

???? ??????IBM WebSphere MQ??

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InterSystems IRIS?IBM WebSphere MQ????????????????InterSystems IRIS?IBM WebSphere MQ????????????????????????????IBM WebSphere MQ?????IBM WebSphere MQ?????InterSystems IRIS????????????

????%Net.MQSend?%Net.MQRecv????????????%Net.abstractMQ????????????InterSystems IRIS????????????????????(??Windows??MQInterface.dll????????????????)????InterSystems IRIS????????IBM WebSphere MQ??????

????????????????????????????

??IBM WebSphere MQ?RIS??

?????IBM WebSphere MQ?InterSystems IRIS????????????

1. ??????IBM WebSphereMQv7.x????????????

- IBM WebSphere MQ?????InterSystems IRIS????????????????????????????????PATH????????????????
- ?????????????????????InterSystems IRIS????????????
- ??????????IBM WebSphere MQ????
- ???

2. ??%Net.MQSend?%Net.MQRecv????????????????????

3. ???IBM WebSphere MQ????????????????????

- ?????????
- ?????????
- ??????????IBM WebSphere MQ????????????????IP????

?????IBM WebSphere MQ????????????????????

4. ??%Net.MQSend?%Net.MQRecv????????????????

?????64?Linux?????IBM Websphere MQ?????LD_LIBRARY_PATH???MQ????????????????MQ???InterSystems IRIS????????????????????????????InterSystems IRIS?????????IRIS?????UNIX@????????

??????

%Net.MQSend?%Net.MQRecv????????????1?????????0????????????????%GetLastError()?????????IBM WebSphere MQ????????????

??????

?????IBM WebSphere MQ?????????????????Connection??
- ?????%Init????????????????????????????????
- ?????????????????????????????????%Connect???

??%Init()??

????%Init()????????????????????????????

1. ??%Net.MQSend(?????????)??%Net.MQRecv(?????????)????????????????????????????

????????? <DYNAMIC LIBRARY LOAD>?????????????????????messages.log??(?????????????)??????????

2. ??????????????Connection????????????

- ???-????????????????????
- ??-????????????????

3. ??Connection????%Init()????????????????????????

a. ???

b. ??????????????????????IBM WebSphere MQ????????????????????

?????????????????????IBM WebSphere MQ?????????????????????????????IBM WebSphere
MQ??

c. ?????????????????????

"channel_name/transport/host_name(port) "

???channel_name?????????????Transport?????????????host_name???IBM WebSphere
MQ?????????????(?IP??)?port????????????????

?????????????TCP?LU62?NETBIOS?SPX

???

"CHAN_1/TCP/rodan(1401) "

"CHAN_1/TCP/127.0.0.1(1401) "

?????????????????????IBM WebSphere MQ??

d. ???

4. ??%Init()????????????????1????????????????Connection?????????(?????????)?

??%Connect()??

????????????????????????????????????Connect()?????????

1. ??%Net.MQSend(?????????)%Net.MQRecv(?????????)????????????????????????????

????????<DYNAMIC LIBRARY LOAD> ??????????????????messages.log?(?????????????)?????????

2. ??Connection?????????

- QName-(?)????????????????????????????
- QMgr-????????????????????IBM WebSphere MQ????????????????

????????????????IBM WebSphere MQ????????????????????IBM WebSphere MQ??

3. ???????Connection????????????????????

- Connection - ??IBM WebSphere MQ????????????????"127.0.0.1:1401"?
- Channel - ?????????????????????IBM WebSphere MQ?????????????
- Transport - ????????????????????? "TCP", "LU62", "NETBIOS", "SPX"

????????????????IBM WebSphere MQ??

4. ?????????????????Connection??????????

- ??-????????????????
- ??-????????????

5. ??Connection???%ErrLog()??

6. ??%ErrLog()?????????

7. ??Connection???%Connect()???

8. ??%Connect()????????????????1????????????????????Connection?????????(?????????????)?

?????(CCSID)

????????????????????Connection???%SetCharSet()????????IBM WebSphere MQ????????????????ID(CCSID)?

- ???MQ????????????MQ????????????
- ?????????????????????????????

????????????CCSID???%charset()????????????????CCSID????1?0????????.

?????????

????????????????????????????????

- ApplIdentityData????????????????

- PutApplType??PUT Application Type????????

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```
Set longmsg=##class(%FileCharacterStream).%New()  
Set longmsg.Filename="c:\input-sample.txt"  
  
Set check=send.%PutStream(longmsg)  
  
If 'check Quit send.%GetLastError()  
Quit check  
}
```

??3?????????

?????????IBM WebSphere MQ?????????????????????????????????IBM WebSphere MQ????????????????

```
Set MySendQ = ##class(%Net.MQSend).%New()  
Do MySendQ.%Init("Q_1", "QM_1", "QC_1/TCP/127.0.0.1(1401)", "C:\mq.log")  
Do MySendQ.%Put("Hello from tester")  
  
Set MyRecvQ = ##class(%Net.MQRecv).%New()  
Do MyRecvQ.%Init("Q_1", "QM_1", "QC_1", "C:\mq.log")  
Do MyRecvQ.%Get(.msg, 10000)  
  
Write msg,!
```

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