

Bases de données avancées

Exercices dirigés: BD multimédia

Create a table IMAGE_TABLE containing images having three attributes:
an IMAGE_ID,
the name of the image file and
the image itself.

- a. Write a script that loads the images in this table the IMG directory defined in your database. The names of the files to be loaded are: *arbre1.jpg, arbre2.jpg, arbre3.jpg, bus1.jpg, bus2.jpg, mer1.jpg, mer2.jpg, vache1.jpg, vache2.jpg, vache3.jpg*
 - b. Write a query that displays the name and size of images starting with *a**.
 - c. Create an ORDImageIndex index of the signature in the IMAGE and run the same query on the table now using the ORDImageSignature object.
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1. Write a query that displays the name and size of images having size > 30000.
 2. Write a script that checks if image 'arbre1.jpg' is similar with all images.
 3. Write a script that finds similar images starting from a.

In this TP you have to submit your solutions for the questions b., 1., 2. and 3.

Suggestion: to repeat the treatment on each image, you can create a table of image names and iterate on it as in the following example:

```
declare
  type tabnoms is table of varchar(20);
  noms tabnoms := tabnoms('arbre1.jpg','arbre2.jpg',...);
  ...
begin
  for i in noms.first..noms.last loop
    -- traitements sur l'image noms(i)
  end loop ;
  ...
end;
```