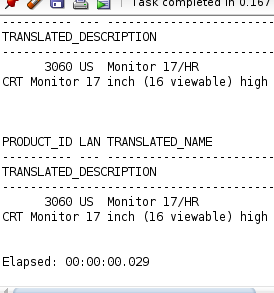
Contraints: 0

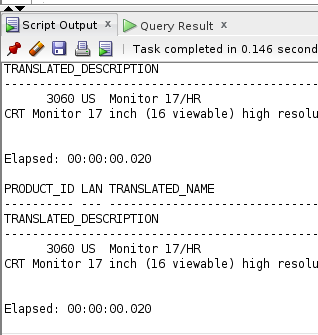
Consulta sem PK

* Connect system/fatec
* Documentar no relatório as constraints da tabela oe.product\_descriptions;
* Alter table oe.product\_descriptions drop primary key;
* Drop index oe.prd\_desc\_pk;
* Select \*   
  from oe.product\_descriptions  
  where product\_id = 3060 and language\_id =‘US’;
* Anotar o tempo de execução da consulta;



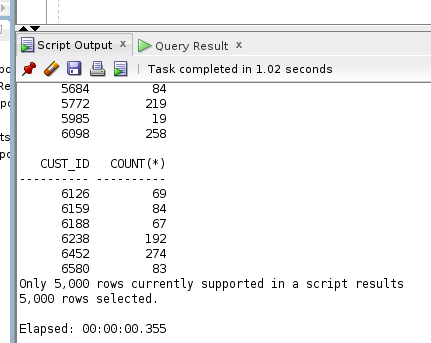
Consulta com PK

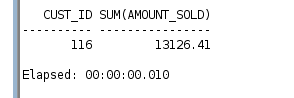
* Alter table oe.product\_descriptions add primary key (product\_id, language\_id );
* Select \*   
  from oe.product\_descriptions  
  where product\_id = 3060 and language\_id =‘US’;
* Anotar o tempo de execução;
* Observar a diferença de valores



Consulta das vendas sem campo consolidado

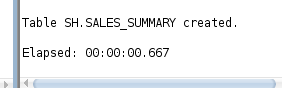
* Select cust\_id, count(\*) from sh.sales group by cust\_id;
* Select CUST\_ID, sum(AMOUNT\_SOLD)  
  from SH.sales   
  WHERE CUST\_ID = 116  
  group by CUST\_ID;
* Medir o tempo de execução da consulta

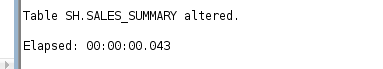


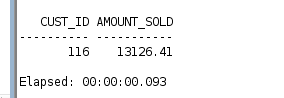


Consulta das vendas com campo consolidado

* Create table sh.sales\_summary as Select CUST\_ID, sum(AMOUNT\_SOLD) AMOUNT\_SOLD  
  from SH.sales   
  group by CUST\_ID;
* Alter table sh.sales\_summary add primary key (CUST\_ID);
* Select CUST\_ID, AMOUNT\_SOLD  
  from SH.sales\_summary   
  WHERE CUST\_ID = 116;
* Anotar o tempo de execução;
* Observar a diferença de valores







PARTE 2

* + Consulta de registros sem PK





Consulta com PK





Com Indice

**PARTE 2**

