

NS-DK

Version 6.00 Edition 1

New features

Information in this document is subject to change without notice as a result of changes in the product. The software described in this document is furnished under a license agreement. The software may be used or copied only in accordance with the terms of the agreement. It is illegal to reproduce the software on any medium unless specifically authorized within the terms of the agreement. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose other than the purchaser's personal use without the written permission of Nat System.

© 2009 Nat System. All rights reserved

The Nat System and NS-DK name and logo are registered trademarks of Nat System.

QuickTest Professional and WinRunner are registered trademarks of Hewlett Packard.

All other trademarks mentioned in this document are registered trademarks of their respective companies.

Contents

Organization of this manual	iv
Conventions	v

Chapter 1 General Presentation

Improvement of the NCL language.....	1-3
NSMLE library.....	1-3
NSXMLE library	1-3
NSDYNCTR library.....	1-3
NWXSEC library	1-4
NWXML library.....	1-4
NsSaxXml library.....	1-4
Databases	1-5
Using examples	1-6
Nat System Agent for QuickTest Professional	1-7

Organization of this manual

NS-DK 6.00 contains some new features, and several new or modified APIs.

This document fully describes these enhancements and refers you to the appropriate manuals in the NS-DK document set for further information.

Chapter 1

General presentation

This chapter introduces the new features of NS-DK 5 SP2.

Conventions

Typographic conventions

Important term	Important terms are printed in bold .
<i>Interface component</i>	The names of windows, dialog boxes, controls, buttons, menus and options are printed in <i>italics</i> .
[F9]	Function key names appear in square brackets.
FILENAME	Filenames are printed in UPPERCASE.
<code>syntax example</code>	Syntax examples are printed in a fixed-width font.

Notational conventions

- A round bullet is used for lists
- ♦ A diamond is used for alternatives
- 1. Numbers are used to mark the steps in a procedure to be carried out in sequence

Icon codes



Comment, note, etc.



Reference to another part of the documentation



Danger: precaution to be taken, irreversible action, etc.



Suggestion: helpful hints, etc.



To go a step further: level of detail or expertise greater than the average level of the document

Chapter 1

General Presentation



NS-DK 6.00 integrates new functionalities allowing you to optimize the applications developed with this tool. Nat System thus fulfills the technological and technical requirements of its users.

***You will find in
this chapter***

- The new features in the NCL language.
- The support of the new databases.
- A comment about the new samples available.

Table of Contents

Improvement of the NCL language	1-3
NSMLE library 1-3	
NSXMLE library 1-3	
NSDYNCTR library 1-3	
NWXSEC library 1-4	
NWXML library 1-4	
NsSaxXml library 1-4	
Databases	1-5
Using examples	1-6
Nat System Agent for QuickTest Professional	1-7

Improvement of the NCL language

NSMLE library

This library contains functions to handle text in MLE control or window.

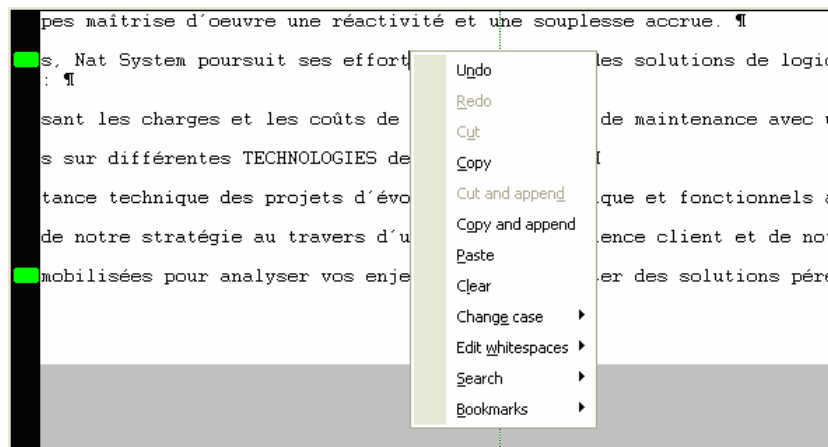


For more information about the NSMLE library, please refer to « Kernel APIs ».

NSXMLE library

The NSXMLE library manages the XMLE control corresponding to an extended text editor.

A popup menu allows you to manage the available actions.



For more information about the NSXMLE library, please refer to « GUI and printing APIs ».

NSDYNCTR library

The new NSDYNCTR library allows you to dynamically handle your NatStar control.



For more information about the NSDYNCTR library, please refer to « Kernel APIs ».

NWXSEC library

The new NWXSEC library is used to safely protect your XML documents by authorizing the use of digital signatures and by converting the XML to canonical form.



For more information about the NWXSEC library, please refer to « Communication APIs ».

NWXML library

Two new functions `NWX_XSLTRANSFORMFILE_ERRMSG` and `NWX_XSLTRANSFORM_ERRMSG` improve the transformation of XML files.



For more information about the NWXML library, please refer to « Communication APIs ».

NsSaxXml library

The NsSaxXml library manages the analyse of the XML documents. It indicates to the parser which actions to execute during the event launching.



For more information about the NsSaxXml library, please refer to « Communication APIs ».

Databases

NS-DK proposes the support of new databases versions:

Databases versions	Drivers
Oracle 11g	NSnnOR11.dll
MySQL 5.0	NSnnMY50.DLL
SQL Server 2008	NSnnMS80.DLL



nn stands for the number of the version of the interface you have installed:

- w2 for Windows 32 bits,
- w4 for Windows 64 bits.

Using examples

Nat System proposes new using examples (available in the */samples* directory) that you can experiment with vous permettant d'expérimenter les nouvelles fonctionnalités proposées :

- DYNAMICCTRL : dynamic creation of controls,
- NSTEXTPAD : presentation of the XMLE new component,
- SAX : managing of bulky files.

Nat System Agent for QuickTest Professional

Nat System offers in partnership with Hewlett-Packard the possibility to easily test your applications developed with NS-DK.

QuickTest Professional[®] is a registered trademark of Hewlett-Packard.



The Nat System Agent for QTP is for sale as an extension of the Nat System development tools.