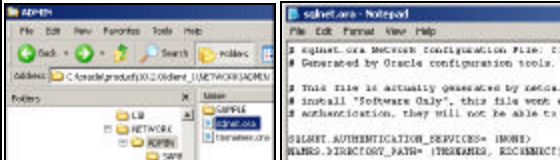


SQL*Plus Features & Online Documentation

Schemas & Logging On as Another User

- **SHOW USER**
 - a SQL*Plus command to verify who the current user is
- **CONNECT username@host**
 - SQL*Plus command to login to a different schema without exiting SQL*Plus
 - **autocommits** any pending transaction!

```
SQL> connect scott@cis119do
Enter password: *****
Connected.
SQL> show user
USER is 'SCOTT'
SQL> connect
ttrollen@cis119do
Enter password: *****
```



SQL*Plus LINESIZE Command

```
SET LINESIZE {80|n}
```

- Sets the number of characters SQL*Plus displays on a line before beginning a new line
- Defaults to 80 characters

```
SQL> SELECT * FROM writer;
SQL> SET LINESIZE 120
SQL> /
SQL> SET LINES 80
SQL> /
```

SQL *Plus PAGESIZE Command

```
SET PAGESIZE {14|n}
```

- Sets the number of lines displayed before headings, titles, etc. are repeated
- Defaults to 14 lines
- Set PAGESIZE to zero to suppress column headings

```
SQL>SET PAGESIZE 0  
SQL>/  
SQL>SET PAGES 50
```

4

SQL *Plus FEEDBACK Command

```
SET FEEDBACK [numlines|6|off]
```

- See/suppress message indicating the number of rows processed

```
SQL> SELECT writerid, ln, phone  
      FROM writer  
      WHERE ln = 'Martinez';  
WRIT LN                               PHONE  
-----  
M420 Martinez                         (544) 332-7788  
M635 Martinez                         (610) 502-8244  
SQL> set feedback 1  
SQL> /  
WRIT LN                               PHONE  
-----  
M420 Martinez                         (544) 332-7788  
M635 Martinez                         (610) 502-8244  
2 rows selected.
```

5

SQL *Plus SPOOL Command

- Creates a text file containing a transcript of your session
 - default location is c:\oracle\product\10.2.0\client_1\BIN\
 - default extension is .LST
 - if a file with same name already exists in the folder it is **overwritten without warning**

```
SQL> spool h:\project1.txt  
SQL> desc writer  
SQL> SELECT * FROM writer;  
SQL> spool off
```

6

Comments

- Non executable
 - -- style
 - /* */ style

```
SQL> -- STEP 6 is below
SQL> SELECT *
2 FROM writer;
```

```
SQL> /* these 3 lines are a
SQL> multi-line comment...
SQL> so they are not executed*/
```

7

SQL*Plus EXIT Command

- The proper way to end an SQL*Plus session
 - don't click the SQL*Plus window's Close button
- Automatically COMMITs any pending data changes

```
SQL> exit
```

8

SQL Statements Versus SQL*Plus Commands

SQL

- A language
- ANSI standard
- Keywords cannot be abbreviated
- Statements manipulate data and table definitions in the database

SQL statements

SQL buffer

SQL*Plus

- An environment
- Oracle proprietary
- Keywords can be abbreviated
- Commands do not allow manipulation of values in the database

SQL*Plus commands

SQL*Plus buffer

9



LOGIN.SQL

- An unformatted text file containing SQL statements, SQL*Plus Commands, and PL/SQL code blocks to automatically execute when launch SQL*Plus
- Does not apply to iSQL*Plus

```
-- c:\oracle\product\10.2.0\client_1\BIN\login.sql  
  
SET LINESIZE 120  
SET PAGESIZE 60  
SET COLSEP ' | '  
SET SQLPROMPT '&_CONNECT_IDENTIFIER > '  
SET TIME ON
```

10



Online Documentation

- Available at <http://cisdev.sc.maricopa.edu>
- Books tab
 - SQL Reference
 - SQL*Plus User's Guide and Reference
 - HTML and PDF for each
 - Hyperlinks for
 - Index
 - Contents

11
