Chapter 4   MULTIMEDIA-ENABLING SERVER

MultiMedia Works software allows you to embed multimedia objects into other Windows-based applications using a variety of methods including:

- Windows clipboard including Object Linking and Embedding (OLE)

- Dynamic Data Exchange (DDE)

- Command-line interface

- Dynamic Link Library (DLL) calls (using MultiMedia Works' Application Programming Interface)*

This flexibility enables MultiMedia Works users to embed multimedia data into other commercial or custom Windows applications using the method with which they are most comfortable.

For example, novice users can copy and paste multimedia data using simple clipboard and OLE methods. Experienced software developers can use MultiMedia Works' Application Programming Interface (API) to integrate video, audio, animation and graphics into custom Windows applications created in any development environment that supports DLL calls.*

This chapter described each of these different embedding methods.

IMPORTANT!   This chapter assumes you have a basic knowledge of standard Windows concepts and terms. For more information on any embedding method described here, consult the appropriate Windows documentation. (e.g., Windows User's Guides, Software Development Kits, etc.).

* Requires MultiMedia Works Developer's Toolkit

Using Windows Clipboard and OLE

As described in Chapter 3, MultiMedia Works enables you copy multimedia objects to the Windows clipboard by selecting the Copy to Clipboard control in an object display window. MultiMedia Works copies the following multimedia object information to the Windows clipboard when this control is selected:

- Windows OLE information (which allows MultiMedia Works objects to be played back in other applications)

- Actual object data based on the objects file (e.g., a digital video frame, a graphic object, a MultiMedia Works icon)

This information can then be pasted from the Windows clipboard into a "destination document" from another application (e.g., a *.doc file in Microsoft Word for Windows).

To copy a MultiMedia Works object to the Windows clipboard from the application base screen:

1. Display the desired object or show in a MultiMedia-Works display window.

2. Select either the:

   - *Copy To Clipboard* control for objects, or

   - *OLE Copy* command from the *Edit* menu for shows