

About this Documentation

Welcome to *Natural Business Services Administration* — your tool for setting up and managing environments for Natural Business Services applications.

This documentation does not provide information about the following topics. We assume that you are either familiar with these topics or have access to other sources of information about them:

- Natural programming language and environment
- Natural Construct
- EntireX
- Entire Net-Work

Natural Business Services Administration is intended for administrators who use the subsystem to manage network communications and business services and developers who create and maintain business services. This preface will help you get the most benefit from this documentation, as well as find other sources of information about managing business services.

This documentation explains how to invoke and use the Business Service Administration subsystem for system and application administration, as well as application development. It assumes that, as an administrator, you have extensive knowledge of Natural Business Services and its supporting products.

Natural Business Services Administration covers the following topics:

●	Role of the Business Service Administration Subsystem	Describes the role of the Business Service Administration subsystem in supporting Natural Business Services. It also contains information on accessing and navigating the subsystem.
●	Using the Business Service Administration Subsystem	Describes where things are in the subsystem and how to access them. Also describes the Natural Business Services Add-in.
●	Defining and Managing Servers	Describes how to create and manage the servers that automate communication between business service components and EntireX.
●	Using the Business Service Control Record	Describes how to use the business service control record to initiate, ping, and shut down servers, as well as how to enable Natural Security, specify a security exit, and adjust Entire Net-Work timeouts.
●	Defining Steplibs and Domains	Describes how to setup the chain of step libraries and the domains. Steplib chains identify where your application libraries reside on the server; domains consist of a collection of application libraries, business services, and their associated modules.

•	Defining Users and Security Groups	Describes how to define users, groups, and their associations. Users and groups are essential for creating a secure environment, whether you are using Natural Business Services security or Natural Security.
•	Setting Business Service Security Options	Describes how to define security settings for domains, services, and methods on the client and in character mode (SYSBIZ). Also contains an overview of the server security options.
•	Using Natural Business Services Tools	Describes the tools for managing the environment of Natural Business Services.
•	Domains Supplied with Natural Business Services	Describes the business services contained in the ADMIN and INTERNAL domains, as well as those in the DEMO domain. Also explains security recommendations.
•	Auditing Business Services	Describes the log and query options for business services.
•	Deploying the Administration Subsystem	Describes the steps involved in deploying the Business Service Administration subsystem to run business services in production environments.
•	Customizing Natural Business Services	Describes how to customize the default behavior of Natural Business Services.
•	Using Custom Models with Natural Business Services	Describes how to use customized Natural Construct models to create business services.
•	Appendix A: Parsing Server Startup Parameters	Describes how to use the BSSPARMN routine to parse the keywords specified in the Server Start parameter fields on the Maintain Servers panel.
•	Appendix B: Additional Error Handling	Describes how to use the SPSERRN2 and SPSERRN user exits to enhance core error-processing in Natural Business Services applications.
•	Appendix C: Utilities	Describes the utility subprograms supplied with the Business Service Administration subsystem.