
Subject: off by 1 dynamic tree with sql: SOLVED
Posted by [mtdew3q](#) on Fri, 24 Apr 2020 00:12:06 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi all-

TIA

I go to draw the tree and I am off by one using postgres. If you have a second, can you see if something jumps off the page? I think it has something to do with the root. I'd like to change tree and create a branch for parent every time it encounters a master GL account.

It gives a result like :

```
basket weaving
-> auto
-> gas
-> maint
```

```
instead of
auto
-> gas
-> maint
```

```
PromptOK(" Lets go ");
```

```
VectorMap<String,int> vm;
```

```
Vector<int> v4;
Sql sql(m3_session);
sql.Clear();
```

```
int y = 0;
int n, n1 = 1;
```

```
sql.SetStatement("SELECT DISTINCT PFIELD, COUNT(*) from accounts GROUP BY
GROUPING SETS (PFIELD) ");
sql.Execute();
while (sql.Fetch()) {
    vm.Add(sql[0],sql[1]);
    PromptOK(sql[0].ToString());
}
for (auto a: vm)
    PromptOK(AsString(vm.GetCount()));
```

```

sql.SetStatement(Select(ACCTNUM, ACCTNAME).From(ACCOUNTS).OrderBy(ACCTNUM));
sql.Execute();
while (sql.Fetch()){

if ( vm.Find(sql[0])==1){
    optree.Add(y, AsString(sql[1]));
    PromptOK("okay");
    // PromptOK(AsString(n));
} else {
    optree.Add(0 , AsString(sql[1]));
}

++n;
++y;

}

PromptOK("Lets stop");
}

```

hi ALL AGAIN-

I think the chart of accounts are string and I was thinking it would sort it in number format. That is the bug. At least I hope so. I can figure that out if that is all that is going on. Thanks.

File Attachments

-
- 1) [Screenshot_2020-04-23_20-38-31.png](#), downloaded 239 times
 - 2) [Screenshot_2020-04-23_20-38-31.png](#), downloaded 224 times
-

Subject: Re: off by 1 dynamic tree with sql: SOLVED

Posted by [mtdew3q](#) on Fri, 24 Apr 2020 23:58:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi all-

I just thought I'd share how I drew the tree with my chart of accounts...
thnx for all the cool help here. I'm working on making a very small budgeting application.
roboloki

void MyMain::RunSQL(){

Sql sql(m3_session);

```

sql.Clear();

int y = -0;
int n = 0;
int n1 = 1;
String mystr;

sql.SetStatement("SELECT DISTINCT PFIELD, COUNT(*) from accounts GROUP BY
GROUPING SETS (PFIELD) order by pfield");
sql.Execute();
while (sql.Fetch()) {

mystr=sql[0];
if (mystr.Find('*') != -1){

vm.Add(sql[0],sql[1]);
// PromptOK(sql[0].ToString());
}
}

void MyMain::SlingTv() {

int n = 0;
int n1 = 0;
String mystr;

Sql sql(m3_session);
sql.Clear();

sql.SetStatement(Select(PFIELD,ACCTNUM,
ACCTNAME).From(ACCOUNTS).OrderBy(ACCTNUM));
sql.Execute();
while (sql.Fetch()){

mystr=sql[0];
if ( mystr.Find('*') != -1){
//PromptOK(AsString(n1));
optree.Add(0, sql[2].ToString());
}
}
}

```

```

    }

sql.SetStatement(Select(PFIELD,ACCTNUM,
ACCTNAME).From(ACCOUNTS).OrderBy(ACCTNUM));
sql.Execute();
while (sql.Fetch()){

mystr=sql[0];
if ( _mystr.Find('*') != -1){
//PromptOK(AsString(n1));

n1 = 0;
PromptOK(AsString(n)+":n");
++n;
continue;

} else {
optree.Insert(n,n1,sql[2].ToString());
n1++;
PromptOK(AsString(n1 )+":n1");
}
}

// optree.Insert(5,0,"foo");
// optree.Insert(5,1,"foo2");

// optree.Add(
}


```

File Attachments

1) [Screenshot_2020-04-24_19-55-25.png](#), downloaded 217 times
