A Macro Dissected: Adding data to a 590 MARC field

This handout is intended to give you a detailed look at the OCLC macro language with a practical example. This macro adds today’s date and the cataloger’s initials (in this case *snr*) to a 590 field.

Use single quote to write any notes about the macro

'Start of the macro

Option Explicit

Sub Main

Dim CS As Object
Set CS = CreateObject("Connex.Client")

Dim CatInitials As String
Dim TodayDate As String
Dim bool As Integer

CatInitials = "snr"
TodayDate = Format(Date, "YYYYMMDD")

bool = CS.AddField(1, "590  " & TodayDate & " - " & CatInitials)

End Sub

'Start of the macro

'OML Command for Adding a MARC field

TAG and two spaces after it for the two indicators

"Today Date" is defined as "YYYYMMDD" above, so today’s date will be inserted in the MARC field

Use the "&" symbol (with a space before and after the ampersand) to add strings together

"bool" stands for "Boolean" and is a variable that will either be TRUE or FALSE

defines both variables that are listed above

Defines the variable “TodayDate” as the YYYYMMDD format

The dash is treated as part of the text that will appear after the date

Defines the types of data stored in variables (“Dim” stands for “dimension”)

Creates a short-hand method of referring to an object, and use “CS” as the short-hand for that

This command forces you to define the types of data stored in your variables (the macro editor will highlight your errors this way)

"MacroName: AddCataloger590
'MacroDescription: Add a 590 field containing the cataloger's initials and today's date

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CatInitials = "snr"
TodayDate = Format(Date, "YYYYMMDD")

bool = CS.AddField(1, "590  " & TodayDate & " - " & CatInitials)

End Sub