

# About this Documentation

This documentation describes how Natural supports Unicode and code pages on Windows, UNIX and OpenVMS platforms. It also describes how Natural supports bidirectional languages and double-byte characters.

This documentation is organized under the following headings:

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| ● | Introduction  | General information on code pages and the Unicode Standard, and on how Unicode and code pages are supported in Natural.   |
| ● | Unicode and Code Page Support in the Natural Programming Language     | Information on the U format and on statements, logical condition criteria, system variables, large and dynamic variables, and session parameters which provide Unicode and code page support. |
| ● | Configuration and Administration of the Unicode/Code Page Environment | Information on the ICU library, on profile parameters which provide Unicode and code page support, and on the encoding of code page data.   |
| ● | Development Environment   | How to customize your environment and how Unicode is handled by the Natural editors.  |
| ● | Unicode Input/Output Handling in Natural Applications                 | How to display and enter Unicode data. Information on the Natural Web I/O Interface client which is used in SPoD and runtime environments.  |
| ● | Unicode Data Storage  | Information on database access, and on the work file types and print files which provide Unicode and code page support.   |
| ● | Platform Differences  | Handling differences on Windows, UNIX and OpenVMS platforms.  |
| ● | Migrating Existing Applications                                       | About the impact of Unicode on existing applications. How to migrate existing objects, add Unicode support to existing applications, and how to migrate Natural remote procedure calls (RPC). |
| ● | Special Considerations and Limitations                                | Important information and restrictions.   |
| ● | Bidirectional Language Support  | How Natural supports bidirectional languages.   |
| ● | Double-Byte Character Support   | How Natural supports double-byte characters.  |
| ● | Frequently Asked Questions  | Answers to frequently asked questions.  |