

WINDOWS API

VOLUME III

WINDOWS 3.1
REFERENCE GUIDE

B O R L A N D

Windows API Guide

Reference

Volume 3

Version 3.1
for the MS-DOS and PC-DOS
Operating Systems

BORLAND INTERNATIONAL, INC. 1800 GREEN HILLS ROAD
P.O. BOX 660001, SCOTTS VALLEY, CA 95067-0001

Copyright © 1992 by Borland International. All rights reserved.
All Borland products are trademarks or registered trademarks of
Borland International, Inc. Other brand and product names are
trademarks or registered trademarks of their respective holders.

PRINTED IN THE USA.
109876543

C o n t e n t s

Chapter 1 Common dialog box library	1	Device drivers and the Print dialog box	21
Using Color dialog boxes	3	Displaying a Print dialog box for the default printer	21
Color models used by the Color dialog box	4	Using Find and Replace dialog boxes	23
RGB color model	4	Displaying the Find dialog box	23
HSL color model	6	Displaying the Replace dialog box	25
Converting HSL values to RGB values	6	Processing dialog box messages for a Find or Replace dialog box	26
Using the Color dialog box to display basic colors	7	Customizing common dialog boxes	27
Initializing the CHOOSECOLOR structure	7	Appropriate and inappropriate customizations	27
Calling the ChooseColor function	8	Hook functions and custom dialog box templates	28
Using the Color dialog box to display custom colors	8	Hook function	28
Initializing the CHOOSECOLOR structure	8	Customizing a dialog box template	31
Calling the ChooseColor function	9	Displaying the custom dialog box	32
Using Font dialog boxes	11	Supporting help for the common dialog boxes	34
Displaying the Font dialog box in your application	11	Error detection	35
Using Open and Save As dialog boxes	13	Chapter 2 Dynamic Data Exchange Management Library	37
Displaying the Open dialog box in your application	13	Basic concepts	38
Displaying the Save As dialog box in your application	16	Client and server interaction	39
Monitoring list box controls in an Open or Save As dialog box	18	Transactions and the DDE callback function	39
Monitoring filenames in an Open or Save As dialog box	19	Service names, topic names, and item names	40
Using Print and Print Setup dialog boxes	20	System topic	40
		Initialization	42

Callback function	43	Server applications	80
String management	45	Object handlers	80
Name service	47	Communication between OLE	
Service-name registration	47	libraries	81
Service-name filter	48	Clipboard conventions	81
Conversation management	48	Registration	85
Single conversations	48	Registration database	85
Multiple conversations	52	Version control	
Data management	54	for servers	87
Transaction management	57	Client user interface	88
Request transaction	57	New and changed commands	88
Poke transaction	58	Using packages	91
Advise transaction	59	Server user interface	92
Execute transaction	60	Updating objects from	
Synchronous and asynchronous		multiple-instance servers	92
transactions	61	Updating objects from	
Transaction control	62	single-instance servers	93
Transaction classes	63	Object storage formats	93
Transaction summary	64	Client applications	95
Error detection	66	Starting a client application	96
Monitoring applications	66	Opening a compound document	97
Chapter 3 Object linking and embedding		Document management	98
libraries 71		Saving a document	99
Basics of object linking and embedding ..	71	Closing a document	99
Compound documents	72	Asynchronous operations	99
Linked and embedded objects	73	Displaying and printing objects	102
Packages	74	Opening and closing objects	102
Verbs	74	Deleting objects	103
Benefits of object linking and		Client Cut and Copy commands	103
embedding	75	Creating objects	105
Choosing between OLE and the		Object-creation functions	105
DDEML	76	Paste and Paste Link commands .	107
Using OLE for standard		Undo command	108
DDE operations	77	Class Name Object command	109
Using both OLE		Links command	109
and the DDEML	79	Closing a client application	110
Data transfer in object linking and		Server applications	111
embedding	79	Starting a server application	112
Client applications	80	Opening a document or object	114

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.