Oracle Dynamic Stored Procedures

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Below you'll find a basic example of Oracle's *Execute Immediate* statement. This statement allows executing dynamic queries or DDL statements from within PL/SQL.

In the example we count how many records there are in a specific table with a certain value for a field.

The table, field and value are not known upfront and passed as parameters of the stored procedure. The number of found records is returned as a result.

```
PROCEDURE DYNAMIC_GET_VALUE
(
        P_TABLE                 IN  VARCHAR,
        P_FIELD                 IN  VARCHAR,
        P_VALUE                 IN  VARCHAR,
        P_RESULT          OUT  NUMBER
)
AS
        V_RESULT        NUMBER;
BEGIN

        EXECUTE IMMEDIATE
                'SELECT COUNT('||P_FIELD||')'||
                ' FROM  '||P_TABLE||
                ' WHERE '||P_FIELD||' = '||P_VALUE
        INTO V_RESULT;


        P_RESULT = V_RESULT;


        RETURN P_RESULT;
END;
```

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