## **ROWID in FileMaker SOL Commands**

Did you know ROWID keyword?

It's the name for a special keyword in SQL for FileMaker to reference the column with the record ID. So a query for ROWID in SQL looks like this and gives back all record IDs of the table:

MBS("<u>FM.ExecuteFileSQL</u>"; ""; "SELECT ROWID FROM MyTable")



This is the same number given by Get(RecordID) for each record. Same you can load ROWID based on the given ID:

MBS("<u>FM.ExecuteFileSQL</u>"; ""; "SELECT ROWID FROM MyTable WHERE \"MyID\" = ?"; 9; 13; \$MyID)

This returns record ID based on the value \$MyID in the MyID field.

Once you know a row ID, you can also find the same record in SQL:

MBS("<u>FM.ExecuteFileSQL</u>"; ""; "SELECT \* FROM MyTable WHERE ROWID = ?"; 9; 13; \$RecordID)

The great thing with ROWID is that you can use it as ID column in <u>SQL</u> functions, which work independent of the actual ID column the table may have. With Min() and Max() functions you can query the range of record IDs in the table:

```
MBS("FM.ExecuteFileSQL"; ""; "SELECT MIN(ROWID) FROM
\"MyTable\"")
and
MBS("FM.ExecuteFileSQL"; ""; "SELECT MAX(ROWID) FROM
\"MyTable\"")
```

Once you know the range, you can make queries to get chunks of records by ROWID selection:

MBS("<u>FM.ExecuteFileSQL</u>"; ""; "SELECT \* FROM \"MyTable\" WHERE ROWID BETWEEN 5 AND 10 ")

This returns up to six records with ROWIDs from 5 to 10.