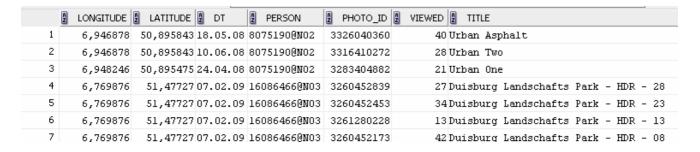
Database Schema of kd-photomap

FLICKR_DE_WEST_TABLE

Store the information of photos

```
"LONGITUDE" FLOAT(126),
"LATITUDE" FLOAT(126),
"DT" DATE,
"PERSON" VARCHAR2(255),
"PHOTO_ID" PK NUMBER,
"VIEWED" NUMBER,
"TITLE" VARCHAR2(255),
"RAWTAGS" VARCHAR2(1000),
"SMALLURL" VARCHAR2(100),
```



```
FLICKR_DE_WEST_TABLE _5000
FLICKR_DE_WEST_TABLE _10000
FLICKR_DE_WEST_TABLE _20000
FLICKR_DE_WEST_TABLE _40000
FLICKR_DE_WEST_TABLE _80000
```

Store the information of the polygons with different radius

```
"ID" PK NUMBER, -polygon id

"NAME" VARCHAR2(10 CHAR), -polygon name

"NUMBER_OF_EVENTS" NUMBE, -total number of photos

"GEOM" "MDSYS"."SDO_GEOMETRY", -polygon geo-coordinates
```

	A	ID	A	NAME	A	NUMBER_OF_EVENTS	GEOM
1		85	85			2840	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
2		86	86			495	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
3		87	87			1495	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
4		88	88			979	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
5		89	89			2726	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
6		90	90			880	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.
7		91	91			406	MDSYS.SDO_GEOMETRY(2003,8307,'null',MDSYS.

FLICKR_DE_WEST_TABLE _COUNT

Store the number of photos information for all polygons and persons

```
Composite PK NUMBER, - polygon id
"RADIUS" Composite PK NUMBER, -polygon radius
"PERSON" CLOB, -number of photos taken by different persons
              Format: personid_1:numbers;personid_2:numbers;.....
"HOUR" CLOB,
               -number of photos taken within different hours
               Format: yyyy-MM-dd@HH24:numbers; yyyy-MM-dd@HH24:numbers;.....
"DAY" CLOB,
               -number of photos taken within different hours
              Format: yyyy-MM-dd:numbers; yyyy-MM-dd:numbers; ...
"MONTH" CLOB,
              -number of photos taken within different months
              Format: yyyy-MM:numbers; yyyy-MM:numbers; .....
"YEAR" CLOB,
              -number of photos taken within different years
              Format: yyyy:numbers; yyyy:numbers; .....
```

"TOTAL" NUMBER, -total number of photos

	g ID	RADIUS	PERSON	HOUR
1	102	10000	83297140@N00:1;51941251@N00:2;34279691@N00:2;10115395@N08:2;26996390@N00:1;	2005-08-20@16:1
2	419	5000	(null)	2005-03-03@17:3
3	881	5000	(null)	2007-03-03@18:3
4	37	20000	36783587@N08:1;69289225@N00:16;29734177@N03:2;10668263@N05:25;22922556@N08:	2005-05-26@13:1
5	18	10000	36199052@N07:1;23080997@N04:73;68226223@N00:64;48196166@N00:10;20981962@N07	2005-01-01@00:1
6	30	10000	85189535@N00:16;22070130@N07:43;8007849@N02:14;68226223@N00:21;54805498@N00	2005-01-05@12:6
7	42	10000	11944844@N00:21;27943017@N00:1;39126723@N05:14;30519745@N08:1;34009191@N02:	2005-01-25@20:1

FLICKR DE WEST TABLE GEOM

Store the location of the all photos

```
"PHOTO_ID" PK NUMBER, -photo id (FK from FLICKR_DE_WEST_TABLE)

"CLUSTER_R5000_ID" NUMBER, -id of 5000km radius polygon, where the photo is located

"CLUSTER_R10000_ID" NUMBER, -id of 10000km radius polygon, where the photo is located

"CLUSTER_R20000_ID" NUMBER, -id of 20000km radius polygon, where the photo is located

"CLUSTER_R40000_ID" NUMBER, -id of 40000km radius polygon, where the photo is located
```

"CLUSTER_R80000_ID" NUMBER, -id of 80000km radius polygon, where the photo is located

	B PHOTO_ID	CLUSTER_R5000_ID	CLUSTER_R10000_ID	CLUSTER_R20000_ID	🖁 CLUSTER_R40000_ID	🗓 CLUSTER_R80000_ID
106	321550635	15	4	Z	Z	2
107	321555704	21	8	4	5	5
108	321555709	21	8	4	5	5
109	321555713	21	8	4	5	5
110	321615532	588	181	38	2	2
111	321618630	53	100	9	14	4
112	321626690	462	272	69	14	4
113	321627943	146	9	45	6	2