

# 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),
```

	LONGITUDE	LATITUDE	DT	PERSON	PHOTO_ID	VIEWED	TITLE
1	6,946878	50,895843	18.05.08	8075190@N02	3326040360	40	Urban Asphalt
2	6,946878	50,895843	10.06.08	8075190@N02	3316410272	28	Urban Two
3	6,948246	50,895475	24.04.08	8075190@N02	3283404882	21	Urban One
4	6,769876	51,47727	07.02.09	16086466@N03	3260452839	27	Duisburg Landschafts Park - HDR - 28
5	6,769876	51,47727	07.02.09	16086466@N03	3260452453	34	Duisburg Landschafts Park - HDR - 23
6	6,769876	51,47727	07.02.09	16086466@N03	3261280228	13	Duisburg Landschafts Park - HDR - 13
7	6,769876	51,47727	07.02.09	16086466@N03	3260452173	42	Duisburg Landschafts Park - HDR - 08

## 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" NUMBER, -total number of photos
"GEOM" "MDSYS"."SDO_GEOMETRY", -polygon geo-coordinates
```

	ID	NAME	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

"ID" **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

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

## 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

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