

Esempi di codice

Python

```
# Tecnoteam (SC) 2022.07.15
#
# Ver 1.0.1.1 - 2022.07.15
#   First version based on Ethernet_Specola 1.0.1
#

import socket

HOST = "192.168.250.1" # The server's hostname or IP address - Omron default IP:
192.168.250.1
PORT = 9630          # The port used by the server - Tecnoteam default port: 9630

with socket.socket(socket.AF_INET, socket.SOCK_STREAM) as s:
    print(f"Connecting to {HOST} on port {PORT} ... ", end="")
    s.connect((HOST, PORT))
    print("OK")
    while True:
        value = input("Insert string to send ('quit' to exit): ")
        if value == "quit" or len(value) == 0:
            break
        s.send(str.encode(value))
        data = s.recv(1024).decode("utf-8")
        data = data.replace(b'\x06'.decode("utf-8"), '[ACK]').replace(b'\x15'.decode("utf-8"),
'[NAK]')
        print(f"Received: {data}")
```

Powershell 5.1

```

# Tecnoteam ( SC) 2022.07.14
#
# Ver 1.0.1.1 - 2022.07.14
#   First version based on Ethernet_Specola 1.0.1

param( [string] $remoteHost = "192.168.250.1", [int] $port = 9630 )

try
{
    Write-Host "Connecting to $remoteHost on port $port ... " -NoNewLine
    try
    {
        $socket = New-Object System.Net.Sockets.TcpClient( $remoteHost, $port )
        Write-Host -ForegroundColor Green "OK"
    }
    catch
    {
        Write-Host -ForegroundColor Red "failed"
        exit -1
    }

    $ack = [char] 0x06
    $nak = [char] 0x15

    $stream = $socket.GetStream( )
    $writer = New-Object System.IO.StreamWriter( $stream )
    $buffer = New-Object System.Byte[] 1024
    $encoding = New-Object System.Text.AsciiEncoding

    while( $socket.Connected )
    {
        Start-Sleep -m 500
        while( $stream.DataAvailable )
        {
            $read = $stream.Read( $buffer, 0, 1024 )
            Write-Host -NoNewline "Received: "
            Write-Host -ForegroundColor Yellow ((( $encoding.GetString( $buffer, 0, $read )) -replace $ack
, "[ACK]") -replace $nak , "[NAK]" )
        }

        Write-Host -NoNewline "Insert string to send ('quit' to exit): "
        $command = Read-Host
        if ( $command -eq "quit" ) {

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        break
    }

    writer.WriteLine( $command )
    writer.Flush( )
}

finally
{
    if( $writer ) { writer.Close( ) }
    if( $stream ) { $stream.Close( ) }
}
```

Versione #3

Creato 18 July 2022 10:50:11 da Stefano Cadenazzi

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