

Re: Cannot create channel sink

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.remoting/2006-06/msg00086.html>

- *From:* Loyola stalin <Loyolastalin@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 26 Jun 2006 06:21:02 -0700
-

Hi Dave Sexton,

I found the solution..

Thz for ur kind help ..

"Dave Sexton" wrote:

Hi Loyola,

Is "vsdt1249" the name of the computer that executes the code calling StartServer()?

– Dave Sexton

"Loyola stalin" <Loyolastalin@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:E0368771-47C2-4648-A245-EB763F80CDFB@xxxxxxxxxxxxxxxxxxxxx

Hi SexTon ,

I have one more problem,

I just let you know the sample Code which I have, for the better understanding of my code

In server side

```
namespace ServerApplication
{
class RMI
{
public RMI()
{

}
}
public static void StartServer()
```

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```
{  
  
    System.Runtime.Remoting.Channels.BinaryServerFormatterSinkProvider  
    serverProv  
    = new  
    System.Runtime.Remoting.Channels.BinaryServerFormatterSinkProvider();  
    serverProv.TypeFilterLevel =  
    System.Runtime.Serialization.Formatters.TypeFilterLevel.Full;  
  
    System.Runtime.Remoting.Channels.BinaryClientFormatterSinkProvider  
    cleProv  
    =  
    new  
    System.Runtime.Remoting.Channels.BinaryClientFormatterSinkProvider();  
    System.Collections.IDictionary props = new  
    System.Collections.Hashtable();  
    props["port"] = 8080;  
    props["machineName"] = "vsdt1249";  
  
    System.Runtime.Remoting.Channels.ChannelServices.RegisterChannel(new  
    HttpChannel(props, cleProv, serverProv), false);  
    MyObj ob = new MyObj();  
    System.Runtime.Remoting.Services.Marshal(ob,  
    "SortedSearchable");  
  
    }  
  
    }
```

Client Side

```
IRemote ob1 = (IRemote)Activator.GetObject(typeof(IRemote),  
@"http://vsdt1249:8080/SortedSearchable");  
MessageBox.Show(ob1.DispName("Loyola stalin"));
```

Client App.config

```
-----  
<configuration>  
<system.runtime.remoting>  
<application>  
<channels>  
<channel ref="http" port="0">  
<clientProviders>  
<formatter ref="binary" />  
</clientProviders>
```

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```
<serverProviders>  
<formatter ref="binary" typeFilterLevel="Full" />  
</serverProviders>  
</channel>  
</channels>  
<client>  
<!-- ... Add your classes here ... -->  
</client>  
</application>  
</system.runtime.remoting>  
</configuration>
```

Object Dll

```
namespace RemoteObjects  
{  
    [Serializable]  
    public class MyObj : MarshalByRefObject, IRemote  
    {  
  
        public string DispName(string strName)  
        {  
            return "Ur name is " + strName;  
        }  
  
    }  
  
    public interface IRemote  
    {  
        string DispName(string strName);  
  
    }  
  
}
```

I am running client application and server application

My Application throws an error like

System.ArgumentNullException: No message was deserialized prior to calling

the DispatchChannelSink.

Parameter name: requestMsg

at

System.Runtime.Remoting.Channels.DispatchChannelSink.ProcessMessage(IServerChannelSinkStack sinkStack, IMessage requestMsg, ITransportHeaders requestHeaders, Stream requestStream, IMessage& responseMsg, ITransportHeaders& responseHeaders, Stream& responseStream)

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at
System.Runtime.Remoting.Channels.BinaryServerFormatterSink.ProcessMessage(IServerChannelSinkStack, IMessage requestMsg, ITransportHeaders requestHeaders, Stream requestStream, IMessage& responseMsg, ITransportHeaders& responseHeaders, Stream& responseStream)
at
System.Runtime.Remoting.Channels.Http.HttpServerTransportSink.ServiceRequest(Object state)
at System.Runtime.Remoting.Channels.SocketHandler.ProcessRequestNow()

if I include a App.Config in the server side :

Server App.Config

```
<system.runtime.remoting>  
<application>  
<service>  
<activated type="RemoteObjects.MyObj, RemoteObjects" />  
</service>  
</application>  
</system.runtime.remoting>
```

Client application is doesn't throw any error as well as out put ?

Please tell me the way ..

Thanks and Regards

Loyola

"Dave Sexton" wrote:

Hi Loyola,

To specify a host name or I.P. address for a remote object you must do so in the channel object's constructor using the IDictionary of properties.

Here is a list of the properties that are available for each channel:

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<http://msdn2.microsoft.com/en-us/library/kw7c6kwc.aspx>

I believe you want to use the machineName property, but you can't specify an IP address or host name for a machine other than the one that is executing the code.

HTH

"Loyola stalin"

<Loyolastalin@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:3C7BCC0E-FAE3-4F4C-8D10-6FC51F33547B@xxxxxxxxxxxxxxxxxxxx

Hi,

I am trying to store my object in remote system

Like

System.Runtime.Remoting.RemotingServices.Marshal(ob, "///10.31.180.50/SortedSearchable");

And Retrieving like

(IRemote)Activator.GetObject(typeof(IRemote), @"///10.31.180.50:8080/SortedSearchable")

It doesn't work .. But the folowinf working fine ..

System.Runtime.Remoting.RemotingServices.Marshal(ob, "SortedSearchable");

(IRemote)Activator.GetObject(typeof(IRemote), @"http://localhost:8080/SortedSearchable");

Can u just tell me how to set the service in a remote system ?

Thanks and Regards

Loyola

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