

LogisticaTRUCKServer- I 距離計算 DLL ソケット通信 C#サンプルプログラム

(C:\Igs\DLL\SampleProgram\IgsTrkSvr1NETSample02\IgsTrkSvr1NETSample02.sln)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Net;
using System.Net.Sockets;
namespace CSSocketSample01
{
    class Program
    {
        public static void StartClient()
        {
            byte[] bytes = new byte[1024];
            try
            {
                string hostname = "192.168.11.21";
                IPEndPoint ipHostInfo = Dns.GetHostEntry(hostname);
                IPAddress ipAddress = ipHostInfo.AddressList[0];
                IPEndPoint remoteEP = new IPEndPoint(ipAddress, 44965);
                Socket sender = new Socket(AddressFamily.InterNetwork,
                    SocketType.Stream, ProtocolType.Tcp);

                try
                {
                    sender.Connect(remoteEP);
                    Console.WriteLine("Socket connected to {0}",
                        sender.RemoteEndPoint.ToString());
                    Encoding sjisEnc = Encoding.GetEncoding("Shift_JIS");
                    string strCom = "1,東京都千代田区大手町1-1-1,大阪市北区中之島1-1-2,H02K 4000 - 0.0 500 1";
                    byte[] msg = sjisEnc.GetBytes(strCom);
                    int bytesSent = sender.Send(msg);
                    Console.WriteLine("送信 = {0}", sjisEnc.GetString(msg, 0, bytesSent));
                    int bytesRec = sender.Receive(bytes);
                    Console.WriteLine("受信 = {0}", sjisEnc.GetString(bytes, 0, bytesRec));
                    sender.Shutdown(SocketShutdown.Both);
                    sender.Close();
                }
                catch (ArgumentNullException ane)
                {
                    Console.WriteLine("ArgumentNullException : {0}", ane.ToString());
                }
                catch (SocketException se)
                {
                    Console.WriteLine("SocketException : {0}", se.ToString());
                }
                catch (Exception e)
                {
                    Console.WriteLine("Unexpected exception : {0}", e.ToString());
                }
            }
            catch (Exception e)
            {
                Console.WriteLine(e.ToString());
            }
        }
    }
}
```

```
static void Main(string[] args)
{
    StartClient();
    string str = Console.ReadLine();
}
}
```

