

Save and Close Multiple Documents  
PC Magazine  
By M. David Stone

The key to the included SAVNCLOS.WPM macro is a FORNEXT-ENDFOR loop that steps through each document – from 1 to 9 – one document at a time. For each step through the loop, the macro first switches to the appropriate document using the SwitchDoc command, then uses an IF statement to test whether or not the document has been modified since the last save. If the document has been modified, the macro saves it. Then, whether or not the document has been modified, the macro closes the document. After stepping through all nine possible documents, the macro leaves you in a new, empty document 1.

You may prefer the included SAVNCLO2.WPM macro. This macro takes advantage of the MenuList command to let you choose between saving and continuing to edit on the one hand, or saving and closing all documents on the other. If you run the macro, the two choices, "Save all and continue" and "Close all after saving," show up as menu items. Notice the tildes before the S in Save and the C in Close. These specify the characters you can type to choose one command or the other.

The CASEOF statements between the SWITCH-ENDSWITCH statements tell the macro what to do depending on whether you pick the first or second menu item. If you pick the first item, "Save all and continue," the macro sets the variable Closeall to No, then picks up after the ENDSWITCH statement with the ASSIGN command, which sets the variable StartDoc to the current document number. If you plan to continue editing, the macro will need this information later to leave you in the same document from which you started the macro. If you pick the second item, "Close all after saving," the macro sets the Closeall variable to Yes and then goes to the label Dolt, skipping over the ASSIGN statement.

Next comes the FORNEXT-ENDFOR loop that, once again, is the heart of the macro. Here, the macro steps through each document, one at a time, from 1 to 9. And again, for each step through the loop, the macro starts by switching to the next document with the SwitchDoc command. It then tests to see whether the document is blank, using the ?DocBlank system variable.

If the document is blank, the macro closes it. If the document isn't blank, the macro next tests to see if it has been modified, using the ?DocModified system variable. If it has been modified, the macro saves it. Next, if the variable Closeall equals yes – meaning you chose the "Close all after saving" option in the menu – the macro closes the document.

Finally, after finishing the FORNEXT-ENDFOR loop, the macro uses the IF-ENDIF statement to test the value of Closeall. If Closeall is set to Yes (you told the macro to close all documents), the macro simply finishes. If Closeall is set to No (you chose to save the documents without closing them), the macro uses the SwitchDoc command to switch back to the document you were in when you started the macro.