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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!

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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!

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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.

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