



















The Oracle Multimedia **ORDImage object type ORDImage Methods** available getMetadata() checkProperties() copy() getWidth() getCompressionFormat() import() getContentFormat() importFrom() getContentLength() process() getDicomMetadata() processCopy() getFileFormat() putMetadata() getHeight() setProperties()



















- Replace the images in the database with BLOBs and process them in the cloud
- Change to data tables in our application











Make a report to see what has been uploaded

```
New Region - Classic Report
select id,
    mime_type,
    filename,
    uploaded_on,
    dbms_lob.getlength(thephoto) as photo_size
from my_photos;
```









- Create a second page process to upload the photo to Cloudinary using APEX_WEB_SERVICE and REST API
- Oracle Autonomous Cloud already has the Cloudinary certificates installed.

For an on-premises database, you would need to

- a) import the certificate into an Oracle Wallet
- b) ensure that the Network ACLs allow you to execute the Web Service call.









- Add a process that will call the Cloudinary REST API and ask it to resize the photo.
- To create a 300px wide thumbnail while preserving the aspectratio, we add /w_300 to the URL
- We then save the result in a column named thumbNail













xmp:CreateDate
dc:title
dc:description





• After extracted the metadata are simply inserted into the appropriate columns of their tables (e.g. date_taken, legend, etc.)



