevantClinicalInfo": "",

"ClinicDiagnosis": "",

"Attention": "",

"ProviderName": "陈业祥",

"RequestDeptName": "外科",

"RequestedDate": "/Date(1513126978000)/",

"HasResult": true,

"RepetorViewUrl": "http://localhost:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&businessType=Exam&classCode=Exam&typeCode=ExamResult&fileUid=46361560-7e57-456c-87ce-33a71afa5b73&organizationID=2470&print=&download=&businessView=true&token=2bd17495d9c2f6894188458acbcbec7a&reportimgpost=&Anonymous=",

"HasRequest": false,

"RequestViewUrl": null,

"HasFilm": true,

"FilmCount": 5,

"FilmViewUrl": "http://localhost:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&businessType=Exam&classCode=Exam&typeCode=ExamFilm&fileUid=6d58c036-271d-477b-9d20-35a014f851fe&organizationID=2470&print=&download=&businessView=true&token=3608a9972db823efa9fb268e3d42a110&reportimgpost=&Anonymous=",

"HasImage": true,

"ImageViewUrl": "http://localhost:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&businessType=Exam&classCode=Exam&typeCode=ExamImage&fileUid=a03e83b4-e8d8-40be-a151-fc44feb163b3&organizationID=2470&print=&download=&businessView=true&token=0c9936e111e6617a8623e45877186e60&reportimgpost=&Anonymous=",

"EWorldViewUrl": "eworldview:FileSrc=Network,IP=192.168.2.35,Port=1004,AE=PACS,StudyInstanceUID=1.2.156.14702.1.1.0.20160101091002000,PatientID=SD-53242,AccessionNumber=GY92233,Modality=CT",

"Reason": "",

"AccessionNumber": "SD-53242",

"ServiceSectID": "CT",

"ObservationDate": "/Date(1545045002000)/",

"ProcedureName": "颅脑平扫",

"ServiceText": "常规CT",

"OutPatientNO": "",

"DataSource": "RIS",

"DataSourceName": "放射科",

"ResultAssistantName": "郭明华",

"ResultDate": "/Date(1545098536000)/",

"ResultReviseName": "",

"AuditDate": "/Date(1545038554000)/",

"StudyDescription": " \r\n 两侧大脑半球实质密度未见明显异常，中线结构居中，两侧脑室\r\n \r\n对称，各脑室、脑池无明显扩大或受推移。两侧各脑沟、裂未见明显\r\n \r\n异常。\r\n",

"DiagnosticImpression": " 头颅CT平扫未见明显异常，建议随访。\r\n",

"Room": "",

"ResultStatus": "审核完成",

"AbnormalFlags": "阴性"

}

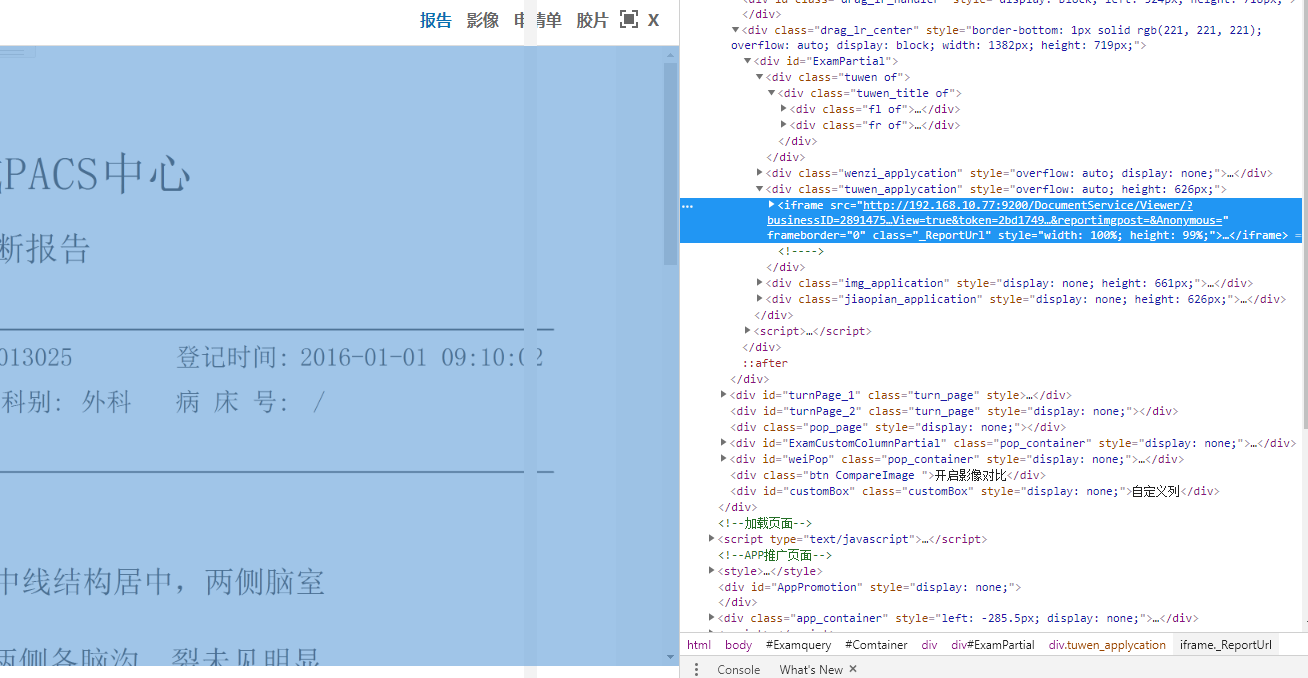
}

网页的结果是：



继续查看网页源代码：

报告这里是一个Iframe标签

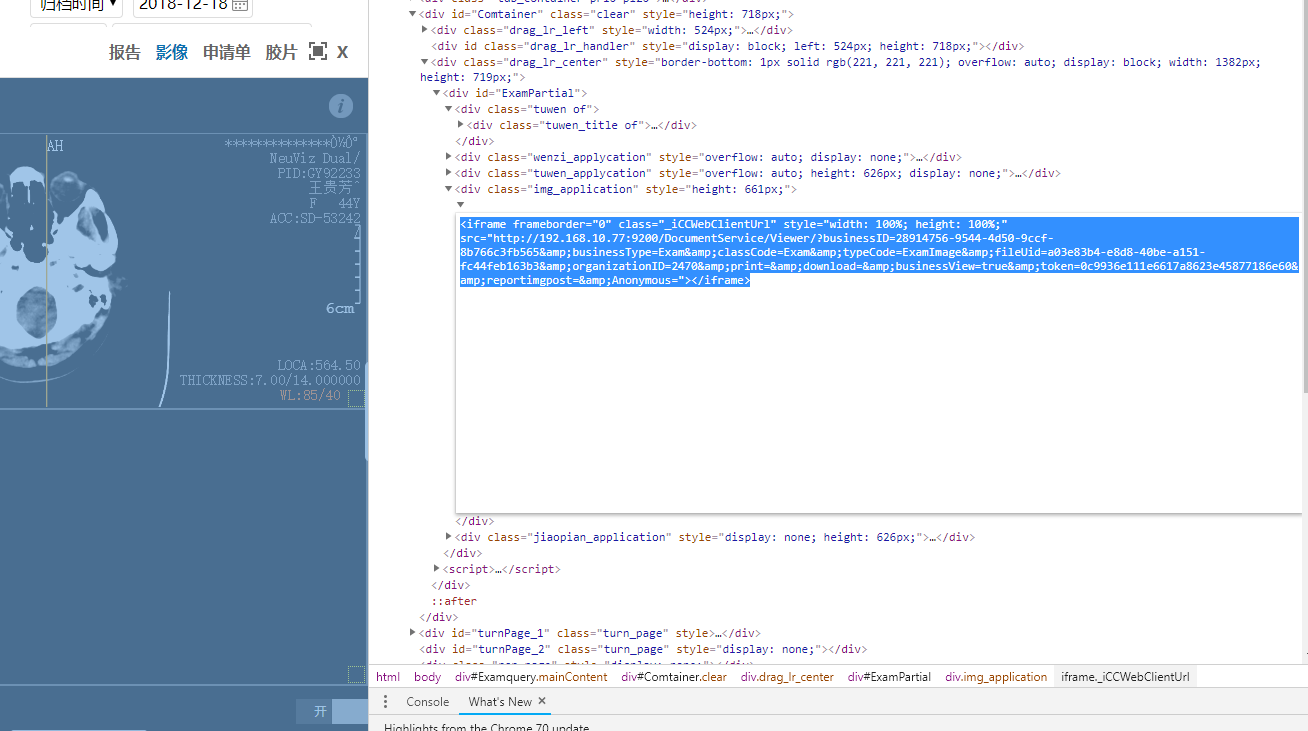


<iframe src="http://192.168.10.77:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&amp;businessType=Exam&amp;classCode=Exam&amp;typeCode=ExamResult&amp;fileUid=46361560-7e57-456c-87ce-33a71afa5b73&amp;organizationID=2470&amp;print=&amp;download=&amp;businessView=true&amp;token=2bd17495d9c2f6894188458acbcbec7a&amp;reportimgpost=&amp;Anonymous=" frameborder="0" class="\_ReportUrl" style="width: 100%; height: 99%;"></iframe>

http://192.168.10.77:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&businessType=Exam&classCode=Exam&typeCode=ExamResult&fileUid=46361560-7e57-456c-87ce-33a71afa5b73&organizationID=2470&print=&download=&businessView=true&token=2bd17495d9c2f6894188458acbcbec7a&reportimgpost=&Anonymous=

这里的businessID就是当前的businessID

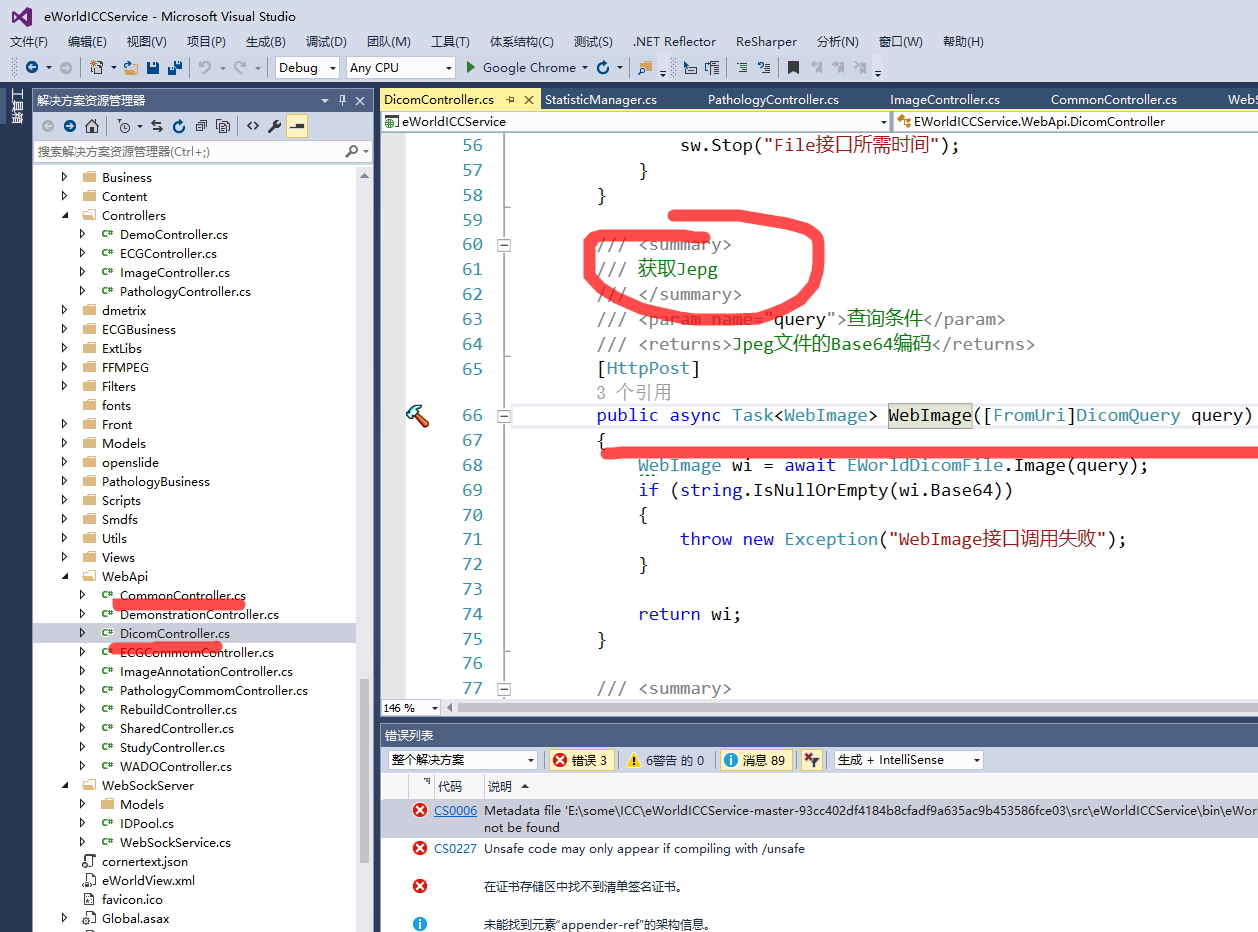
接下来是影像：



也是Iframe标签。

<iframe frameborder="0" class="\_iCCWebClientUrl" style="width: 100%; height: 100%;" src="http://192.168.10.77:9200/DocumentService/Viewer/?businessID=28914756-9544-4d50-9ccf-8b766c3fb565&amp;businessType=Exam&amp;classCode=Exam&amp;typeCode=ExamImage&amp;fileUid=a03e83b4-e8d8-40be-a151-fc44feb163b3&amp;organizationID=2470&amp;print=&amp;download=&amp;businessView=true&amp;token=0c9936e111e6617a8623e45877186e60&amp;reportimgpost=&amp;Anonymous="></iframe>

接下来就走入了苗哥的世界，icc。调了其中的api方法。



2.

注册检查信息：

ObservationRequest（观察请求记录）的OrganizationID（机构号）和crm的机构表（institution）中的InstitutionlCode（机构代码）匹配上：





3.

{

var internetEndpoint = service.UseTLS == false ? service.EndpointInternet : service.EndpointTLSInternet;

if (!string.IsNullOrWhiteSpace(internetEndpoint))

{

\_log.Debug("检测到配置表中有相应外网地址，外网地址=" + internetEndpoint);

result.InternetEndpoint = internetEndpoint;

}

var intranetEndpoint = service.UseTLS == false ? service.Endpoint : service.EndpointTLS;

if (!string.IsNullOrEmpty(intranetEndpoint))

{

\_log.Debug("检测到配置表中有相应内网地址，内网地址=" + intranetEndpoint);

result.IntranetEndpoint = intranetEndpoint;

}

if (string.IsNullOrWhiteSpace(internetEndpoint) && string.IsNullOrWhiteSpace(intranetEndpoint))

{

\_log.Debug("未检测到相应外网地址和内网地址，使用web服务地址作为内网地址。");

result.IntranetEndpoint = GetDocumentServiceUrl();

return result;

}

这里明明是内外网地址找到了

else

{

\_log.Error("外网地址，内网地址，网站地址都没找到或不可用。");

return result;

}

}

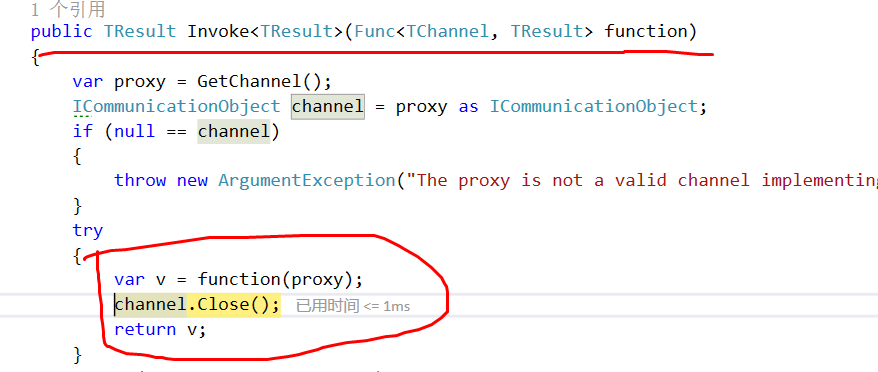
4.

听曹兵电话，湖州是特殊，云是别人的，只能给他身份证号这种，然后去他们的接口请求，返回了影像浏览的地址。（说是长兴，还有哪，台州来着，都是单独部署的）

我得确定，我这边能力平台，你给我的全是localhost开头的地址，我怎么找到影像的具体地址。

5.

wcf的调用，调用完关闭频道。



6.

计时器监视的方法

var swcout = new Stopwatch();

swcout.Start();

\_log.Info("app获取调阅检查详情执行数据库查询开始");

var resultdata = \_imageArchiveClient.Invoke(t => t.GetPatientExamInfo(query.ToQuery()));

swcout.Stop();

\_log.Info($"app获取调阅检查详情执行数据库查询结束，耗时{swcout.ElapsedMilliseconds}毫秒");

if (resultdata.code == ResultCodeEnum.Success)

{

//swcout.Restart();

//\_log.Info("app获取调阅检查详情执行ToDTO方法开始");

data = resultdata.Result.ToDTO();

//swcout.Stop();

//\_log.Info($"app获取调阅检查详情执行oDTO方法结束，耗时{swcout.ElapsedMilliseconds}毫秒");

//data.Name = DESHelper.Encrypt(data.Name);

//data.Sex = DESHelper.Encrypt(data.Sex);

//data.OrganizationName = DESHelper.Encrypt(data.OrganizationName);

//data.OrganizationID = DESHelper.Encrypt(data.OrganizationID);

//data.AccessionNumber = DESHelper.Encrypt(data.AccessionNumber);

//swcout.Restart();

//\_log.Info("app获取调阅检查详情执行数据转换1开始");

//var url = ConfigDefine.Url;

//if (data.HasResult.HasValue && data.HasResult.Value)

//{

// data.RepetorViewUrl = CommonUtil.TransLocalhostForClient(data.RepetorViewUrl, url);

//}

//swcout.Stop();

//\_log.Info($"app获取调阅检查详情执行数据1转换，耗时{swcout.ElapsedMilliseconds}毫秒");

//swcout.Restart();

//\_log.Info("app获取调阅检查详情执行数据转换2开始");

//swcout.Stop();

//\_log.Info($"app获取调阅检查详情执行数据2转换，耗时{swcout.ElapsedMilliseconds}毫秒");

//swcout.Restart();

//\_log.Info("app获取调阅检查详情执行数据转换3开始");

//if (data.HasImage.HasValue && data.HasImage.Value)

//{

// data.ImageViewUrl = CommonUtil.TransLocalhostForClient(data.ImageViewUrl, url);

//}

//swcout.Stop();

//\_log.Info($"app获取调阅检查详情执行数据3转换，耗时{swcout.ElapsedMilliseconds}毫秒");

//swcout.Restart();

//\_log.Info("app获取调阅检查详情执行数据转换4开始");

//if (data.HasFilm.HasValue && data.HasFilm.Value)

//{

// data.FilmViewUrl = CommonUtil.TransLocalhostForClient(data.FilmViewUrl, url);

//}

//swcout.Stop();

//\_log.Info($"app获取调阅检查详情执行数据4转换，耗时{swcout.ElapsedMilliseconds}毫秒");

7.

8.