

# Initialize the J1708 Datalink

This example demonstrates initialization of the J1708 Datalink to 9600 baud.

```
#include <windows.h>
#include "datalink.h"

void DisplayInitDataLink (void)
{
    InitDataLinkType InitDataLinkData;
    ReturnStatusType InitDataLinkStatus;

    /* send Init DataLink command */
    memset(&InitDataLinkData, 0, sizeof(InitDataLinkType));
    InitDataLinkData.bProtocol = eJ1708;
    InitDataLinkData.bParam0 = 0x00;
    InitDataLinkData.pfDataLinkError = NULL;
    InitDataLinkData.pfTransmitVector = NULL;
    InitDataLinkData.pfReceiveVector = NULL;
    InitDataLinkStatus = InitDataLink(&InitDataLinkData);

    /* process returned status */
    switch (InitDataLinkStatus)
    {
        case eNoError:
        {
            MessageBox (NULL,
                "DataLink successfully initialized",
                "InitDataLink", MB_OK);
            break;
        }
        case eDeviceTimeout:
        {
            MessageBox (NULL,
                "DataLink not responding",
                "InitDataLink", MB_OK);
            break;
        }
        case eProtocolNotSupported:
        {
            MessageBox (NULL,
                "Requested protocol not supported",
                "InitDataLink", MB_OK);
            break;
        }
        case eSyncCommandNotAllowed:
        {
            MessageBox (NULL,
                "Cannot call from within a callback (ISR) routine",
                "InitDataLink", MB_OK);
            break;
        }
    }
}
```

}

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