Tp -Index Correction

M1- MIAGE 2015/2016

February 29, 2016

```
select * from adjectifs where mot = 'amorphe'
 ---------------------------------------------------------------------------
| Id  | Operation                    | Name        | Rows  | Bytes | Cost (%CPU)|
---------------------------------------------------------------------------
|   0 | SELECT STATEMENT             |             |     1 |    20 |     2   (0)|
|   1 |  TABLE ACCESS BY INDEX ROWID | ADJECTIFS   |     1 |    20 |     2   (0)|
|   2 |   INDEX RANGE SCAN           | ADJNOM_IND  |     1 |       |     1   (0)|
---------------------------------------------------------------------------

select * from adjectifs where mot like 'amo%'
 ---------------------------------------------------------------------------
| Id  | Operation                    | Name        | Rows  | Bytes | Cost (%CPU)|
---------------------------------------------------------------------------
|   0 | SELECT STATEMENT             |             |     2 |    40 |     3   (0)|
|   1 |  TABLE ACCESS BY INDEX ROWID | ADJECTIFS   |     2 |    40 |     3   (0)|
|   2 |   INDEX RANGE SCAN           | ADJNOM_IND  |     2 |       |     2   (0)|
---------------------------------------------------------------------------
select * from adjectifs where mot like '%z%'

 -----------------------------------------------------------------
| Id  | Operation          | Name       | Rows  | Bytes | Cost (%CPU)|
-----------------------------------------------------------------
|   0 | SELECT STATEMENT   |            |   505 | 10100 |    19   (0)|
|   1 |  TABLE ACCESS FULL | ADJECTIFS  |   505 | 10100 |    19   (0)|
-----------------------------------------------------------------

select * from adjectifs where mot between 'amovible' and 'assis'
 ---------------------------------------------------------------------------
| Id  | Operation                    | Name        | Rows  | Bytes | Cost (%CPU)|
---------------------------------------------------------------------------
|   0 | SELECT STATEMENT             |             |   414 |  8280 |    15   (0)|
|   1 |  TABLE ACCESS BY INDEX ROWID | ADJECTIFS   |   414 |  8280 |    15   (0)|
|   2 |   INDEX RANGE SCAN           | ADJNOM_IND  |   414 |       |     3   (0)|
---------------------------------------------------------------------------
```

```
select * from adjectifs where substr(mot,1,1) = 'a';
-------------------------------------------------------------------
| Id  | Operation          | Name      | Rows  | Bytes | Cost (%CPU)|
-------------------------------------------------------------------
|   0 | SELECT STATEMENT   |           |   101 |  2020 |    19   (0)|
|   1 |  TABLE ACCESS FULL | ADJECTIFS |   101 |  2020 |    19   (0)|
-------------------------------------------------------------------
select min(mot) from adjectifs
 ----------------------------------------------------------------------------
| Id  | Operation             | Name        | Rows  | Bytes | Cost (%CPU)|
----------------------------------------------------------------------------
|   0 | SELECT STATEMENT      |             |     1 |    11 |     2   (0)|
|   1 |  SORT AGGREGATE       |             |     1 |    11 |            |
|   2 |   INDEX FULL SCAN (MIN/MAX)| ADJNOM_IND |  1 |    11 |     2   (0)|
----------------------------------------------------------------------------
 select mot from adjectifs where trie = 'acfinrs'
----------------------------------------------------------------------------
| Id  | Operation                   | Name      | Rows  | Bytes | Cost (%CPU)|
----------------------------------------------------------------------------
|   0 | SELECT STATEMENT            |           |     1 |    20 |     2   (0)|
|   1 |  TABLE ACCESS BY INDEX ROWID| ADJECTIFS |     1 |    20 |     2   (0)|
|   2 |   INDEX RANGE SCAN          | INDEXTRI  |     1 |       |     1   (0)|
----------------------------------------------------------------------------
delete from adjectifs where mot ='chrysoptère';
-------------------------------------------------------------------
| Id  | Operation         | Name      | Rows  | Bytes | Cost (%CPU)|
-------------------------------------------------------------------
|   0 | DELETE STATEMENT  |           |     1 |    20 |     1   (0)|
|   1 |  DELETE           | ADJECTIFS |       |       |            |
|   2 |   INDEX RANGE SCAN| ADJNOM_IND |    1 |    20 |     1   (0)|
-------------------------------------------------------------------
select a1.mot, a2.mot from adjectifs a1, adjectifs a2
               where a1.trie = a2.trie and a1.mot <> a2.mot ;
 --------------------------------------------------------------------------
| Id  | Operation          | Name      | Rows  | Bytes | Cost (%CPU)|
--------------------------------------------------------------------------
|   0 | SELECT STATEMENT   |           | 10182 |  397K |    39   (3)|
|   1 |  HASH JOIN         |           | 10182 |  397K |    39   (3)|
|   2 |   TABLE ACCESS FULL| ADJECTIFS | 10093 |  197K |    19   (0)|
|   3 |   TABLE ACCESS FULL| ADJECTIFS | 10093 |  197K |    19   (0)|
--------------------------------------------------------------------------
```