监听程序接口文档

**仪器：**

AVE766尿机

**图片：**

**配置：**

[{"MachID":"#RowID","Type":"DataBase","UpTime":"30000","Address":"DSN=AVE","UpCDF":"","UpREF":"","DealProcess":"MI.MIFAVE","Para":"SELECT \* FROM dbo.micro\_out a RIGHT JOIN dbo.chemic\_0 b ON a.ID=b.ID WHERE b.ID like CONVERT(VARCHAR(12),getdate(),112)+'%'","PreDealClass":"PreDeal.DealAVE,PreDeal","UPPreDealClass":""}]

**M:**

Class MI.MIFAVE Extends %Persistent  
{  
  
//D ##class(MI.MIFLKM).fileMTHD("35", "1~<30.2 pg/mL~真菌葡聚糖~265~")  
  
ClassMethod fileMTHD(mi, record, epis, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %String  
{  
 s mi=$g(mi)  
 s epis=$g(epis)  
   i '$d(^dbo.BTMIMachineParameterD(mi)) q  
 i '$l(record) q  
  d Trace^MI.MIF000(mi,record,"H<--M")  
  s (sample,result,date,time,QC)=""  
  s epis=$p(record,"~",1)  
  S del=epis  
  s epis=+$E(epis,9,12)  
  //s ARecord=$p(record,del,3)  
  //s BRecord=$p(record,del,2)  
  f i=2:1:3 d  
  .//结果如果已经传过久不在保存  
  .i $d(^TMP("AVE",+$h,i,epis)) q  
  .s res=$p(record,del,i)  
  .//判断结果是否已经出来  
  .s flag=0  
  .f j=1:1:$l(res,"~") d  
  ..i ($p(res,"~",j)'=0),($p(res,"~",j)'=""),($p(res,"~",j)'="null") s flag=1  
  .i flag=0 q  
  .s ^TMP("AVE",+$h,i,epis)=""  
  .f j=1:1:$l(res,"~") d  
  ..s code=i\_j  
  ..s rec=$p(res,"~",j)  
  ..s result=result\_code\_$c(92)\_rec\_$c(44)  
  d Trace^MI.MIF000(mi,epis\_":"\_result,"H<--M")  
 i $l(epis),$l(result) d ##Class(MI.Common.MIFBase).Save(mi, epis, result, date, time, QC)  
 i $l(epis) s retVal=$$ReceiveLabno^MI.MIF000(mi,epis,"")  
 q "1"  
}  
  
//D ##class(MI.MachTest)SaveImageMTHD("7","9999", "","175")  
  
ClassMethod SaveImageMTHD(mi, epis, ImageClass, FileName, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %String  
{  
 s mi=$g(mi)  
 s MachID=mi  
   i '$d(^dbo.BTMIMachineParameterD(MachID)) q ""  
  d Trace^MI.MIF000(MachID,epis\_":"\_ImageClass\_":"\_FileName,"H<--M")  
  s (ReceiveDate, ImageOrder, Caption, DisplayRatio, Height, Width, Sequence)=""  
 s ret=##Class(MI.Common.MachineResult).SaveImage(ReceiveDate, epis, ImageClass, ImageOrder, FileName, MachID, Caption, DisplayRatio, Height, Width, Sequence)  
 q ret  
}  
  
//w ##class(MI.MachTest).GetFtpMTHD("24")  
  
ClassMethod GetFtpMTHD(mi, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %String  
{  
 s mi=$g(mi)  
 s MachID=mi  
   i '$d(^dbo.BTMIMachineParameterD(MachID)) q ""  
   s FtpData=##class(OTH.SYSParameter).GetDataValue("LABREPORTIMAGEFTP","HOS","1")  
   s Ftp=$p($p(FtpData,"@",2),"/",1)  
   s User=$p($p($p(FtpData,"@",1),":",2),"/",3)  
   s Password=$p($p(FtpData,"@",1),":",3)  
   s FtpPath=$p(FtpData,"/",4,$l(FtpData,"/"))  
   s FilePath="/"\_FtpPath\_"/ImageResultXI1800IA/"\_$tr($zd($h,3),"-")\_"/"  
   q Ftp\_"^"\_User\_"^"\_Password\_"^"\_FilePath  
}  
  
/// Creator： 查询患者信息  
/// CreatDate： 20140919  
/// Description:：   
/// Table：   
/// Input： mi：仪器主键  
/// Output： 仪器信息  
/// Return： 仪器信息  
/// Others：   
Query QryLabInfo(mi As %String, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %Query(ROWSPEC = "labno,labnoInfo,patInfo")  
{  
}  
  
/// Query的执行方法  
/// d ##class(%ResultSet).RunQuery("MI.MachTest","QryLabInfo","17","","","","","","","","","","","","","","","")  
ClassMethod QryLabInfoExecute(ByRef qHandle As %Binary, mi As %String, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %Status  
{  
 Set repid=$i(^CacheTemp)  
  Set ind=1  
 s mi=$g(mi),flag=$g(flag)  
 i '$d(^dbo.BTMIMachineParameterD(mi)) q ""  
 s LabnoList=""  
 s AddDate="" f  s AddDate=$o(^dbo.RPMachineUploadI("IndexSendStatus",mi," C",AddDate)) q:AddDate=""  d  
 .s AddTime="" f  s AddTime=$o(^dbo.RPMachineUploadI("IndexSendStatus",mi," C",AddDate,AddTime)) q:AddTime=""  d  
 ..s MiUploadDR=$o(^dbo.RPMachineUploadI("IndexSendStatus",mi," C",AddDate,AddTime,""))  
 ..s labno=$lg(^dbo.RPMachineUploadD(MiUploadDR),3)  
 ..i '$l(labno) q  
 ..//ref  
 ..s labnoInfo=..GetLabnoInfo(mi,labno)  
 ..//cdf  
 ..s patInfo=..GetPatInfo(mi,labno)  
 ..d OutputRow  
  Set qHandle=$lb(0,repid,0)  
 Quit $$$OK  
   
   
OutputRow  
    Set Data=$lb(labno,labnoInfo,patInfo)  
    Set ColFields="labno,labnoInfo,patInfo"  
  Set ^CacheTemp(repid,ind)=##Class(LIS.Util.Common).TransListNull(Data,ColFields)  
  Set ind=ind+1  
 quit  
}  
  
ClassMethod QryLabInfoClose(ByRef qHandle As %Binary) As %Status [ PlaceAfter = QryLabInfoExecute ]  
{  
 Set repid=$LIST(qHandle,2)  
  Kill ^CacheTemp(repid)  
 Quit $$$OK  
}  
  
ClassMethod QryLabInfoFetch(ByRef qHandle As %Binary, ByRef Row As %List, ByRef AtEnd As %Integer = 0) As %Status [ PlaceAfter = QryLabInfoExecute ]  
{  
  Set AtEnd=$LIST(qHandle,1)  
  Set repid=$LIST(qHandle,2)  
  Set ind=$LIST(qHandle,3)  
  Set ind=$o(^CacheTemp(repid,ind))  
  If ind="" {   
  Set AtEnd=1  
  Set Row=""  
  }  
  Else      {   
  Set Row=^CacheTemp(repid,ind)  
  }  
  // Save QHandle  
  s qHandle=$lb(AtEnd,repid,ind)  
 Quit $$$OK  
}  
  
/// w ##Class(MI.MIFX1800IA).GetLabnoInfo(-6,1001367)  
ClassMethod GetLabnoInfo(mi, labno) As %String  
{  
 s mi=$g(mi),labno=$g(labno)  
 i '$d(^dbo.BTMIMachineParameterD(mi)) q ""  
 //获取项目通道号  
    d ScanOne^MI.MIF000(mi,labno)  
    s tcx=""  
    s chl="" f  s chl=$o(^TMP("MIFTESTCODE",$j,mi,labno,chl)) q:chl=""  d  
    .s tcx=tcx\_chl\_"+"  
    s tcx=$e(tcx,1,$l(tcx)-1)  
    k ^TMP("MIFTESTCODE",$j,mi,labno)  
    i $l(tcx) s tcx=labno\_","\_tcx\_"|"  
 q tcx  
}  
  
/// w ##Class(MI.MIFX1800IA).GetPatInfo(6,1001367)  
ClassMethod GetPatInfo(mi, labno) As %String  
{  
 s labno = $g(labno),mi=$g(mi)  
 i $l(labno)=0 q ""  
 s VisitNumberDR = $o(^dbo.RPVisitNumberI("IndexVisitNumber"," "\_labno,""))  
 i '$l(VisitNumberDR) q ""  
 //标本信息  
 s RPVisitNumberData=$g(^dbo.RPVisitNumberD(VisitNumberDR))  
 s LocationDR=$lg(RPVisitNumberData,22),Location=""  
 i $l(LocationDR) s Location=$lg($g(^dbo.BTLocationD(LocationDR)),3)  
 s DoctorDR=$lg(RPVisitNumberData,23),Doctor=""  
 i $l(DoctorDR) s Doctor=$lg($g(^dbo.BTDoctorD(DoctorDR)),3)  
 s ReceiveDate=$lg(RPVisitNumberData,66)  
 s ReceiveTime=$lg(RPVisitNumberData,67)  
 s ReceiveUserDR=$lg(RPVisitNumberData,68),ReceiveUser=""  
 i $l(ReceiveUserDR) s ReceiveUser=$lg($g(^dbo.SYSUserD(ReceiveUserDR)),3)  
 s RegNo=$lg(RPVisitNumberData,3)  
 s SurName=$lg(RPVisitNumberData,13)  
  s GivenName=$lg(RPVisitNumberData,14)  
 i SurName=GivenName s PatName=SurName  
 e  s PatName=SurName\_GivenName   
 s SpeciesDR=$lg(RPVisitNumberData,15),Species=""  
 i $l(SpeciesDR) s Species=$lg($g(^dbo.BTSpeciesD(SpeciesDR)),3)  
 s AdmTypeDR=$lg(RPVisitNumberData,4),AdmType=""  
 i $l(AdmTypeDR) s AdmType=$lg($g(^dbo.BTAdmissionTypeD(AdmTypeDR)),3)  
 s BedNo=$lg(RPVisitNumberData,27)  
 s Age=$lg(RPVisitNumberData,18)  
 s AgeUnitDR=$lg(RPVisitNumberData,19),AgeUnit=""  
 i $l(AgeUnitDR) s AgeUnit=$lg($g(^dbo.BTAgeUnitD(AgeUnitDR)),3)  
 s CollectDate=$lg(RPVisitNumberData,51)  
 s CollectTime=$lg(RPVisitNumberData,52)  
 s Diagnose=$lg(RPVisitNumberData,28)  
   
   s Sampleda=$zd($p($h,",",1),3)\_" "\_$zt($p($h,",",2))  
 s Instrument = "XN"  
 i $l(mi) s Instrument=$lg(^dbo.BTMIMachineParameterD(mi),22)  
 s Sampleno=labno   //检测号  
 s Sampletype=""  
  s Feetype="" ;费别  
 s Srcdepno=Location  ;送检科室  
   s Srcdocno=Doctor   ;送检医生  
   s Userno=ReceiveUser ;检验医生(录入者)  
 s Patno=RegNo ;登记号 ""  
 s BarCode=""  
   s Patna=PatName   ;病人姓名  
 s Sex=1 ;性别  
 i Species="男" s Sex="1"     ;1:男 ，2 女  
 i Species ="女" s Sex="2"  
   s Pattype=AdmType   ;病人类型  
   s Bedno = BedNo    ;床号  
   s Patage=Age  ;年龄  
   s Ageunit=""   ;年龄单位  
   s Reqno=labno  ;申请号 = 检验号  
 s Reqda=""  
 i $l(ReceiveDate) s Reqda=$e(ReceiveDate,1,4)\_"-"\_$e(ReceiveDate,5,6)\_"-"\_$e(ReceiveDate,7,8)\_" "\_$zt(ReceiveTime,2) ;送检日期 = 接收时间  
 s Reportda=""   ;报告日期 = 初审(保存结果)时间  
 s Printflag=""  ;打印标志  
 s Resultflag=""  ;结果标志  
 s Errflag=""  ;错误标志  
 s Diagnose = Diagnose   ;诊断  
 s Description=""  ;备注  
 s Reserve=""  ;保留字段  
 s Patnamn=""   ;姓名拼音码  
 i $l(CollectDate) s Getda=$e(CollectDate,1,4)\_"-"\_$e(CollectDate,5,6)\_"-"\_$e(CollectDate,7,8)\_" "\_$zt(CollectTime,2)   
 e  s Getda=Reqda ;接收时间/采样日期  
 s Wardno=""  ;病区  
 s RetString=""  
 s RetString=Sampleda\_","\_Instrument\_","\_Sampleno\_","\_Sampletype\_","\_Feetype\_","\_Srcdepno\_","\_Srcdocno\_","\_Userno\_","  
 s RetString=RetString\_Patno\_","\_Patna\_","\_Sex\_","\_Pattype\_","\_Bedno\_","\_Patage\_","\_Ageunit\_","\_Reqno\_","\_Reqda\_","  
 s RetString=RetString\_Reportda\_","\_Printflag\_","\_Resultflag\_","\_Errflag\_","\_Diagnose\_","\_Description\_","\_Reserve\_","  
 s RetString=RetString\_Patnamn\_","\_Getda\_","\_Wardno\_","\_BarCode  
 q RetString  
}  
  
ClassMethod SaveSDFMTHD(mi, labno, epis, filename, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, Sessions, Output RowCount As %String) As %String  
{  
 s mi=$g(mi),labno=$g(labno),epis = $g(epis),filename=$g(filename)  
   i '$d(^dbo.BTMIMachineParameterD(mi)) q  
 s ret=##Class(MI.MachineUpload).SetSendFlag(mi,labno,"S",filename)  
 q  
}  
  
}