**SQL> Explain Plan for**

**2 SELECT C.Country\_name,**

**3 E.employee\_id,**

**4 E.last\_name,**

**5 D.department\_name**

**6 FROM employees E, departments D, locations L, countries C;**

Explained.

**SQL> SELECT plan\_table\_output**

**2 FROM table(dbms\_xplan.display('plan\_table',null,'typical'));**

PLAN\_TABLE\_OUTPUT

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Plan hash value: 2870786914

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| Id | Operation | Name | Rows | Bytes | Cost (%CPU)| Time |

--------------------------------------------------------------------------------------

| 0 | SELECT STATEMENT | | 1630K| 51M| 8592 (1)| 00:01:44 |

| 1 | MERGE JOIN CARTESIAN | | 1630K| 51M| 8592 (1)| 00:01:44 |

| 2 | MERGE JOIN CARTESIAN | | 15525 | 318K| 166 (0)| 00:00:02 |

| 3 | MERGE JOIN CARTESIAN| | 575 | 5175 | 9 (0)| 00:00:01 |

| 4 | INDEX FULL SCAN | SYS\_C007038 | 23 | | 1 (0)| 00:00:01 |

| 5 | BUFFER SORT | | 25 | 225 | 8 (0)| 00:00:01 |

| 6 | TABLE ACCESS FULL | COUNTRIES | 25 | 225 | 0 (0)| 00:00:01 |

| 7 | BUFFER SORT | | 27 | 324 | 166 (0)| 00:00:02 |

| 8 | TABLE ACCESS FULL | DEPARTMENTS | 27 | 324 | 0 (0)| 00:00:01 |

| 9 | BUFFER SORT | | 105 | 1260 | 8592 (1)| 00:01:44 |

| 10 | TABLE ACCESS FULL | EMPLOYEES | 105 | 1260 | 1 (0)| 00:00:01 |

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17 rows selected.

**------------------------------------------------------------------------------------------------------------------------------------------**

**SQL> Explain Plan for**

**2 SELECT C.Country\_name,**

**3 E.employee\_id,**

**4 E.last\_name,**

**5 D.department\_name**

**6 FROM employees E JOIN departments D ON (E.department\_id = D.department\_id)**

**7 JOIN locations L ON (D.location\_id = L.location\_id)**

**8 JOIN countries C ON (L.country\_id = C.country\_id);**

Explained.

**SQL> SELECT plan\_table\_output**

**2 FROM table(dbms\_xplan.display('plan\_table',null,'typical'));**

PLAN\_TABLE\_OUTPUT

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Plan hash value: 876217263

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| Id | Operation | Name | Rows | Bytes | Cost (%CPU)| Time |

------------------------------------------------------------------------------------

| 0 | SELECT STATEMENT | | 104 | 5408 | 10 (20)| 00:00:01 |

|\* 1 | HASH JOIN | | 104 | 5408 | 10 (20)| 00:00:01 |

|\* 2 | HASH JOIN | | 27 | 999 | 7 (15)| 00:00:01 |

|\* 3 | HASH JOIN | | 23 | 414 | 5 (20)| 00:00:01 |

| 4 | TABLE ACCESS FULL| LOCATIONS | 23 | 138 | 2 (0)| 00:00:01 |

| 5 | TABLE ACCESS FULL| COUNTRIES | 25 | 300 | 2 (0)| 00:00:01 |

| 6 | TABLE ACCESS FULL | DEPARTMENTS | 27 | 513 | 2 (0)| 00:00:01 |

| 7 | TABLE ACCESS FULL | EMPLOYEES | 105 | 1575 | 2 (0)| 00:00:01 |

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Predicate Information (identified by operation id):

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1 - access("E"."DEPARTMENT\_ID"="D"."DEPARTMENT\_ID")

2 - access("D"."LOCATION\_ID"="L"."LOCATION\_ID")

3 - access("L"."COUNTRY\_ID"="C"."COUNTRY\_ID")

21 rows selected.

SQL>