libBRW Dynamic Link Library v1.3.6

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This DLL is used to read and write Calyx Point borrower files. Below is a list of all the exported functions. It is worth saying that I am not a DLL expert. I've written a few different libraries for specific projects but they have all been used with Delphi applications. This DLL has been tested with Visual Basic 6. (See the demo VB project in this ZIP file)

IMPORTANT: PLEASE look at the demos. This documentation is intended as a guide for using the DLL. It is assumed that you have some programming experience with DLLs. Also, the Internet is chocked full of info on using DLLs with various languages.

GetVersion
Returns the current version of the DLL in a string

LoadBRW(PChar)
The LoadBRW function takes a String as its argument and will load the borrower filename into a memory buffer so that the fields can be read or manipulated. It returns an integer of 0 if successful or 1 if not. Files are opened in OpenRead or ShareDenyNone in an attempt to compensate for locked files.

** Note: If you open a Point file while someone is editing it in Point, you could overwrite their changes and they could overwrite yours. **

UnloadBRW
Simply clears the memory buffer. While the LoadBRW function does overwrite the current buffer, I have found that clearing it on exit in VB prevents memory leaks. This appears to be something particular to VB. It also returns a 0 if everything is ok and 1 if not. (It should never return 1 unless you have some physical problem with the RAM in your computer)

GetFieldByID(Cardinal)
This function is used to retrieve the contents of a specific field as defined in the FieldIDs.xls file that comes with Point. Simply pass an ID to it and you will get back whatever that ID corresponds to in the current memory buffer.

GetBoolFieldByID(Cardinal)
Returns a boolean value for the requested field ID.

GetIntFieldByID(Cardinal)
Returns an integer value for the requested field ID.

GetFieldByName(PChar)
Using one of the named fields below, you can retrieve the associated value from the buffer currently in memory.

Named Fields:

LoanPurpose : Purchase, Construction, Cash-Out Refi, Construction-Perma, No Cash-Out, Custom
LoanType : Conventional, VA, FHA, FmHA
Occupancy : Primary, Secondary, Investment
MaritalStatus : Married, Separated, Unmarried
BorrowerName : First & Last name of the borrower (Fields 100 & 101)
CoBorrowerName : First & Last name of the co-borrower (Fields 150 & 151)
Rate : Loan's interest rate (Field 12)
LoanAmount : Loan amount (Field 11)
Term : Term or length of the loan (Field 13)
LoanTypeNum : Loan type number (Field 1244)
NumUnits : Number of units (Field 36)
LoanStatus : Loan Status is calculated using the dates in Track > General and returns the following values: Open, Submitted, Approved, Documents, Funded, Recorded, Closed, Suspended, Denied, Canceled or Unknown
LenderCaseNum : Taken from field 327 and was added per client request.
ShortSSN : If possible, returns the last 4 digits of the Social Security Number

Taken from the Track > General page in Point:

DateOpened
DateClosed
DateSubmitted
DateApproved
DateDocs
DateFunded
DateRecorded
DateSuspended
DateDenied
DateCanceled

SetFieldByID(Cardinal; PChar)
Sets the field ID passed to it with the string passed. Returns 0 if ok, 1 if not. IMPORTANT: When you set a field, don't forget to save the file. Setting the field only changes its value in memory.

SaveBRW(PChar)
Pass the filename of the borrower file to be saved. This function writes the borrower file in Point format.

Again, please check the demo apps included in this Zip for examples of how to use the DLL.