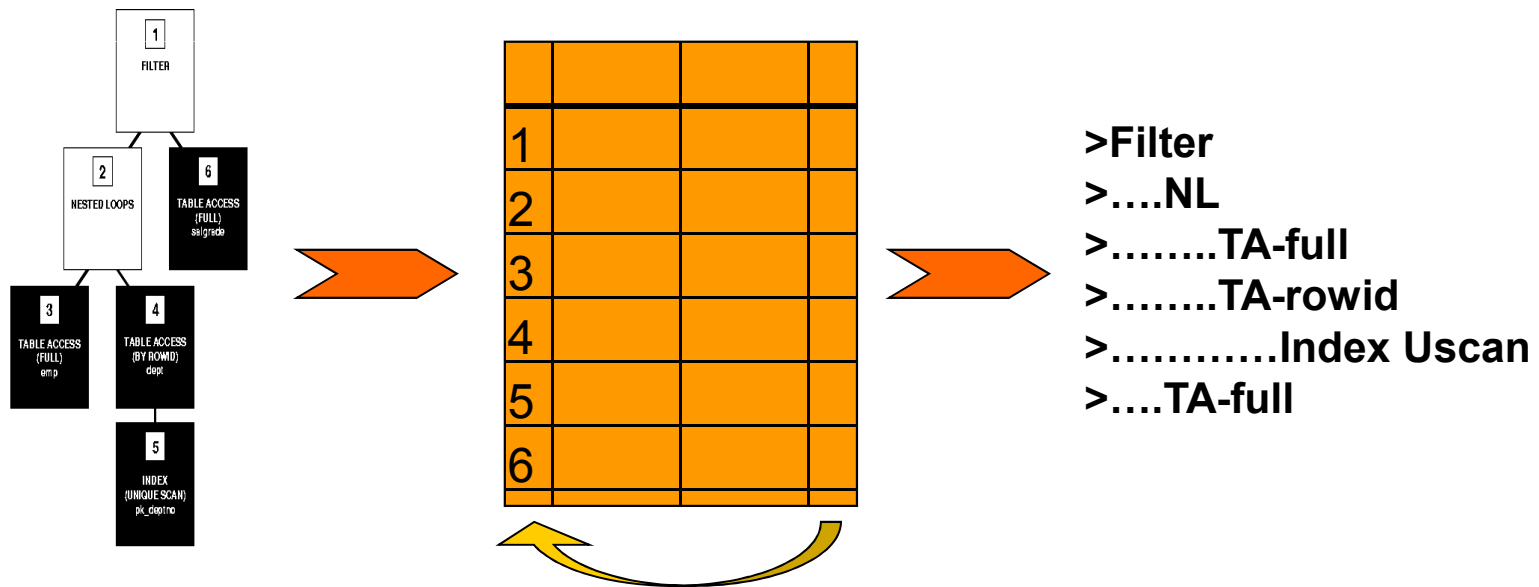


Explain Plan Utility

- “Explain plan for <SQL-statement>”
 - Stores plan (row-sources + operations) in Plan_Table
 - View on Plan_Table (or 3rd party tool) formats into readable plan



Explain Plan Utility

```
create table PLAN_TABLE (  
  statement_id    varchar2(30),    operation      varchar2(30),  
  options         varchar2(30),    object_owner   varchar2(30),  
  object_name     varchar2(30),    id            numeric,  
  parent_id      numeric,         position      numeric,  
  cost           numeric,         bytes         numeric);
```

```
create or replace view PLANS(STATEMENT_ID,PLAN,POSITION) as  
select statement_id,  
  rpad('>',2*level,'.')||operation||  
  decode(options,NULL,'',' (')||nvl(options,' ')||  
  decode(options,NULL,'',') ')||  
  decode(object_owner,NULL,'',object_owner||'.')||object_name plan,  
  position  
from plan_table  
start with id=0  
connect by prior id=parent_id  
           and prior nvl(statement_id,'NULL')=nvl(statement_id,'NULL')
```