Prerequisites

This chapter describes the prerequisites that apply when you install a Natural Web I/O Interface server on a mainframe computer.

The following topics are covered:

- General Prerequisites for Web I/O Interface Server Installation

- Prerequisites for the Web I/O Interface Server for z/OS

- Prerequisites for the Web I/O Interface Server under SMARTS on z/VSE

- Prerequisites for the Web I/O Interface Server under SMARTS on VM/CMS

- Prerequisites for the Web I/O Interface Server under SMARTS on BS2000/OSD

General Prerequisites for Web I/O Interface Server Installation

The following general prerequisites apply:

- The currently applicable version of Natural for Mainframes must be installed.

- The Natural ICU Handler (`NATICU`) must be available to the Web I/O Interface server; see *ICU Library* in the *Unicode and Code Page Support* documentation.

- The Natural Web I/O Terminal Converter `NATWEB` must be linked to the Natural nucleus module.

Note:
For further information, refer to the products and versions specified under *Natural and Other Software AG Products* in the current *Natural Release Notes*.

Prerequisites for the Web I/O Interface Server for z/OS

In addition to the general prerequisites described above, the following operating-system-specific prerequisites apply:

- z/OS must be installed.

- To prevent the formation of endless loops in user programs running under the Web I/O Interface, specify a reasonable value for Natural profile parameter `MT` (maximum CPU time).

Prerequisites for the Web I/O Interface Server under SMARTS on z/VSE

In addition to the general prerequisites described above, the following operating-system-specific prerequisites apply:

- z/VSE must be installed.

- SMARTS must be installed (product code APS).

- The Natural Com-plete/SMARTS Interface must be installed (product code NCF).

- To prevent the formation of endless loops in user programs running under NWO, specify a reasonable value for the CPU time limit in the SMARTS parameter THREAD-GROUP.

- As a prerequisite for using the client impersonation feature (parameter SECURITY_MODE), Natural Security must be installed.

Prerequisites for the Web I/O Interface Server under SMARTS on VM/CMS

In addition to the general prerequisites described above, the following operating-system-specific prerequisites apply:

- z/VM must be installed.

- SMARTS must be installed (product code APS).

- The Natural Com-plete/SMARTS Interface must be installed (product code NCF).

- To prevent the formation of endless loops in user programs running under NWO, specify a reasonable value for the CPU time limit in the SMARTS parameter THREAD-GROUP.

- As a prerequisite for using the client impersonation feature (parameter SECURITY_MODE), Natural Security must be installed.

Prerequisites for the Web I/O Interface Server under SMARTS on BS2000/OSD

In addition to the general prerequisites described above, the following operating-system-specific prerequisites apply:

- BS2000/OSD must have been installed on the server mainframe.

- SMARTS must be installed (product code APS).

- The Natural Com-plete/SMARTS Interface must be installed (product code NCF)