
Subject: Re: SqlMassinsert

Posted by [mirek](#) on Mon, 07 Nov 2011 13:14:49 GMT

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Here is the code snippet that uses MassInsert to copy Dbf database into SQL database:

```
DbfStream dbf;
if(!dbf.Open(file))
    return false;
SqlMassInsert ins(table);
while(dbf.Fetch())
    if(!IsNull(dbf[c[0]])) {
        for(int i = 0; i < c.GetCount(); i++)
            ins(SqlId(c[i]), dbf[c[i]]);
        ins.EndRow();
        if(SQL.WasError()) {
            ProgressEnd();
            return false;
        }
    }
ins.Flush();
```

SqlMassInsert uses "insert into ... select ... union all ... select" trick to combine many inserts into single SQL statement; this speeds up things as there can be only single locking / index redoing for the whole statement... (Note that it has special complex logic for NULL values that otherwise pose a problem in this strategy).

Mirek
