

# Installing the Natural Web I/O Interface Client on Microsoft Internet Information Services (IIS)

If you want to use the Natural Web I/O Interface client with Microsoft Internet Information Services (IIS), you must proceed as described in this chapter. The following topics are covered:

- Installation Steps
  - Installation Verification
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## Installation Steps

The descriptions below apply when working with Windows XP. The procedure may be slightly different when working with a different Windows version.

The following topics are covered below:

- First-time Installation
- Update Installation

### First-time Installation

#### To install the Natural Web I/O Interface client

1. Download the Natural Web I/O Interface client for IIS from Empower (<https://empower.softwareag.com/>) and unzip the contents to a directory of your choice on your hard disk.

Or:

Natural for UNIX, Natural for OpenVMS and Natural for Windows: Copy the complete contents of the `nwo/windows/iis/v<nnnn>` directory from the installation medium to a directory of your choice on your hard disk.

2. Open the Control Panel and choose **Administrative Tools > Internet Information Services**.
3. In the resulting window, expand the node with the name of your computer in the tree and select the node **Web Sites > Default Web Site**.
4. Open the context menu and choose **New > Virtual Directory**.

Or:

From the **Action** menu, choose **New > Virtual Directory**.

A wizard for creating a new virtual directory appears.

5. Choose the **Next** button to proceed to the next page of the wizard.
6. Enter an alias name for the virtual directory (for example, "Natural") and choose the **Next** button.

**Important:**

If you want to use the Natural Execution and Debugging plug-in for Eclipse, the alias name for the virtual directory must be "Natural".

7. Enter the path to the directory which contains the files you have copied to your hard disk and choose the **Next** button.
8. Leave the access permissions with the default values (that is: **Read** and **Run script** are selected) and choose the **Next** button.
9. Choose the **Finish** button.

The virtual directory is now created on the IIS server.

10. Select the name of the new virtual directory in the tree.
11. Open the context menu and choose **Properties**.

Or:

From the **Action** menu, choose **New > Properties**.

12. In the resulting dialog box, choose the **ASP.NET** page. Select the ASP.NET version. It has to be at least 2.0.50727 (the release version of ASP.NET 2.0). Choose the **OK** button to close the dialog box.

## Update Installation

### To update the Natural Web I/O Interface client

1. On your hard disk, create a new directory for the update version that you want to install.
2. Download the Natural Web I/O Interface client for IIS from Empower (<https://empower.softwareag.com/>) and unzip the contents to the new directory.

Or:

Natural for UNIX, Natural for OpenVMS and Natural for Windows: Copy the complete contents of the *nwo/windows/iis/v<nnnn>* directory from the installation medium to a directory of your choice on your hard disk.

3. Open the Control Panel and choose **Administrative Tools > Internet Information Services**.
4. Open the properties for the existing virtual directory (for example, "Natural"). On the **Virtual Directory** page, change the path so that it points to the new directory which contains the update version.
5. Copy your *settings.xml* file from the directory which contains the previous version to the new directory (the *settings.xml* file is located in the root of your installation directory). If you have changed any other files (such as style sheets), also copy these files to the new directory.

## Installation Verification

It is assumed that *http://<host>:<port>* is the URL of your web server.

### To verify the installation

1. When you have defined the alias name "Natural" in the IIS (see above), you can start the Natural Web I/O Interface client in the browser using the following URL:

Enter the following URL in your web browser:

```
http://<host>:<port>/Natural/Default.aspx
```

For example:

```
http://myhost:8080/Natural/Default.aspx
```

The Natural Web I/O Interface client is now started in your browser. The entries which appear in the resulting logon page depend on the settings in your configuration file. For further information, see *Configuring the Client*.