



The SCC MediaServer Microsoft Word Integration Module provides a bridge that allows Microsoft Word to access, display and change attributes of objects stored in the SCC MediaServer system.

The SCC MediaServer Microsoft Word Integration Module is a Windows COM Interface that provides safe access to the MediaServer database system via custom and third-party applications. The interface includes a complete set of programming functions necessary to read, change, and update object attributes in the database. Any application compatible with the Windows COM standard, including those applications written in Visual Basic, can use the Microsoft Word Integration Module as a bridge to MediaServer.

data, creating custom menu items, special operation buttons on toolbars, dialogs prompting users for data entry and automatically analyzing edited data for errors or non-conformities before saving.

In addition, powerful tools incorporated into Word are available to the user, including the spelling and grammar checker, thesaurus, the "Save As Web Page" feature, and the extensive layout and editing features.

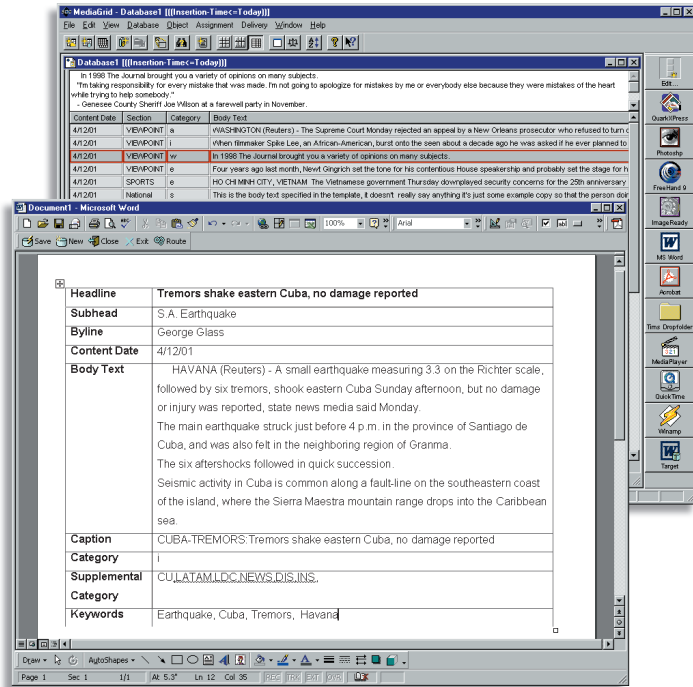
Drag and Drop from SCC MediaGrid

The way it works: Users employ MediaGrid to locate the object within the MediaServer database that they want to edit. Once the desired object is located and selected the user simply drags and drops the object on the Microsoft Word icon on MediaGrid's drop palette. This causes a packet of data to be transferred to Microsoft Word, which is launched first if not already running, and then executes a script. This script, which runs inside of Word, calls functions from the Word Integration Module's COM Interface to lock the object in MediaServer, read its text, display it in the customized layout, and configure the environment to the desired look, feel, and functionality.

Other scripts can be designed to run on user command or automatically as text is entered into the document. When editing is finished the user saves the document, at which time a final script uses the Word Integration Module's COM Interface to store the changes back to the original object in the database.

Requirements

The Microsoft Word Integration Module supports Microsoft Word 97, 2000, and 2003 for Windows. The SCC MediaGrid client is required to locate and launch the objects whose attributes are to be edited inside the Word application.



Customizable User Interface

One valuable role played by this module is as a bridge between Microsoft Word and MediaServer for use at sites where Word is the preferred text editor, and that demand a customized user interface, and furthermore want to be able to continue to customize the interface as their workflow evolves. This is made possible through the Microsoft Office-based development environment, which is designed for use by in-house IT professionals to customize Microsoft Office applications, such as Word, with special layouts, menus, toolbars, dialogs, macros, and automation tasks. Sophisticated customizations to the Word environment are possible with Visual Basic for Applications (VBA), the scripting language incorporated into Word.

The application designer is able to design an interface focused to the end user's task, including designing layouts to display text

