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DBMS_OUTPUT.PUT_LINE not printing

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When executing the following code, it just says the procedure is completed and doesn't print the information I want it to (firstName, lastName) and then the other values from the select query in a table below.

```
CREATE OR REPLACE PROCEDURE PRINT_ACTOR_QUOTES (id_actor char)
AS
CURSOR quote_recs IS
SELECT a.firstName,a.lastName, m.title, m.year, r.roleName ,q.quotechar from quote q,
role r,
rolequote rq, actor a, movie m
where
rq.quoteID = q.quoteID
AND
rq.roleID = r.roleID
AND
r.actorID = a.actorID
AND
r.movieID = m.movieID
AND
a.actorID = id_actor;
BEGIN
FOR row IN quote_recs LOOP
DBMS_OUTPUT.PUT_LINE('a.firstName' || 'a.lastName');

end loop;
END PRINT_ACTOR_QUOTES;
/
```

When setting server output on, I get

```
a.firstNamea.lastName  
a.firstNamea.lastName  
a.firstNamea.lastName  
a.firstNamea.lastName
```

multiple times!

[plsql](#)[oracle10g](#)[sqlplus](#)[dbms-output](#)

edited May 16 '14 at 3:41



[Matthew Martin](#)

18.5k 26 88 153

asked May 3 '12 at 15:24



[dexter](#)

357 1 3 6

6 Answers



What is "it" in the statement "it just says the procedure is completed"?

147



By default, most tools do not configure a buffer for `dbms_output` to write to and do not attempt to read from that buffer after code executes. Most tools, on the other hand, have the ability to do so. In SQL*Plus, you'd need to use the command `set serveroutput on [size N|unlimited]` . So you'd do something like

```
SQL> set serveroutput on size 30000;  
SQL> exec print_actor_quotes( <<some value>> );
```

In SQL Developer, you'd go to `View | DBMS Output` to enable the DBMS Output window, then push the green plus icon to enable DBMS Output for a particular session.

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Additionally, assuming that you don't want to print the literal "a.firstNamea.lastName" for every row, you probably want

```
FOR row IN quote_recs
LOOP
  DBMS_OUTPUT.PUT_LINE( row.firstName || ' ' || row.lastName );
END LOOP;
```

answered May 3 '12 at 15:30



[Justin Cave](#)

190k 18 293 325

Sorry, when executing the procedure above the message is PL/SQL procedure successfully completed. I am using SQL plus – [dexter](#) May 3 '12 at 15:32

6 @dexter - OK. Then you just need to add the `set serveroutput on` command before executing the procedure in SQL*Plus. – [Justin Cave](#) May 3 '12 at 15:34

please see my edit – [dexter](#) May 3 '12 at 15:36

@dexter - Right. See my comment at the end-- if you don't want that literal for every row, you'll probably want the syntax I posted at the end of my answer. – [Justin Cave](#) May 3 '12 at 15:38

Ok so now it displays the correct names but like 100times. how would i display title, year, rolename, quote in a table below instead of the 100s of name that appears – [dexter](#) May 3 '12 at 15:43

I am using Oracle SQL Developer,

1

In this tool, I had to **enable DBMS output** to view the results printed by `dbms_output.put_line`

You can find this option in the result pane where other query results are displayed. so, in the result pane, I have 7 tabs. 1st tab named as

Results, next one is Script Output and so on. Out of this you can find a tab named as "DBMS Output" select this tab, then the 1st icon (looks like a dialogue icon) is **Enable DBMS Output**. Click this icon. Then you execute the PL/SQL, then select "DBMS Output tab, you should be able to see the results there.

answered Jan 25 at 5:21



[John Prawyn](#)

581 1 8 23

Set Query as below at first line

3

SET SERVEROUTPUT **ON**

answered Sep 3 '18 at 11:40



[Sreenath S](#)

183 1 6

this statement

14

`DBMS_OUTPUT.PUT_LINE('a.firstName' || 'a.lastName');`

means to print the string as it is.. **remove the quotes** to get the values to be printed. So the correct syntax is

```
DBMS_OUTPUT.PUT_LINE(a.firstName || a.lastName);
```

edited Jul 13 '16 at 13:01

answered May 9 '12 at 5:59



Jeevi

1,548 5 27 53



14



1. Ensure that you have your Dbms Output window open through the view option in the menubar.
2. Click on the green '+' sign and add your database name.
3. Write 'DBMS_OUTPUT.ENABLE;' within your procedure as the first line. Hope this solves your problem.

edited May 23 '16 at 8:28



Usman Maqbool

2,166 6 20 35

answered May 23 '16 at 7:29



Atul Patel

166 1 6

- 1 I didn't have to do step 3. Also thanks @Atul and @Usman! –
Eric Milliot-Martinez Jul 11 '16 at 20:31



0



All of them are concentrating on the for loop but if we use a normal loop then we had to use of the cursor record variable. The following is the modified code

```
CREATE OR REPLACE PROCEDURE PRINT_ACTOR_QUOTES (id_actor char)
AS
  CURSOR quote_recs IS
  SELECT a.firstName,a.lastName, m.title, m.year, r.roleName ,q.quo
q, role r,
  rolequote rq, actor a, movie m
  where
```

```
rq.quoteID = q.quoteID
AND
rq.roleID = r.roleID
AND
r.actorID = a.actorID
AND
r.movieID = m.movieID
AND
a.actorID = id_actor;
recd quote_recs%rowtype;
BEGIN
open quote_recs;
LOOP
fetch quote_recs into recs;
exit when quote_recs%notfound;
DBMS_OUTPUT.PUT_LINE(recd.firstName || recd.lastName);
end loop;
close quote_recs;
END PRINT_ACTOR_QUOTES;
/
```

answered Sep 2 '14 at 7:25



Smart003

729 1 9 23