
Advanced Windows API Techniques

Daniel Appleman

Desaware

(408) 377-4770, CIS: 70303,2252

For intermediate & advanced API
programmers.

Demos in file vbtapi.zip

Roadmap

Introduction.

Strings, structures and memory blocks.

Device Independent Bitmaps and Metafiles.

Does API only printing make sense?

Private messaging and cooperating applications.

Q&A

Introduction

Prerequisites.

To API or not to API.

Strings & Structures

Using VB string buffers.

Defining structures.

Strings in structures.

Memory blocks

Who's afraid of GlobalAlloc?

Copy data.

Danger! Huge data.

Device Independent Bitmaps

The BITMAPINFO structure.

The color table.

The data.

Reading a DIB file.

Drawing a DIB.

The palette problem.

Metafiles

Reading metafiles from disk.
Setting coordinate systems.
Metafiles and the clipboard.

Does API only printing make sense?

The limitations of VB printing.

Using a private printer DC.

Configuring the printer.

Implementing print preview.

Private Messaging and cooperating applications.

Finding the newly launched application.

WM_USER vs. Registered messages.

**There is no such thing
as a stupid question!**