
Subject: Question about SQL....

Posted by [mdelfede](#) on Mon, 11 Oct 2010 19:08:27 GMT

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I'm totally new to sql, so maybe it's a dumb question.

I've a database with email as a primary key, I need to find if there's an entry with this email; if is there, update records, otherwise append them.

Here my (ugly) function :

```
bool ProtectDB::Set(VectorMap<String, Value> const &data)
{
    String eMail = data.Get("EMAIL");

    SQL * Select(SqlAll()).From(USERS).Where(EMAIL == eMail);
    if(SQL.Fetch())
    {
        SQL * Update(USERS)
            (NAME , data.Get("NAME"))
            (ADDRESS , data.Get("ADDRESS"))
            (COUNTRY , data.Get("COUNTRY"))
            (ZIP , data.Get("ZIP"))
            (PHONE , data.Get("PHONE"))
            (FAX , data.Get("FAX"))
            (CELL , data.Get("CELL"))
            (LICENSES , data.Get("LICENSES"))
            (EXPIRATION , data.Get("EXPIRATION"))
            (ACTIVATIONKEY , data.Get("ACTIVATIONKEY"))
            (ACTIVATIONSENT , data.Get("ACTIVATIONSENT"))
            (ACTIVATED , data.Get("ACTIVATED"))
            .Where(EMAIL == eMail);
    }
    else
    {
        SQL * Insert(USERS)
            (EMAIL , eMail)
            (NAME , data.Get("NAME"))
            (ADDRESS , data.Get("ADDRESS"))
            (COUNTRY , data.Get("COUNTRY"))
            (ZIP , data.Get("ZIP"))
            (PHONE , data.Get("PHONE"))
            (FAX , data.Get("FAX"))
            (CELL , data.Get("CELL"))
            (LICENSES , data.Get("LICENSES"))
            (EXPIRATION , data.Get("EXPIRATION"))
            (ACTIVATIONKEY , data.Get("ACTIVATIONKEY"))
            (ACTIVATIONSENT , data.Get("ACTIVATIONSENT"))
            (ACTIVATED , data.Get("ACTIVATED"))
    }
}
```

```
;
}  
}
```

Purpose is clear enough... data is passed in with a VectorMap.

Is there a "cleaner" way to do it ? maybe without repeating so many times the record names ?

Ciao

Max
