

# Prerequisites

The following topics are covered below:

- Application Server or Web Server
  - Apache Ant
  - Natural for Mainframes
  - Natural for UNIX
  - Natural for OpenVMS
  - Natural for Windows
  - Browser Prerequisites
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## Application Server or Web Server

The following application/web servers are supported. The application/web servers are not delivered with the Natural Web I/O Interface.

- **J2EE Server**  
The following application servers are supported.
  - **Sun Java System Application Server 8.1, 8.2 and 9.1**  
This can be downloaded from <http://www.sun.com/>.
  - **JBoss Application Server 4.0.5 and 4.2.2**  
This can be downloaded from <http://www.jboss.org/>.

On these application servers, the Natural Web I/O Interface client consists of a J2EE enterprise application (*natuniapp.ear*) and a J2EE resource adapter (*naturalunicode.rar*). Both components are installed on a J2EE server.

The prerequisite for using the Natural Web I/O Interface client on a J2EE server is that Java Runtime 5 or above is installed.

- **Microsoft Internet Information Services (IIS)**  
On this web server, the Natural Web I/O Interface client is based on the ASP.NET 2.0 technology. Therefore, the prerequisite for running the Natural Web I/O Interface client with IIS is that the .NET framework 2.0 is installed on the same server on which Microsoft Internet Information Services is installed.

When ASP.NET 2.0 has not yet been installed, you can download the .NET Framework Version 2.0 from:

<http://www.microsoft.com/downloads/details.aspx?familyid=0856eacb-4362-4b0d-8edd-aab15c5e04f5&displaylang=en>

You have to install the Natural Web I/O Interface client on one of these servers as described later in this documentation.

**Note:**

Server farms are not supported.

## Apache Ant

Apache Ant 1.6.5 or above is required to perform the deployment on JBoss Application Server. This tool is freely available on <http://ant.apache.org/>.

## Natural for Mainframes

If you want to use the Natural Web I/O Interface client with Natural for Mainframes, the following must be installed:

- Natural for Mainframes Version 4.2.3 or above, and
- the Natural Web I/O Interface server.

For detailed information, see:

- the *Installation* documentation for the different operating systems which is provided for Natural for Mainframes;
- the section *Installing and Configuring the Natural Web I/O Interface Server* in the version of this *Natural Web I/O Interface* documentation which is provided for Natural for Mainframes.

## Natural for UNIX

If you want to use the Natural Web I/O Interface client with Natural for UNIX, the following must be installed:

- Natural for UNIX Version 6.2.5 or above, and
- the Natural Web I/O Interface server (which is implemented as a daemon).

For detailed information, see:

- the *Installation* documentation which is provided for Natural for UNIX;
- the section *Installing and Configuring the Natural Web I/O Interface Server* in the version of this *Natural Web I/O Interface* documentation which is provided for Natural for UNIX.

## Natural for OpenVMS

If you want to use the Natural Web I/O Interface client with Natural for OpenVMS, the following must be installed:

- Natural for OpenVMS Version 6.3.4 or above, and
- the Natural Web I/O Interface server (which is implemented as a daemon).

For detailed information, see:

- the *Installation* documentation which is provided for Natural for OpenVMS;
- the section *Installing and Configuring the Natural Web I/O Interface Server* in the version of this *Natural Web I/O Interface* documentation which is provided for Natural for OpenVMS.

## Natural for Windows

If you want to use the Natural Web I/O Interface client with Natural for Windows, the following must be installed:

- Natural for Windows Version 6.3.3 or above, and
- the Natural Web I/O Interface server (which is implemented as a service).

For detailed information, see:

- the *Installation* documentation which is provided for Natural for Windows;
- the section *Installing and Configuring the Natural Web I/O Interface Server* in the version of this *Natural Web I/O Interface* documentation which is provided for Natural for Windows.

## Browser Prerequisites

Supported browsers in this version are:

- Internet Explorer 6.0 through 8.0.
- Mozilla Firefox 2.0 through 3.5.

### **Important:**

Cookies and JavaScript must be enabled in the browser.