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Subject: Re: Doubts on a sqlite query  
Posted by [forlano](#) on Sat, 29 Dec 2012 12:21:37 GMT  
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Hi Honza,

thank you very much for the answer. These were the guilty tables

```
TABLE_(TEAMS)
INT    (ID) PRIMARY_KEY AUTO_INCREMENT
INT_    (N)
STRING_ (NAMET, 30)
STRING_ (ORIG, 30)
STRING_ (REGION, 30)
STRING_ (FED, 3)
INT_    (RTG)
INT_    (STATUS)
END_TABLE
```

```
TABLE_(PLAYERS)
INT    (ID) PRIMARY_KEY AUTO_INCREMENT
INT_    (TEAM_ID) INDEX
INT_    (BOARD)
INT    (N)
STRING (NAME, 30)
STRING (FED, 30)
STRING_ (BDAY, 10)
STRING_ (SEX, 1)
STRING_ (CAT, 5)
INT_    (IDFIDE)
INT_    (RTGFIDE)
STRING_ (IDNAT,10)
INT_    (RTGNAT)
INT_    (K)
END_TABLE
```

I have now added an index to TEAM\_ID. I do not know if the index is created while the database is populated or even later. I hope it has been created with this code when I opened the existing DB

```
void vegadb::SetDatabase(String dbname)
{
    if (sqliteVT.IsOpen()) sqliteVT.Close();
    if (!FileExists(dbname)) {
        if(!sqliteVT.Open( dbname )) {
```

```

    Exclamation("Can't create or open database file");
    return;
}
SQL = sqliteVT;
// sqliteVT.SetTrace();
SqlSchema sch(SQLITE3);
All_Tables(sch);
Sqlite3PerformScript(sch.Upgrade());
Sqlite3PerformScript(sch.Attributes());
}
else {
    if(!sqliteVT.Open( dbname )) {
        Exclamation("Can't create or open database file");
        return;
    }
    SQL = sqliteVT;
    // sqliteVT.SetTrace();
    SqlSchema sch(SQLITE3);
}
SQL.ClearError();
}

```

Anyway I have not seen any improvement.  
I used TIMING

```

TIMING players-update : 44.66 s - 57.33 ms (44.66 s / 779 ), min: 32.00 ms, max: 698.00 ms,
nesting: 1 - 779
TIMING player-select : 44.78 s - 285.22 ms (44.78 s / 157 ), min: 134.00 ms, max: 844.00 ms,
nesting: 1 - 157
TIMING team-update : 53.32 s - 339.64 ms (53.32 s / 157 ), min: 167.00 ms, max: 910.00 ms,
nesting: 1 - 157

```

to discover I have underestimated the delay . The teams are 157 and players 779 but it looks wrong too. The players-update query seems to have problems. I'll try to understand what can be although at moment I do not see error.

Regards,  
Luigi