

# WEBSOCKETSVR 가

Last update: 2023/11/15

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# WEBSOCKETSVR 가

Web Socket

WebSocket                      xFrame5                      /HTML5/COMPONENT/WEBSOCKET/websocket

WebSocket                      HTML                      /template/XPLUS/websocket  
websocket\_client.html

: /HTML5/COMPONENT/TCPCOMM/websocketsvr\_basic

- [websocketsvr\\_basic.xml](#)
- [websocketsvr\\_basic.js](#)
- [websocketsvr\\_basic.css](#)

```
function btnInitXSvrComm_on_mouseup(objInst)
{
    //
    wssvr01.init();
}

function btnStartXSvrComm_on_mouseup(objInst)
{
    //
    wssvr01.open();
}

function btnStopXSvrComm_on_mouseup(objInst)
{
    //
    wssvr01.close();

    grdSessionList.deleteall();
}

function btnCloseSession_on_mouseup(objInst)
```

```
{
    var nRet, nCheckedRowCount, nCheckedRow, strRemoteIpAddr,
    strRemotePortNo;

    nCheckedRowCount = grdSessionList.getcheckedrowcount();
    if (nCheckedRowCount == 0) {
        screen.alert("
                .");
        return;
    }

    nCheckedRow = grdSessionList.getcheckedrow(0);
    strRemoteIpAddr = grdSessionList.getitemtext(nCheckedRow, 0);
    strRemotePortNo = grdSessionList.getitemtext(nCheckedRow, 1);

    //
    wssvr01.closesession(strRemoteIpAddr, strRemotePortNo);
}

function btnSendData_on_mouseup(objInst)
{
    var nRet, nCheckedRowCount, nCheckedRow, strRemoteIpAddr, nRemotePortNo,
    strSocketKey, strSendData;

    nCheckedRowCount = grdSessionList.getcheckedrowcount();
    if (nCheckedRowCount == 0) {
        screen.alert("
                .");
        return;
    }

    nCheckedRow = grdSessionList.getcheckedrow(0);
    strRemoteIpAddr = grdSessionList.getitemtext(nCheckedRow, 0);
    nRemotePortNo = grdSessionList.getitemtext(nCheckedRow, 1);
    strSocketKey = grdSessionList.getitemtext(nCheckedRow, 2);

    strSendData = fldSendData.gettext();

    //
    wssvr01.send(strRemoteIpAddr, nRemotePortNo, strSendData);
}

function btnSendPing_on_mouseup(objInst)
{
    var nRet, nCheckedRowCount, nCheckedRow, strRemoteIpAddr, nRemotePortNo,
    strSocketKey, strSendData;

    nCheckedRowCount = grdSessionList.getcheckedrowcount();
    if (nCheckedRowCount == 0) {
        screen.alert("
                .");
        return;
    }
}
```

```
nCheckedRow = grdSessionList.getcheckedrow(0);
strRemoteIpAddr = grdSessionList.getitemtext(nCheckedRow, 0);
nRemotePortNo = grdSessionList.getitemtext(nCheckedRow, 1);
strSocketKey = grdSessionList.getitemtext(nCheckedRow, 2);

strSendData = fldSendData.gettext();

// PING
wssvr01.sendping(strRemoteIpAddr, nRemotePortNo);
}

function btnClearData_on_mouseup(objInst)
{
    //
    fldRecvIpAddr.settext("");
    fldRecvPortNo.settext("");
    fldRecvDataLength.settext("");
    fldRecvData.settext("");
}

function btnGetSessionCount_on_mouseup(objInst)
{
    //
    screen.alert(wssvr01.getsessioncount());
}

////////////////////////////////////
////////////////////////////////////
// EVENT
////////////////////////////////////
////////////////////////////////////

/**
 *
 * @param objInst
 */
function wssvr01_on_init(objInst)
{
    factory.consoleprint(objInst.getname() + "_on_init>");
    console.log(objInst.getname() + "_on_init>");
}

/**
 *
 * @param objInst
 * @param strRemoteIP          IP
 * @param nRemotePort
 * @param strSocketKey
 */
function wssvr01_on_open(objInst, strRemoteIP, nRemotePort, strSocketKey)
{
    var nRow;
```

```
factory.consoleprint("OnConnect> strRemoteIP = " + strRemoteIP);
factory.consoleprint("OnConnect> nRemotePort = " + nRemotePort);
factory.consoleprint("OnConnect> strSocketKey = " + strSocketKey);

nRow = grdSessionList.additem();
grdSessionList.setitemtext(nRow, 0, strRemoteIP);
grdSessionList.setitemtext(nRow, 1, nRemotePort);
grdSessionList.setitemtext(nRow, 2, strSocketKey);
}

/**
 *
 * @param objInst
 * @param strRemoteIP          IP
 * @param nRemotePort
 * @param strSocketKey
 * @param nDataLen
 * @param strData
 */
function wssvr01_on_recv(objInst, strRemoteIP, nRemotePort, strSocketKey,
nDataLen, strData)
{
    factory.consoleprint("on_recv> strRemoteIP = " + strRemoteIP);
    factory.consoleprint("on_recv> nRemotePort = " + nRemotePort);
    factory.consoleprint("on_recv> strSocketKey = " + strSocketKey);
    factory.consoleprint("on_recv> nDataLen = " + nDataLen);
    factory.consoleprint("on_recv> strData = " + strData);

    fldRecvIpAddr.settext(strRemoteIP);
    fldRecvPortNo.settext(nRemotePort);
    fldRecvDataLength.settext(nDataLen);
    fldRecvData.settext(strData);

    // ECHO
    if (chkEchoMode.getcheck()) {
        wssvr01.send(strRemoteIP, nRemotePort, strData);
    }
}

/**
 *
 * @param objInst
 * @param strRemoteIP          IP
 * @param nRemotePort
 * @param strSocketKey
 */
function wssvr01_on_close(objInst, strRemoteIP, nRemotePort, strSocketKey)
{
    var i, nRowCount;

    factory.consoleprint("OnClose> strRemoteIP = " + strRemoteIP);
```

```
factory.consoleprint("OnClose> nRemotePort = " + nRemotePort);
factory.consoleprint("OnClose> strSocketKey = " + strSocketKey);

nRowCount = grdSessionList.getrowcount();
for (i = 0; i < nRowCount; i++) {
    if (grdSessionList.getitemtext(i, 0) == strRemoteIP) {
        if (grdSessionList.getitemtext(i, 1) == nRemotePort) {
            grdSessionList.deleterow(i);
            break;
        }
    }
}

/**
 *
 * @param objInst
 * @param nErrorCode
 * @param strErrorMsg
 */
function wssvr01_on_error(objInst, nErrorCode, strErrorMsg)
{
    screen.alert(objInst.getname() + "_on_error : " + nErrorCode + ", " +
strErrorMsg);
}
```

From:  
<https://technet.softbase.co.kr/wiki/> - **xFrame5 TechNet**

Permanent link:  
[https://technet.softbase.co.kr/wiki/guide/component/websocketsvr/websocketsvr\\_basic](https://technet.softbase.co.kr/wiki/guide/component/websocketsvr/websocketsvr_basic) 

Last update: **2023/11/15 18:10**