InterBase Installation Dialog Box

The InterBase Installation dialog box appears when you install the Local InterBase Server (LIBS).

Use this dialog box for either of the following purposes:

- To install a network protocol that your workstation does not currently use to communicate with LIBS.
- To upgrade the network protocol DLLs that your workstation uses to communicate with LIBS.

Because the NetBEUI/Named Pipes protocal requires no additional setup, this selection is always checked. However, you do not have to use NetBEUI/Named Pipes as your network protocol.

To continue using an existing TCP/IP protocol,

1. Make sure WINSOCK.DLL is in your path.

2. Edit the SERVICES file to provide the following entry:

```
gds_db   3050/tcp
```

3. Leave TCP/IP unchecked and choose Continue.

To continue using an existing SPX/IPX or NetBEUI/Named Pipes protocol,

- Leave SPX/IPX unchecked and choose Continue.

To upgrade or install a new network protocol,

- Check the protocol you want to install and choose Continue.

Choosing a Network Protocol

The Installation program lets you choose from the network protocols described in the following sections.

NetBEUI/Named Pipes

LIBS automatically supports the NetBEUI/Named Pipes protocols. If you use NetBEUI/Named Pipes, you do not need to specify additional protocol configuration options; however, you may receive better performance if you choose SPX/IPX or TCP/IP.

Your client must use one of the following operating systems to work with NetBEUI/Named Pipes:

- Windows NT
- Windows 3.11 or greater

SPX/IPX

If you are connecting to a Novell NetWare server, you can choose SPX/IPX as your network protocol.

SPX/IPX does not require you to specify additional protocol configuration options.

SPX/IPX provides better performance than NetBEUI/Named Pipes, but less optimal performance than TCP/IP.

TCP/IP

The TCP/IP protocol provides the following advantages:

- It enables you to connect any type of InterBase server with any type of client.
- It provides better performance than either SPX/IPX or NetBEUI/Named Pipes.

However, if you choose TCP/IP you must specify additional protocol configuration options after the installation completes. See your server documentation for additional information.

TCP/IP Selection Dialog Box

Use the TCP/IP Selection dialog box to specify the TCP/IP product your workstation uses to communicate with your server.

This dialog box appears when you choose TCP/IP as your network protocol, and one of the following situations occurs:

- The installation program does not find an existing Winsock driver.
- The installation program finds an existing Winsock driver, but you choose to rename it and install a new Winsock driver.

The installation program renames an existing Winsock driver to WINSOCK.BOR. To restore your Winsock driver, copy WINSOCK.BOR to WINSOCK.DLL.

To complete the Network Installation dialog box,

1. Select the TCP/IP product you are using from the scrolling list.

2. Choose Continue.

TCP/IP SERVICES File Dialog Box

Use the TCP/IP SERVICES File dialog box to specify the location and name of your TCP/IP SERVICES file, so the Installation program can enter a service identifier.

This dialog box appears when you choose to upgrade or install TCP/IP as your network protocol.

The SERVICES file is an ASCII file that contains the names of the available services on the network, and defines how those services are mapped to the TCP/IP port number to which they are attached.

If you do not know the location of your TCP/IP SERVICES file, you can choose Skip and manually edit the SERVICES file after the installation completes. You must specify a service identifier, or the Local InterBase Server will not work properly.

To let the Installation program specify a service identifier,
1. Enter the drive name, path, and file name of the SERVICES file.

   The location of this file depends on the particular networking software being used.

2. Choose Continue.

   The installation program inserts the service identifier (gds_db   3050/tcp) in the SERVICES file.

To manually specify a service identifier,
1. Do not enter a path or file name in the edit box.

2. Choose Skip.

3. After the Installation program completes, edit the TCP/IP SERVICES file and enter the following line:

   `gds_db    3050/tcp`
   In this entry, gds_db is the name of the server process used by InterBase, 3050 is the port number, and TCP is the protocol used.

WINSOCK.DLL Information Dialog Box

The Winsock Information dialog box appears when the Installation program finds a valid TCP/IP Winsock driver (WINSOCK.DLL) on your system.

Use the Winsock Rename dialog box to specify one of the following:

- Do not install a new WINSOCK.DLL.
  Because the Local InterBase Server can use the Winsock driver that is currently on your system, you should not install another version unless you have a specific reason.
- Rename your existing WINSOCK.DLL and install a new version.

To use your existing Winsock driver,
▶ Choose Skip.

To install a new Winsock driver,
▶ Choose Rename.
  The installation program renames your existing Winsock driver to WINSOCK.BOR and installs the Borland InterBase (JSB) Winsock driver.

WINSOCK.DLL Information Dialog Box

The Winsock Information dialog box appears when the Installation program finds an invalid TCP/IP Winsock driver (WINSOCK.DLL) on your system.

Use the Winsock Rename dialog box to specify one of the following:

- Rename your existing WINSOCK.DLL and install a new version.
  Because the Local InterBase Server cannot use the Winsock driver that is currently on your system, you should install another version unless you have a specific reason.
- Do not install a new WINSOCK.DLL.
  If you are using a TCP/IP product that is fully Winsock 1.1 compliant and has its own Winsock driver, you can use your existing Winsock driver. Otherwise, you should rename the existing Winsock driver and install the InterBase (JSB) Winsock driver.

To install a new Winsock driver,
- Choose Rename.
  The installation program renames your existing Winsock driver to WINSOCK.BOR and installs the Borland InterBase (JSB) Winsock driver.

To use your existing Winsock driver,
- Choose Skip.

GDS.DLL Rename Dialog Box

The GDS.DLL Rename dialog box appears when the Installation program finds a previously installed version of the InterBase dynamic link library GDS.DLL.

Use the GDS.DLL Rename dialog box to specify one of the following:

- Rename your existing GDS.DLL and install a new version.
  You should install a new GDS.DLL so Windows Client applications can use the newer version. Because the new GDS.DLL is compatible with previous versions, existing applications continue to work.
- Do not install a new GDS.DLL.

To install a new GDS.DLL,

▸ Choose Rename.
  The installation program renames your existing GDS.DLL to GDS.BOR and installs the newer version.

To use your existing GDS.DLL,

▸ Choose Skip.

REMOTE.DLL Rename Dialog Box

The REMOTE.DLL Rename dialog box appears when the Installation program finds a previously installed version of the InterBase dynamic link library REMOTE.DLL.

Use the REMOTE.DLL Rename dialog box to specify one of the following:

- Rename your existing REMOTE.DLL and install a new version.
  You should install a new REMOTE.DLL so Windows Client applications can use the newer version. Because the new REMOTE.DLL is compatible with previous versions, existing applications continue to work.
- Do not install a new REMOTE.DLL.

To install a new REMOTE.DLL,

▶ Choose Rename.
  The installation program renames your existing REMOTE.DLL to REMOTE.BOR and installs the newer version.

To use your existing REMOTE.DLL,

▶ Choose Skip.

IUTLS.DLL Rename Dialog Box

The IUTLS.DLL Rename dialog box appears when the Installation program finds a previously installed version of the dynamic link library IUTLS.DLL.

Use the IUTLS.DLL Rename dialog box to specify one of the following:

- Rename your existing IUTLS.DLL and install a new version.
  You should install a new IUTLS.DLL so Windows Client applications can use the newer version. Because the new IUTLS.DLL is compatible with previous versions, existing applications continue to work.
- Do not install a new IUTLS.DLL.

To install a new IUTLS.DLL,

▶   Choose Rename.
     The installation program renames your existing IUTLS.DLL to IUTLS.BOR and installs the newer version.

To use your existing IUTLS.DLL,

▶   Choose Skip.

DSQL.DLL Rename Dialog Box

The DSQL.DLL Rename dialog box appears when the Installation program finds a previously installed version of the dynamic link library DSQL.DLL.

Use the DSQL.DLL Rename dialog box to specify one of the following:

▶ Rename your existing DSQL.DLL and install a new version.

You should install a new DSQL.DLL so Windows Client applications can use the newer version. Because the new DSQL.DLL is compatible with previous versions, existing applications continue to work.

▶ Do not install a new DSQL.DLL.

To install a new DSQL.DLL,

▶ Choose Rename.

The installation program renames your existing DSQL.DLL to DSQL.BOR and installs the newer version.

To use your existing DSQL.DLL,

▶ Choose Skip.