WCFBASIC

1. Open Visual Studio 2010🡪New Project🡪Classlibrary—Name it wcfbasicclasslibrary.
2. Add reference to System.ServiceModel.Import namespace.
3. Create one interface called Iservice1.

[ServiceContract]

interface Iservice1

{

[OperationContract]

string Hello(string x);

}

1. Implement that interface.

public class Class1 :Iservice1

{

public string Hello(string x)

{

return ("hello :" + x);

}

}

5.Add new Console Application.Name it Host.Add reference to wcfClasslibrary and System.Servicemodel.

using System.ServiceModel;

using wcfbasicclasslibrary;

6.Add logic to your main method.

ServiceHost h = new ServiceHost(typeof(wcfbasicclasslibrary.Class1));

h.Open();

Console.WriteLine("I am alive");

Console.ReadLine();

h.Close();

7. Add a app.config file to your Host project and build it.Open it with Appconfig editor and do the configuration...

Final config file will be like this....

<?xml version="1.0" encoding="utf-8" ?>

<configuration>

<system.serviceModel>

<behaviors>

<serviceBehaviors>

<behavior name="NewBehavior0">

<serviceMetadata httpGetEnabled="true" />

</behavior>

</serviceBehaviors>

</behaviors>

<services>

<service behaviorConfiguration="NewBehavior0" name="wcfbasicclasslibrary.Class1">

<endpoint address="myaddress" binding="basicHttpBinding" bindingConfiguration=""

contract="wcfbasicclasslibrary.Iservice1" />

<host>

<baseAddresses>

<add baseAddress="http://localhost:5555" />

</baseAddresses>

</host>

</service>

</services>

</system.serviceModel>

</configuration>

8. Add servicereference.Run the Host and then paste the baseaddress on clientapplication and click on go....

9. Write the following code in Main method.

static void Main(string[] args)

{

ServiceReference1.Iservice1Client obj = new ServiceReference1.Iservice1Client();

string x = obj.Hello("Krunal");

Console.WriteLine(x);

Console.ReadKey();

}

10. Run your solution.