

# Storing an image in a Firebird Database using IBProvider in a Windev 2025 App

When storing an image into a Firebird databases using the OLEDB IBProvider, the field has to be set as a Sound, Image, Binary type in the Windev analysis with a sub type of Binary String. Anything else will throw an error.

The image must be loaded into a buffer before storing the image into the table. Below is the test code for anyone having issues storing images.

## Test Firebird Database Script

```
CREATE TABLE AS_BINARY (  
  AS_BINARYID BIGINT,  
  PHOTO BLOB SUB_TYPE BINARY SEGMENT SIZE 16384  
);
```

## Test Windev Code

```
// Load image from disk into a buffer  
bufBuffer is Buffer = dLoadImage(EDT_Image_File)  
  
// Load buffer into Firebird Table (Firebird Binary BLOB)  
As_Binary.Photo = bufBuffer  
  
// Add table record  
IF HAdd(As_Binary) THEN  
  Info("Success!")  
ELSE  
  // Copy error to clipboard and display to user.  
  ToClipboard(HErrorInfo(hErrFullDetails))  
  Error("Error: " + HErrorInfo(hErrFullDetails))  
END
```

# Windev Analysis

Items and full-text indexes of "As\_Binary" (OLEDB)

General Data mask Advanced Reports and Queries

Key	GDPR	Name	Caption	Type	Size
<input type="checkbox"/>		AS_BINARYID	As_Binary ID	Automatic ID	8
<input type="checkbox"/>		PHOTO	Photo	Sound, image, binary	50

Item not bound to a metatype

Subtype: Binary string

Key:  Not key  Unique key  Key with duplicates  Primary key

Sort order:  Ascending  Descending