

BT Application Development

Microsoft Resources

Best Practices for Creating BT Applications

<http://msdn2.microsoft.com/en-us/library/bb416235.aspx>

Microsoft BT Components

<http://msdn2.microsoft.com/en-us/library/ms847081.aspx>

BT Application Development Reference

<http://msdn2.microsoft.com/en-us/library/aa916530.aspx>

Discover Bluetooth Devices

<http://msdn2.microsoft.com/en-us/library/aa916165.aspx>

Querying Service Capability on Remote BT Devices

<http://msdn2.microsoft.com/en-us/library/aa916577.aspx>

Create a Connection to a BT Device Using Winsock

<http://msdn2.microsoft.com/en-us/library/aa916259.aspx>

Set Socket Options

<http://msdn2.microsoft.com/en-us/library/aa915899.aspx>

Create a Connection to a BT Device Using a Virtual COM Port

<http://msdn2.microsoft.com/en-us/library/aa915916.aspx>

"Microsoft recommends that you use Winsock APIs to create connections."

Request BT notifications

<http://msdn2.microsoft.com/en-us/library/ms894776.aspx>

Winsock BT Extension Reference

<http://msdn2.microsoft.com/en-us/library/aa915878.aspx>

BT OS Reference(Non-Winsock functions)

<http://msdn2.microsoft.com/en-us/library/aa916843.aspx>

"The functions that you can use when developing your Bluetooth OS design are exported from Btdrt.dll, and are provided to help you develop either a shell or dedicated application functionality in the absence of a WinSock layer. You can call these functions from an application other than the Bluetooth stack layer, in device.exe. Most of these functions have an equivalent WinSock function, which is the preferred way to access Bluetooth functionality because of convenience and code portability within the Win32 family. The following table shows the functions that you can use when developing your Bluetooth OS design."

Miscellaneous Resources

Get Familiar: Microsoft Bluetooth Stack on Windows Mobile(3 Page Tutorial Winsock)

<http://www.developer.com/ws/other/article.php/3640576>

Windows Embedded Source Tools for Bluetooth(Managed Code)

<http://channel9.msdn.com/wiki/default.aspx/Channel9.BluetoothDevelopment>

This appears to be a wrapper for some of the Winsock functions. There is not a lot of documentation here, but this API can be used to connect to a device that has already been paired. The different tutorials that have been posted show how to use the API. It is written in managed code. It is linked to from MSDN here: <http://msdn2.microsoft.com/en-us/library/bb416233.aspx>

32Feet.NET Project at CodePlex

<http://www.codeplex.com/32feet>