

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows the 'Oracle 19c - GitHub Project' connection. The 'Procedures' folder is expanded, listing several procedures including 'SP\_DYN\_ORDER\_UPD'. The main workspace shows the SQL script for creating or replacing the 'sp\_dyn\_order\_upd' procedure. The script includes parameter declarations, a sequence assignment, an insert statement, a commit, and a dynamic SQL block executed via 'EXECUTE IMMEDIATE'. It also features an exception handler for errors.

```
1 CREATE OR REPLACE PROCEDURE sp_dyn_order_upd
2 (
3   v_dyn_ord_id  IN OUT NUMBER,
4   v_dyn_acct_id IN      NUMBER,
5   v_dyn_quote_id IN      NUMBER,
6   v_dyn_cat_id  IN      NUMBER
7 )
8 AS
9 BEGIN
10   v_dyn_ord_id := dyn_order_upd_SEQ.NEXTVAL;
11
12   INSERT INTO dyn_order_upd
13   (dyn_ord_id, dyn_acct_id, dyn_quote_id, dyn_cat_id)
14
15   VALUES (v_dyn_ord_id, v_dyn_acct_id, v_dyn_quote_id, v_dyn_cat_id);
16 COMMIT;
17 END;
18 /
19 DECLARE
20   PLSQL_BLOCK varchar2(500);
21   new_dyn_ord_id  NUMBER(8);
22   new_dyn_acct_id NUMBER(8) := dyn_acct_id_SEQ.NEXTVAL;
23   new_dyn_quote_id NUMBER(8) := dyn_quote_id_SEQ.NEXTVAL;
24   new_dyn_cat_id  NUMBER(8) := dyn_cat_id_SEQ.NEXTVAL;
25 BEGIN
26   PLSQL_BLOCK := 'BEGIN sp_dyn_order_upd(:a, :b, :c, :d); END;';
27   EXECUTE IMMEDIATE PLSQL_BLOCK
28   USING IN OUT new_dyn_ord_id, new_dyn_acct_id, new_dyn_quote_id, new_dyn_cat_id;
29 EXCEPTION
30   WHEN
31     OTHERS
32   THEN
33     Dbms_Output.Put_Line('Dynamic Order table failed due to: ' || SQLERRM);
34 END sp_dyn_order_upd;
35 /
36
```

SQL Plus

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SQL> SELECT * FROM dyn_order_upd;
```

DYN_ORD_ID	DYN_ACCT_ID	DYN_QUOTE_ID	DYN_CAT_ID
22220001	33330001	44440001	12340001
22220002	33330002	44440002	12340002
43210001	33330003	44440003	12340003
43210002	33330004	44440004	12340004
43210003	33330005	44440005	12340005
43210004	33330006	44440006	12340006
22220005	33330007	44440007	12340007
43210005	33330008	44440008	12340008