4D for OCI 2004
ADDENDUM

Welcome to 4D for OCI 2004. This document introduces two new commands and provides additional information regarding the current documentation for this plug-in.

This document contains the following sections:

- New Commands
- Documentation Update

New Commands

Two new commands have been added to the "Extras" theme of 4D for OCI:

OCIGetEnv

OCIGetEnv (envVar;value) → Longint

Parameter	Type		Description
envVar	String	→	Name of variable to get
value	String	←	Value associated with variable
Function result	Longint	←	Error code

The new OCIGetEnv command is used to get the value of the environment variable whose name is passed in the envVar parameter. It returns an error code (0 = OK).

In the envVar parameter, you can pass one of the following strings: ORACLE_HOME, ORA_NLS33, TNS_ADMIN.

These variables have default values. On Windows, they are set by the OS. On Mac OS, they are set using the following values:

- ORACLE_HOME = "/Oracle/OCI/oci"
- ORA_NLS33 = "/Oracle/OCI/oci/ocommon/nls/admin/data"
- TNS_ADMIN = "/Oracle/OCI/oci/network/admin"

The value parameter receives the current value of the environment variable and the command returns an error code (0 if OK).

Theme: Extras

OCISetEnv   OCISetEnv (envVar;value) → Longint

Parameter	Type		Description
envVar	String	→	Name of variable to set
value	String	→	Value to associate with variable
Function result	Longint	←	Error code

The new OCISetEnv command is used to set the value of the environment variable whose name is passed in the envVar parameter. It returns an error code (0 = OK).

In the envVar parameter, you can pass one of the following strings: ORACLE_HOME, ORA_NLS33, TNS_ADMIN.

In the value parameter, you can pass the value that you want to associate with the environment variable.

Theme: Extras

Documentation Update

This section provides update information for the current *4D for OCI Language Reference* manual.

OCIStmtGetBindInfo Command (erratum)

The syntax of this command (described on page 90) is not correct and should be read as follows:

OCIStmtGetBindInfo (stmtp;errhp;startlock;found;bvnp;invp;dupl;hndl) → Longint

Parameter	Type		Description
stmtp	Longint	→	Statement handle
errhp	Longint	→	Error handle
startlock	Longint	→	Position of bind variable at which to start getting bind info
found	Longint	←	Total number of variables in statement
bvnp	Pointer Array	←	Array of bind variable names
invp	Pointer Array	←	Array of pointers for indicator variable names
dupl	Boolean Array	←	0 = Bind position is not a duplicate 1 = Bind position duplicates another
hndl	Longint Array	←	Array of bind handles
Function result	Longint	←	Status

OCIGetTnsnamesPath Command

This command (described on page 181) is deprecated on Mac OS. It is recommended to use the new OCIGetEnv command instead as shown in the following example:

```
C_TEXT($Path)
$error:=OCIGetEnv("ORACLE_HOME";$Path)
```