

# Natural Construct Version 3.3.4

## Release Notes for UNIX

## **Manual Order Number: CST334-008UNIX**

This document applies to Natural Construct Version 3.3.4 for UNIX and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

Readers' comments are welcomed. Comments may be addressed to the Documentation Department at the address on the back cover or to the following e-mail address:

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# PREFACE

These release notes describe the changes to Natural Construct for UNIX provided in version 3.3.4.

For information about installing Natural Construct, see:

- *Natural Construct Installation Manual for UNIX*  
This manual is intended for administrators who are responsible for installing Natural Construct.

For information about using Natural Construct, see:

- *Natural Construct Administration and Modeling User's Manual*  
This manual is intended for administrators who maintain the Natural Construct generation environment, as well as for developers who create new models.
- *Natural Construct Generation User's Manual*  
This manual is intended for developers who create applications using the supplied models.
- *Natural Construct Help Text User's Manual*  
This manual is intended for developers who create and maintain help text for Natural Construct-generated applications, as well as for developers who create and maintain help text for user-written models.



# RELEASE NOTES

These release notes describe the changes to Natural Construct for UNIX provided in version 3.3.4. The changes include the addition of new features and the enhancements of existing features.

The following topics are covered:

- **Introduction**, page 8
- **New Features**, page 9
- **Enhancements to Existing Features**, page 10
- **Support for Previous Versions of Natural Construct**, page 11

## Introduction

Natural Construct V3.3.4 is the first version to work on a 64-bit UNIX platform. It is compatible with:

- Natural V3.1 and V4.1
- Predict V3.4
- Adabas V3.1

## New Features

This section describes the new features of Natural Construct V3.3.4.

### **64-Bit Support**

Natural Construct V3.3.4 runs on a 64-bit UNIX platform.

### **Page Up and Down Keys in Natural Construct Editors**

Natural Construct V3.3.4 activates the Page Up and Page Down keys for the Natural Construct editors. These keys make it easier for users to navigate within the editors.

The Natural Construct editors are:

- User Exit editor in the Generation subsystem
- Code Frame editor in the Administration subsystem
- Help Text editor in the Help Text subsystem

### **Maximum Number of Referential Relationships Increased**

You can now define up to 25 referential relationships for files in Natural Construct. Earlier versions allowed 10 relationships.

## Enhancements to Existing Features

This section describes alterations to existing features of Natural Construct for UNIX.

### Various Minor Corrections

- Natural Construct V3.3.4 is compatible with Natural V3.1 and V4.1.
- Natural Construct now generates the data definitions correctly for periodic groups (PEs) that are redefined in Predict.
- The model load utility now works correctly after a new version of Natural Construct is installed over an existing version. The models did not always load if previous versions were installed.
- The Read Specifications function on the Generation main menu only checks the current library. In the previous version, the Read function checked all steplib in the Natural Construct steplib chain.
- The cursor remains active after returning from a browse subprogram or helprou-tine to a browse program.
- Natural Construct-generated browse and browse-select programs, subprograms, and helprou-tines now process a non-unique key containing null values.
- Natural Construct-generated modules now recognize blocking in global data areas (GDA). In addition, generated GDA blocks now support Natural V3.1 data area structures.
- Natural Construct-generated modules can now use longer INIT clauses.
- The .g (SET-CONTROL) statement no longer allows the user to select .S, since this terminal command is not supported on UNIX operating systems.

## Support for Previous Versions of Natural Construct

SAGA SOFTWARE, Inc. provides support for the following Natural Construct releases:

<b>Natural Construct Release</b>	<b>Date Released</b>	<b>End-of-Support Date</b>
V3.3.3	September 1996	December 2001

Support for a version level will be provided until the end of the year and month specified in the End-of-Support Date column.

