



Display Database Session Information

Sometimes you need a quick overview, what your users are doing currently on the database. On tip is to start the AlligatorSQL and open the database tool box but often you need only a single script, that you can start with SQL Plus.

01_002_04

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Here is a short one that displays the activity of the actual session.

```

spool vsession.log;
set linesize 132;
set pagesize 060;
column started_at format A21;
select substr(instance_name,01,10) instance
      ,substr(host_name,01,20) hostname
      ,version
      ,substr(to_char(startup_time,'DD-MON-YYYY HH24:MI'),01,17)
startup_time
      ,substr(to_char(sysdate,'DD-MON-YYYY HH24:MI'),01,17) runtime from
v$instance ; column sid format 9999 heading 'Sid'; column serial# format
9999999 heading 'Serial#';
column user# format 99999 heading 'User#';
column Terminal format A15 heading 'Terminal'
column Program format A20 heading 'Program'
prompt .....
prompt ....Order by User.....
prompt .....
break on username skip 1
column username format A14 wrap;
column sid format 9999 heading 'Sid';
column serial# format 9999999 heading 'Serial#';
column user# format 99999 heading 'User#';
column osuser format A12 heading 'OS User' print;
column Terminal format A10 heading 'Terminal'
column Program format A20 heading 'Program'
column job format A07 wrap
select substr(nvl(v.username,'ORACLE'),01,14) username
      ,v.sid
      ,v.serial#
      ,substr(v.osuser,01,12) osuser
      ,p.spid
      ,v.status
      ,v.terminal
      ,v.program
      ,substr(to_char(v.logon_time,'DDMONYY HH24:MM'),01,13) logon_time
      ,upper(decode(nvl(v.command,0),
0, '--',
1, 'Create Table',
2, 'Insert ...',
3, 'Select ...',
4, 'Create Cluster',
5, 'Alter Cluster',
6, 'Update ...',
7, 'Delete ...',
8, 'Drop ...',
9, 'Create Index',
10, 'Drop Index',

```

```
11, 'Alter Index',
12, 'Drop Table',
13, '--',
14, '--',
15, 'Alter Table',
16, '--',
17, 'Grant',
18, 'Revoke',
19, 'Create Synonym',
20, 'Drop Synonym',
21, 'Create View',
22, 'Drop View',
23, '--',
24, '--',
25, '--',
26, 'Lock Table',
27, 'No Operation',
28, 'Rename',
29, 'Comment',
30, 'Audit',
31, 'NoAudit',
32, 'Create Ext DB',
33, 'Drop Ext. DB',
34, 'Create Database',
35, 'Alter Database',
36, 'Create RBS',
37, 'Alter RBS',
38, 'Drop RBS',
39, 'Create Tablespace',
40, 'Alter Tablespace',
41, 'Drop tablespace',
42, 'Alter Session',
43, 'Alter User',
44, 'Commit',
45, 'Rollback',
46, 'Savepoint')) job
```

```
FROM
  v$session v
  ,v$process p
WHERE p.addr = v.paddr
ORDER BY 1,4,6
/
```