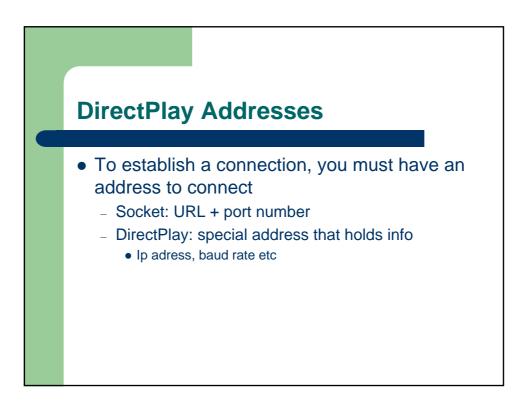
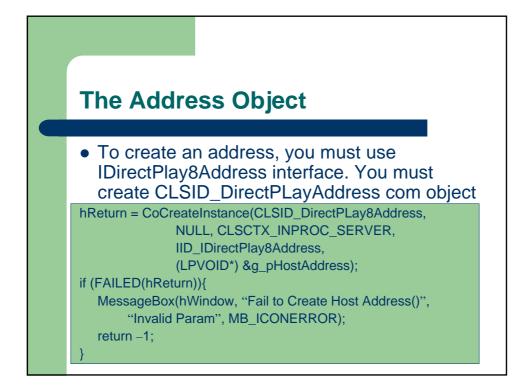
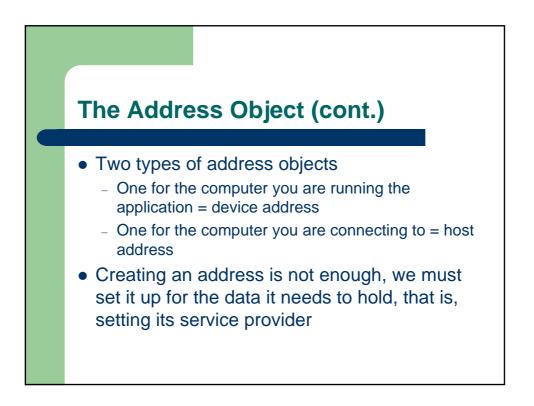


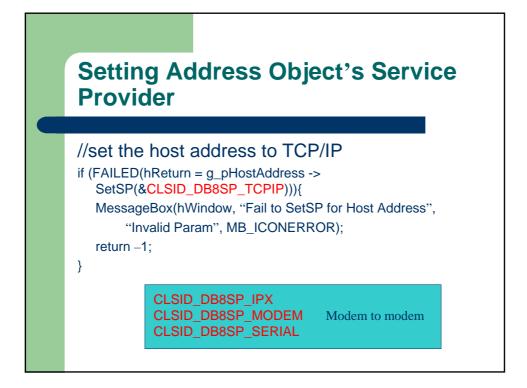
Server Hosting

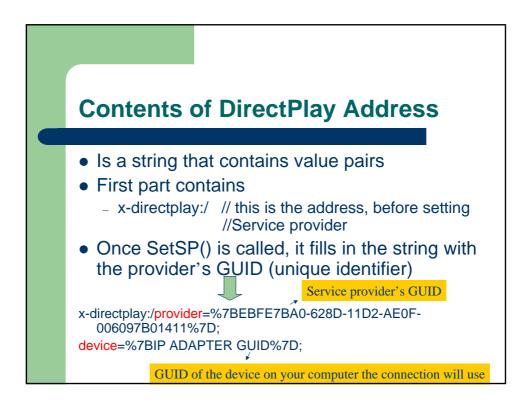
- Usually, server is a stand-alone console application
- No graphics
 - Allows a player to host a game and play it on the same machine (without too much resource wasted in graphics)
- Server needs to set up port for players to connect
 - If you are behind a firewall, you need to open up some ports
 - Once you decide which port to use, call the host function of DirectPlay

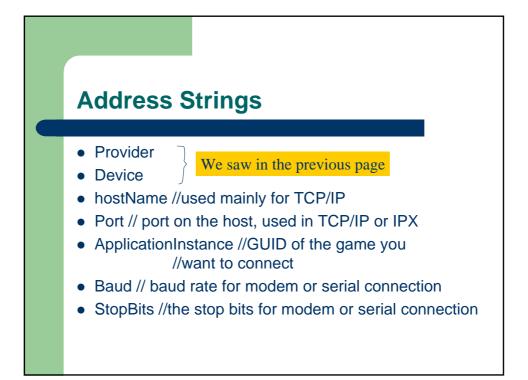


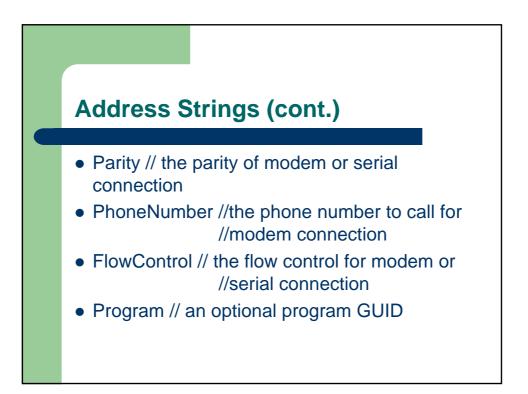


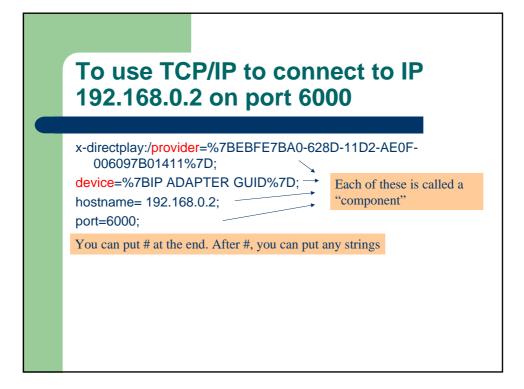


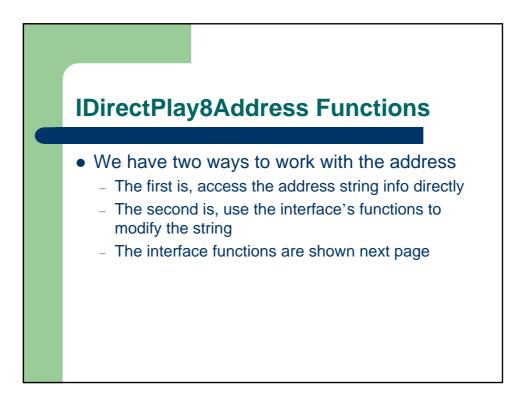






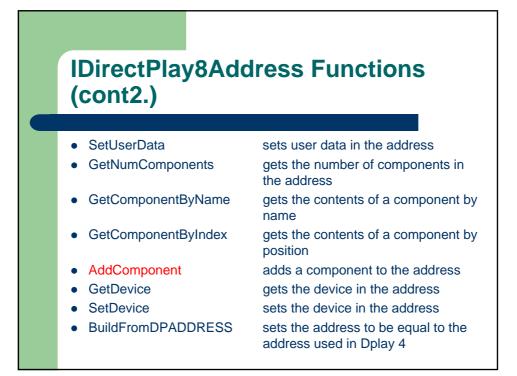






IDirectPlay8Address Functions (cont.)

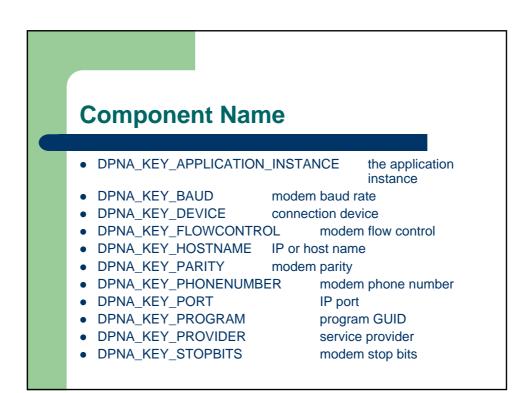
- BuildFromURLW buillds a Dplay address from a wide string
- BuildFromURLA buillds a Dplay address from a string
- Duplicate Duplicates the Dplay address
- SetEqual Sets the address to be equal to another address
- IsEqual checks whether two addresses are equal
- Clear clears out the address string
- GetURLW retrieves the address in wide string format
- GetURLA retrieves the address in string format
- GetSP retrieves the service provider GUID from the address
- GetUserData retrieves any user-specified data
- SetSP sets the service provider GUID in the address

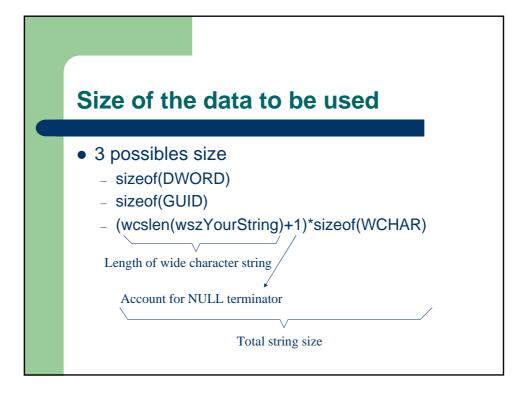


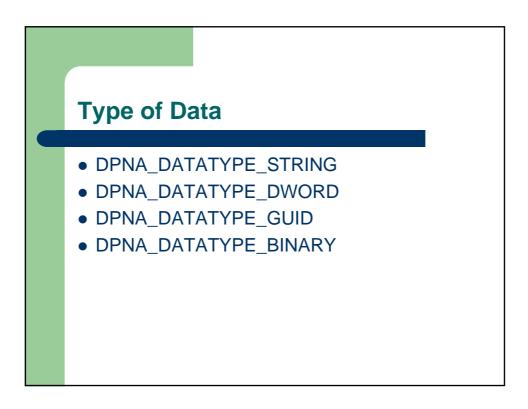
AddComponent()

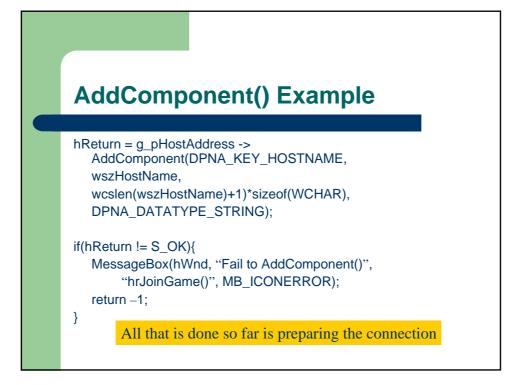
)

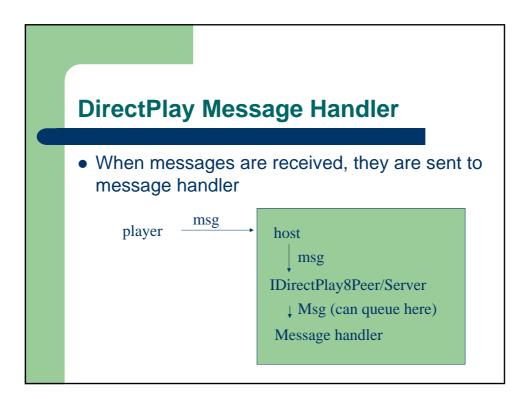
HRESULT AddComponent(พวกตัวแดงนี่เดี๋ยวมือธิบายเพิ่ม const WCHAR *const pwszName, // component name const void *const lpvData, //data to be used const DWORD dwDataSize, //size of the data to be used const DWORD dwDataType //type of data of which this //component consists

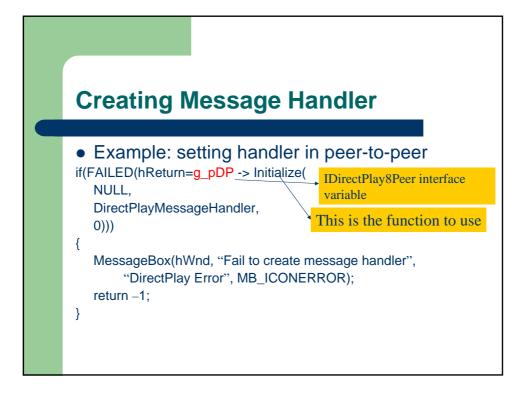


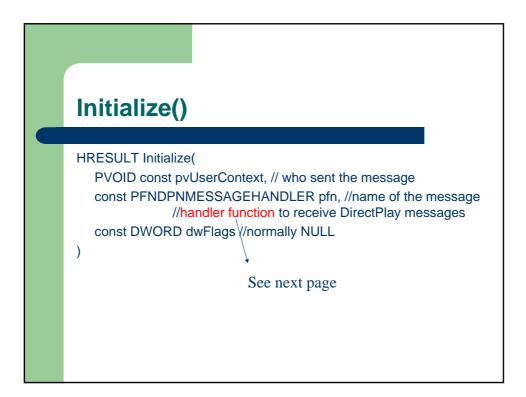


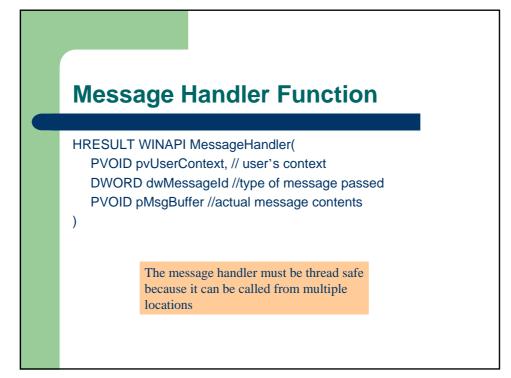


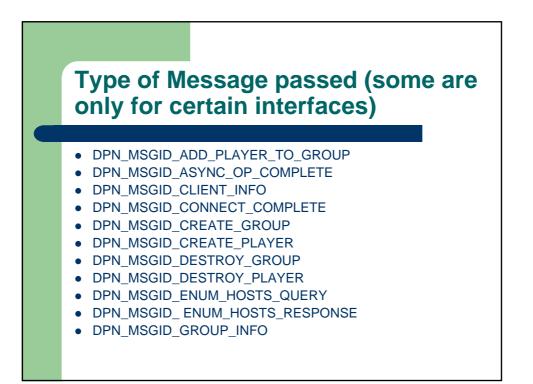


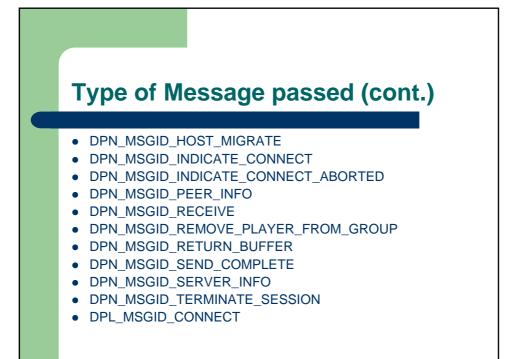


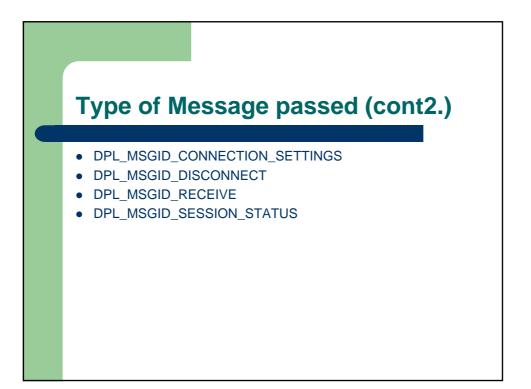


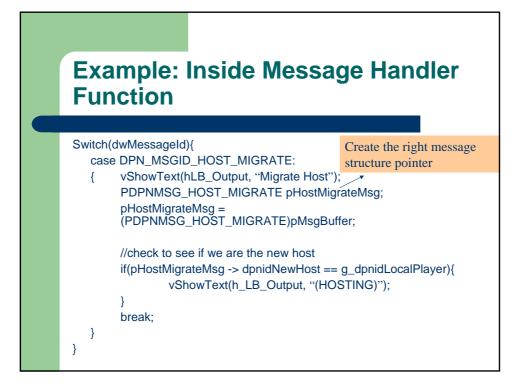


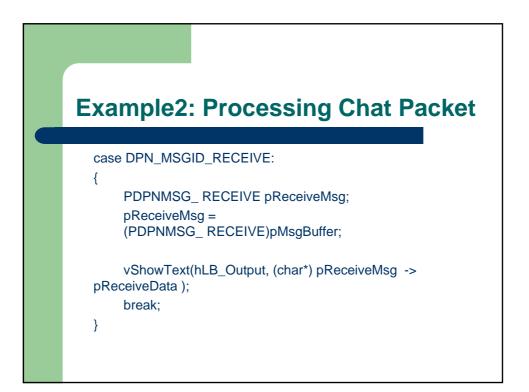




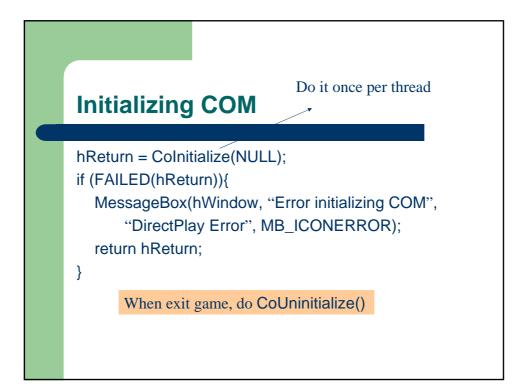


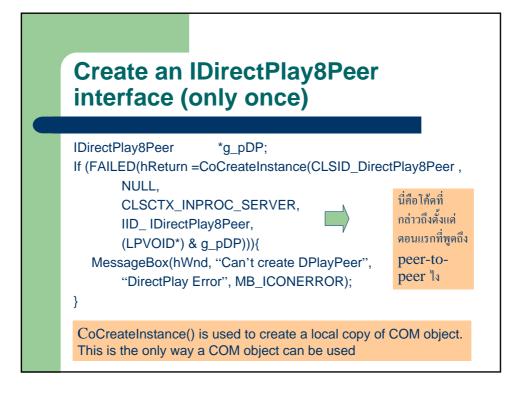


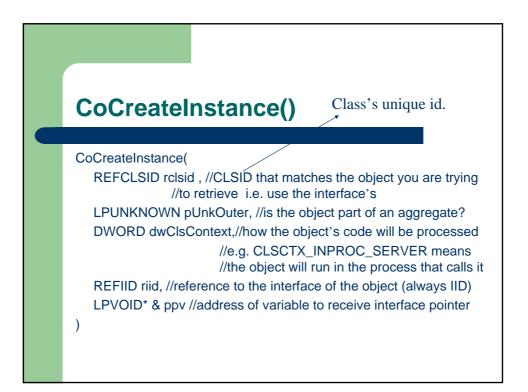


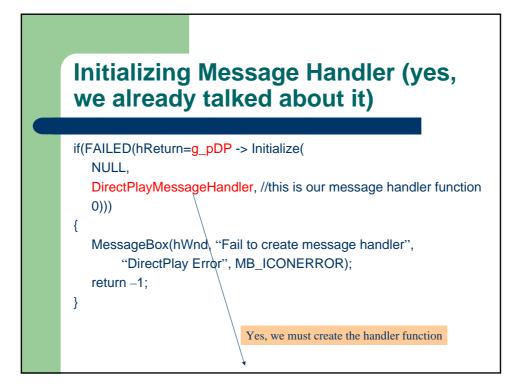


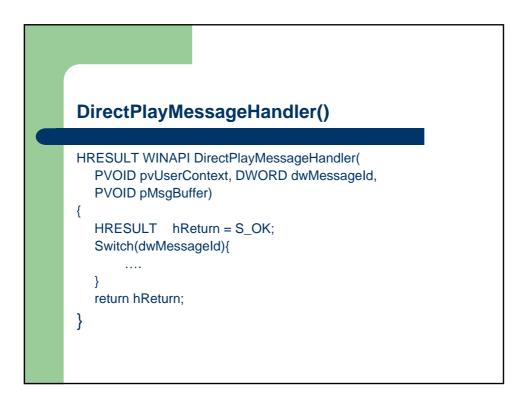


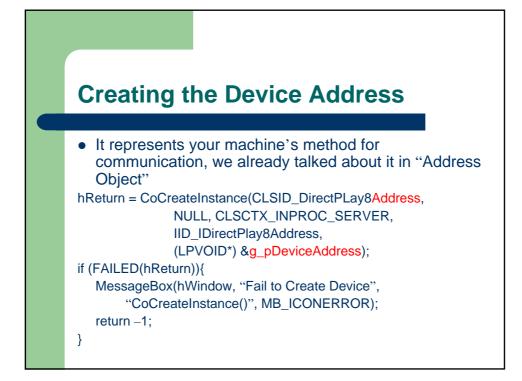




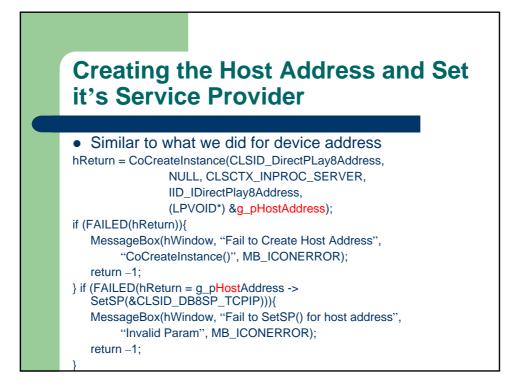


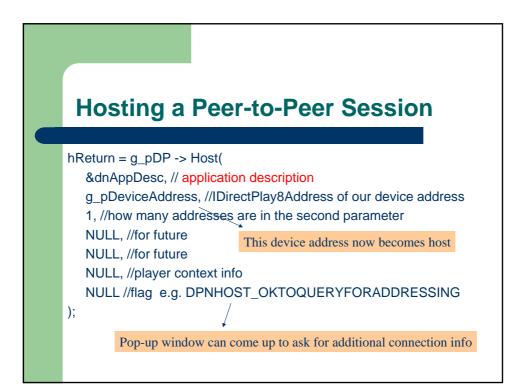




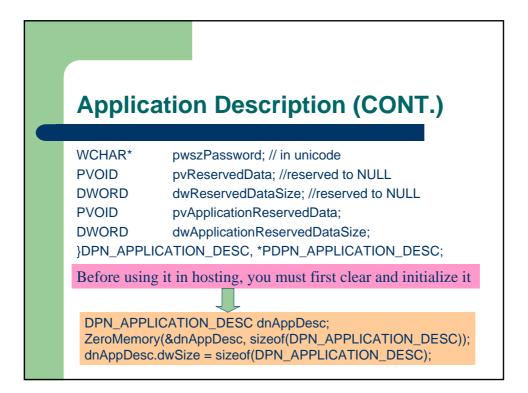


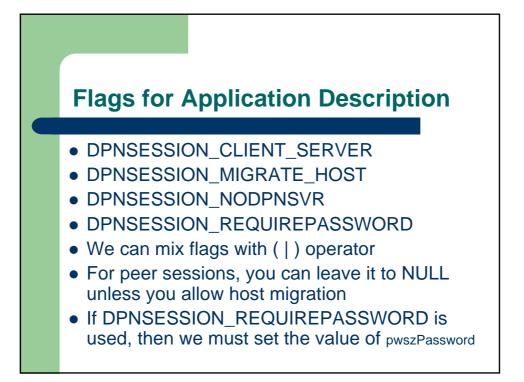


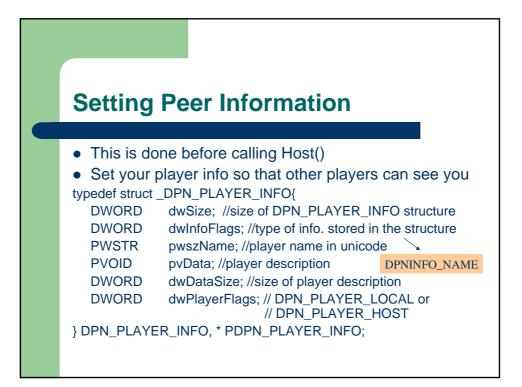




Application Description	
 Is a struct DWORD DWORD GUID GUID DWORD DWORD WORD WWORD WWORD 	cture _DPN_APPLICATION_DESC{ dwSize; // size of DPN_APPLICATION_DESC structure dwFlags; guidInstance; //GUID for the instance of the app. guidApplication; dwMaxPlayers; // if 0, infinite players can join dwCurrentPlayers; //only filled when we use

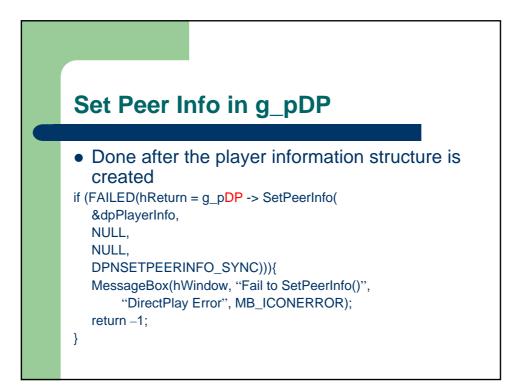


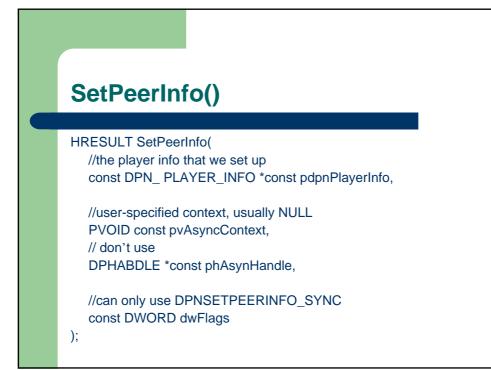


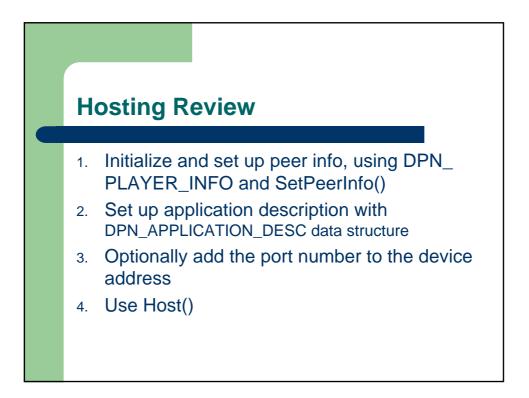




Before using it, you must first clear and initialize it //create local player info DPN_PLAYER_INFO dpPlayerInfo; //clear out the structure ZeroMemory(& dpPlayerInfo, sizeof(DPN_ PLAYER_INFO)); //set the size dpPlayerInfo.dwSize = sizeof(DPN_ PLAYER_INFO); //this structure contains the player name dpPlayerInfo.dwInfoFlags = DPNINFO_NAME; //set the name dpPlayerInfo. pwszName = wszPeerName;









- 1. <u>Set up peer info //</u>เหมือนเดิมเลย
- 2. Set up application description
 - Create the description and load it with the size and GUID for the application

ZeroMemory(&dpnAppDesc, sizeof(DPN_APPLICATION_DESC)); dpnAppDesc.dwSize = sizeof(DPN_APPLICATION_DESC); dpnAppDesc.guidApplication = DP_CHAT;

- 3. Set the host name and optional port number
 - Use AddComPonent()

The code for this is in the next page

