**Task 3.21.1 WP Subdivision Stats Apr 6, 2015**

Compile Stats for Subdivisions.

This info is used by a Wordpress site and accessed via an API

Start Processing

* Write process start record to the Process\_Status\_Log table

Process name : Compile\_Subdivision\_Stats

Process id: 3.21

* Use the Subdivision\_Stats table structure to create the Subdivision\_Stats\_tmp table
* Retrieve the Subdivision records to process

SELECT Sub\_id,

Common\_id,

Subdivision

FROM tb\_Subdivision\_City

where Sub\_id = Common\_id

AND Accepted = 1

* For each Subdivision record gather the **Active** listings stats

INSERT INTO Subdivision\_Stats\_tmp

(Sub\_id, Subdivision,Year,PropertyType, Status,

MinPrice, MaxPrice, AvgPrice,

TotalListings)

SELECT c.Sub\_id,

c.Subdivision,

“5000”,

r.PropertyType, r.Status,

MIN(r.ClosePrice) as MinPrice,

MAX(r.ClosePrice) as MaxPrice,

ROUND(Avg(r.ClosePrice),0) as AvgPrice,

count(\*) as TotalListings

FROM Real\_Listing r, Real\_Polygon p, Polygon\_Subdivision s, tb\_Subdivision\_City c

where r.Location\_id = p.Location\_id

and p.Polygon\_id = s.Polygon\_id

and s.Sub\_id = c.Sub\_id

and LEFT(CloseDate,4)>= <last 3 years>

and c.Common\_id = <Sub\_id of selected subdivision>

and r.Status IN ("A",”U”)

group by r.PropertyType

* For each Subdivision record gather the **Sold** stats

INSERT INTO Subdivision\_Stats\_tmp

(Sub\_id, Subdivision,Year, PropertyType, Status,

MinPrice, MaxPrice, AvgPrice,

TotalSales)

SELECT c.Sub\_id,

c.Subdivision,

LEFT(r.CloseDate,4) AS Year,

r.PropertyType, r.Status,

MIN(r.ClosePrice) as MinPrice,

MAX(r.ClosePrice) as MaxPrice,

ROUND(Avg(r.ClosePrice),0) as AvgPrice,

count(\*) as TotalSales

FROM Real\_Listing r, Real\_Polygon p, Polygon\_Subdivision s, tb\_Subdivision\_City c

where r.Location\_id = p.Location\_id

and p.Polygon\_id = s.Polygon\_id

and s.Sub\_id = c.Sub\_id

and LEFT(CloseDate,4)>= <last 3 years>

and c.Common\_id = <Sub\_id of selected subdivision>

and r.Status="S"

group by LEFT(CloseDate,4),r.PropertyType

* Move Subdivision\_Stats\_tmp into production

Rename the Subdivision\_Stats tables as follows (ie. last 3 table versions are kept)

If Subdivision\_Stats\_3 Exist

* + Drop Subdivision\_Stats\_3

If Subdivision\_Stats\_2 Exist

* + Rename to Subdivision\_Stats\_3

If Subdivision\_Stats \_1 Exist

* + Rename to Subdivision\_Stats \_2

If Subdivision\_Stats Exist

* + Rename to Subdivision\_Stats \_1
  + Rename Subdivision\_Stats \_tmp to Subdivision\_Stats
* Writeprocess end record to the Process\_Status\_Log table