Subject: saving and reading pdf file, binary file, image file in mysql
Posted by BetoValle on Sun, 23 May 2021 12:10:34 GMT
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Hi,

I did a test by uploading a pdf file to a variable string and then saved it to mysql. Then I read the content for string, and saved it as a pdf. The result was totally incorrect. How can I do this considering pdf, binary and image files?

```
String pdf="file.pdf";
String bf ="file.exe";
String if ="file.png";

//how to load Files to save in mysql?;

sql.Begin();
String st="INSERT INTO test ";
st += "(PDF,BF,IF)";
st += " values (?,?,?)";
sql.Execute ( , , );
sql.Commit();


String st="select * from test ";
sql.Execute (st);
while ( sql.Fetch() )
{
   ? SQL["PDF"]
   ? SQL["BF"]
   ? SQL["IF"]
 }

//how to write content in files ?
  SaveFile(fpdf,?);
  SaveFile(fbf,?);
  SaveFile(fif,?);
```

Thanks!

Subject: Re: saving and reading pdf file, binary file, image file in mysql
Posted by BetoValle on Sun, 23 May 2021 19:10:33 GMT
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Hi, I had some success with pdf files:

mysql (I also successfully tested it on sqlite3)

//it may be necessary to increase mysql limits in the "my.ini" file, it was my situation because I tested a 23mb file

max_allowed_packet = 64M or (1073741824)
and
innodb_log_file_size=255M

```
    String f="testeOrig.pdf";
    String f2="testeDest.pdf";
    String s=LoadFile(f);
    String str=Base64Encode(s);

        sql.Begin();
        String st="INSERT INTO test ";
        st += "(ID,TEXT,BF)";
        st += " values (?,?,?)";
        sql.Execute (st,1,AsString(2),str);
        sql.Commit();

        Value v;
        String st="select * from test ";
        sql.Execute (st);
        while ( sql.Fetch() )
        {
      v  = AsString ( sql["BF"] );
   }

        String str=Base64Decode(v);
        SaveFile(f2,str);
```

Thanks!

Subject: Re: saving and reading pdf file, binary file, image file in mysql
Posted by deep on Mon, 24 May 2021 14:39:18 GMT
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Hi

Check field / column type as BLOB or LONGVARBINARY.