
Subject: Re: PostgreSQL and binary data
Posted by [unodgs](#) on Thu, 12 Mar 2009 19:45:22 GMT
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Kajko wrote on Wed, 11 March 2009 20:05Hi,

Can anyone tell me/give me example code of how to store/read binary data from PostgreSQL and what type of field is needed.
Data size will vary from 50k to 5MB.

Thanks,
Sasa
I use..

```
String ToBytea(const String& s)
{
    size_t rl;
    PostgreSQLSession &pses = (PostgreSQLSession &) SQL.GetSession();
    unsigned char *sb = PQescapeByteaConn(pses.GetPGConn(), (const byte *) ~s, s.GetLength(),
    &rl);
    String k(sb, rl + 16);
    PQfreemem(sb);
    return k;
}
```

to save binary data. Of course field type in database is also bytea.
For example:

```
SQL & ::Insert(DESCRIPTION_PICTURE)
(DESCRIPTION_ID, id)
(DESCRIPTION, data.desc)
(BIG_PICTURE, ToBytea(encoder.SaveString(data.oryginal)))
(SMALL_PICTURE, ToBytea(encoder.SaveString(data.resized)));
```