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Subject: A trouble with "select" from Oracle DB  
Posted by [porto](#) on Mon, 18 Oct 2010 13:52:40 GMT  
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I have a problem with selecting data from the DB (Oracle ver. 10.2). The database has a table that contains 14,124 rows. When I try to fetch data with this code:

```
Oracle8 oracle;  
oracle.Open("user/pass@server/db", false));  
Sql sql(oracle);  
sql.Execute("select * from IKIS_ERS.INSUR_ANKT_A");  
while(sql.Fetch())  
Cout() << sql[0] << "\n";
```

I get only 345 rows. When I try to select data from the database using the same SQL query with "SQLPlus Worksheet" (its a tool from Oracle), I get 14,600 (why not 14,124 I don't know).

When I tried to insert `settrace()`, in the log I got:  
Error: ORA-01406: fetched column value was truncated  
This is what I found about this error:  
Quote:ORA-01406:fetched column value was truncated

Cause: In a host language program, a FETCH operation was forced to truncate a character string. The program buffer area for this column was not large enough to contain the entire string. The cursor return code from the fetch was +3.

Action: Increase the column buffer area to hold the largest column value or perform other appropriate processing.

How can I increase the column buffer?

Sorry for bad English.

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