



链滴

oracle 发送 HTTP 请求

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原文链接: <https://ld246.com/article/1538181893056>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

包体

create or replace package ODK_HTTP is

```
procedure p_PostRequest(v_url in varchar2,
                       v_params in varchar2,
                       retData out clob,
                       retCode out varchar2,
                       retMsg out varchar2);
```

```
procedure p_GET_DETAIL(v_params in varchar2,
                      retData out clob,
                      retCode out varchar2,
                      retMsg out varchar2);
```

-- HTTP请求：明细信息下载

```
procedure p_HTTP_TEST(v_url in varchar2,
                     v_params in varchar2,
                     retData out varchar2,
                     retCode out varchar2,
                     retMsg out varchar2);
```

end ODK_HTTP;

create or replace package body ODK_HTTP is

--

```
procedure p_PostRequest(v_url in varchar2,
                       v_params in varchar2,
                       retData out clob,
                       retCode out varchar2,
                       retMsg out varchar2) is
```

```
http_req UTL_HTTP.REQ;
http_resp UTL_HTTP.RESP;
v_FUrl varchar2(4000);
```

begin

```
retCode := '1';
retMsg := '调用服务成功';
-- 载入传入参数
v_FUrl := v_Url || '?' || v_params;
```

```
http_req := UTL_HTTP.BEGIN_REQUEST(url => v_FUrl, method => 'POST');
UTL_HTTP.SET_BODY_CHARSET('UTF-8');
UTL_HTTP.SET_HEADER(r => http_req,
                   name => 'Content-Type',
                   value => 'application/x-www-form-urlencoded');
--UTL_HTTP.SET_HEADER(http_req, 'Keep-Alive', ' timeout=1');
```

```
UTL_HTTP.WRITE_RAW(r => http_req,
                  data => UTL_RAW.CAST_TO_RAW(v_params));
```

```
http_resp := UTL_HTTP.GET_RESPONSE(http_req);
LOOP
```

```

    UTL_HTTP.READ_LINE(http_resp, retData, TRUE);
END LOOP;
UTL_HTTP.END_RESPONSE(http_resp);
EXCEPTION
WHEN UTL_HTTP.END_OF_BODY THEN
    UTL_HTTP.END_RESPONSE(http_resp);
WHEN OTHERS THEN
    retCode := '0';
    retMsg := '调用服务异常:( ' || sqlcode || ' )' || sqlerrm;
end;

-- HTTP请求: 明细信息下载
procedure p_GET_DETAIL(v_params in varchar2,
    retData out clob,
    retCode out varchar2,
    retMsg out varchar2) is
    v_url varchar2(1000);
begin
    -- 获取服务的url
    select aaa005
    into v_url
    from aa01
    where aaa001 = 'DOWNLOAD_DETAIL_HTTP_URL';
    p_PostRequest(v_url, v_params, retData, retCode, retMsg);
end;

-- HTTP请求: 明细信息下载
procedure p_HTTP_TEST(v_url in varchar2,
    v_params in varchar2,
    retData out varchar2,
    retCode out varchar2,
    retMsg out varchar2) is

begin
    p_PostRequest(v_url, v_params, retData, retCode, retMsg);
end;

end ODK_HTTP;

```

调用例子

```

declare
    retdata clob;
    retcode varchar2(1000);
    retmsg varchar2(1000);
    par varchar2(1000);
begin
    par := 'reqNum=QUERY_ROAD_002' || chr(38) ||
        'jsonData=%7B"AA001"%3A"0000000002"%2C"AA002"%3A""%2C"QUERY_ID"%3A"
006"%7D' ||
        chr(38) || 'userName=xxm' || chr(38) || 'businessType=00' ||
        chr(38) || 'businessDate=20180928202533';
    odk_http.p_postrequest('http://10.83.143.52:8091/sscmApi/httpService/doRequest',
        par,
        retdata,

```

```
        retcode,  
        retmsg);  
dbms_output.put_line(retdata);  
dbms_output.put_line(retcode);  
dbms_output.put_line(retmsg);  
end;
```

设置NETWORK_ACL

```
BEGIN DBMS_NETWORK_ACL_ADMIN.CREATE_ACL  
(acl      => 'xxm_20180928.xml',  
description => 'Enables network permissions for the xxm_20180928 server',  
principal  => 'INSIIS6',  
is_grant   => TRUE,  
privilege  => 'connect');  
END;
```

```
BEGIN DBMS_NETWORK_ACL_ADMIN.ASSIGN_ACL  
(acl      => 'xxm_20180928.xml',  
host      => '10.83.143.52',  
lower_port => 8091,  
upper_port => 8091);  
COMMIT;  
END;
```

```
BEGIN DBMS_NETWORK_ACL_ADMIN.ADD_PRIVILEGE  
(acl => 'xxm_20180928.xml',  
principal => 'INSIIS6',  
is_grant => TRUE,  
privilege => 'connect',  
start_date => null,  
end_date => null);  
end;
```

```
-- 查询  
SELECT host, lower_port, upper_port, acl FROM dba_network_acls;
```