

Utilisation des API REST pour récupération des photos (Université de Limoges)

Pré-requis :

1. Firewall ouvert port 8080 correspondant au connecteur http tomcat
2. Rajouter l'adresse IP du client fichier security.properties

```
accessRestrictionWSrestPhoto=hasIpAddress('127.0.0.1') or hasIpAddress('ip serveur') or ...
```

- Exemple PHP

le plugin CURL doit être rajouté dans le php.ini

Programme appelant

```
print "<img src=\"thumbnail.php?code=\".$seppn.\"\" width=125 height=150>";
```

thumbnail.php

```
<?php
extract($_GET);
Header("Content-type: image/jpeg");
$url = 'http://esup-sgc.univ-ville.fr:8080/wsrest/photo/' . $code . '/restrictedPhoto?cardEtat=ENABLED';
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_HEADER, false);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
curl_setopt($ch, CURLOPT_USERAGENT, 'Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.11 (KHTML, like Gecko) Chrome /23.0.1271.1 Safari/537.11');
$res = curl_exec($ch);
$rescode = curl_getinfo($ch, CURLINFO_HTTP_CODE);
curl_close($ch);
echo $res;
exit;
?>
```

- Exemple SQL ORACLE

url en paramètre

Function oracle

```
FUNCTION get_photo (p_url IN VARCHAR2)
RETURN BLOB;
```

Function body

```
FUNCTION get_photo (p_url IN VARCHAR2 )
    RETURN BLOB
IS
    l_http_request    UTL_HTTP.req;
    l_http_response    UTL_HTTP.resp;
    l_blob             BLOB;
    l_raw              RAW(32767);

BEGIN
    -- Initialize the BLOB.
    DBMS_LOB.createtemporary(l_blob, FALSE);
    -- Make a HTTP request and get the response.
    l_http_request := UTL_HTTP.begin_request(p_url);

    l_http_response := UTL_HTTP.get_response(l_http_request);
    -- Copy the response into the BLOB.
BEGIN
    LOOP
        UTL_HTTP.read_raw(l_http_response, l_raw, 32766);
        DBMS_LOB.writeappend (l_blob, UTL_RAW.length(l_raw), l_raw);
    END LOOP;
EXCEPTION
    WHEN UTL_HTTP.end_of_body THEN
        UTL_HTTP.end_response(l_http_response);
END;
    return l_blob;
EXCEPTION
    WHEN OTHERS
    THEN
        DBMS_OUTPUT.PUT_LINE(SQLERRM);

END;
```

Utilisation dans un report oracle

```
select get_photo ( 'http://esup-sgc.univ-ville.fr:8080/wsrest/photo/toto@univ-ville.fr/restrictedPhoto?cardEtat=ENABLED') photo , .....
```