

API Inquiry: get_query

Description	Returns all rows from a table, restricting data based on the query passed in.		
Parameters	scheme	GET	<i>Required.</i> All connection types. Inquiry type indicator.
	action	get_query	<i>Required.</i> All connection types. Variable representing the specific inquiry.
	URL	nnn.nnn.n.n	<i>Optional.</i> Direct and DAD only. The URL of the requester, used for reporting. Results will display only if a URL is included.
	dsource	xxxxxxx	<i>Required.</i> Connection pooling servlet only. The key to the client door to the database.
Search Criteria	datafile	TABLE	<i>Required.</i> Table to be queried
		PREDICATE	<i>Required.</i> Query to run against the table.
Sample Data	<pre><?xml version="1.0" encoding="UTF-8"?> <XMLREQUEST> <RECORD> <TABLENAME>GIFT</TABLENAME> <PREDICATE>IDNUMBER = 2 AND GIFTAMOUNT > 5</PREDICATE> </RECORD> </XMLREQUEST></pre>		
Sample Result	<pre><?xml version="1.0"?> <GET_QUERY PREDICATE="IDNUMBER= 2 AND GIFTAMOUNT > 5" TABLE="GIFT" TRANS_TIMESTAMP="07/18/2014 04:37:42 pm"> <GIFT> <GIFT.APRIL>N</GIFT.APRIL> <GIFT.MAY>N</GIFT.MAY> <GIFT.JUNE>N</GIFT.JUNE> <GIFT.JULY>N</GIFT.JULY> <GIFT.AUGUST>N</GIFT.AUGUST> <GIFT.SEPTEMBER>N</GIFT.SEPTEMBER> <GIFT.OCTOBER>N</GIFT.OCTOBER> <GIFT.NOVEMBER>N</GIFT.NOVEMBER> <GIFT.DECEMBER>N</GIFT.DECEMBER> <GIFT.PREMIUM_DECLINED>N</GIFT.PREMIUM_DECLINED> <GIFT.ANONYMOUS>N</GIFT.ANONYMOUS> <GIFT.UNITID>1416</GIFT.UNITID> <GIFT.USERFLAG1>N</GIFT.USERFLAG1> <GIFT.TCN>711518330</GIFT.TCN> <GIFT.FUNDCODE>00000</GIFT.FUNDCODE> <GIFT.GIFTAMOUNT>12</GIFT.GIFTAMOUNT> <GIFT.BALANCE>12</GIFT.BALANCE> <GIFT.APPEALCODE>000094E9AC32525A319E</GIFT.APPEALCODE> <GIFT.NOTIFY_ATTACHED>N</GIFT.NOTIFY_ATTACHED> <GIFT.GIFTDATE>07/09/2013</GIFT.GIFTDATE> <GIFT.IDNUMBER>2</GIFT.IDNUMBER> <GIFT.TRANSNUM>804568</GIFT.TRANSNUM> <GIFT.GIFTTYPE>10</GIFT.GIFTTYPE> <GIFT.ACKNOWLEDGED>Y</GIFT.ACKNOWLEDGED> <GIFT.NUMPAYMENTS>12</GIFT.NUMPAYMENTS> <GIFT.NEXTPAYMENT>07/31/2013</GIFT.NEXTPAYMENT></pre>		

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	<pre> <GIFT.TIMESTAMP>07/09/2013</GIFT.TIMESTAMP> <GIFT.DBACCOUNTNO>NAV53000000104</GIFT.DBACCOUNTNO> <GIFT.MATCH>N</GIFT.MATCH> <GIFT.ASSOC_ATTACHED>N</GIFT.ASSOC_ATTACHED> <GIFT.PREM_ATTACHED>N</GIFT.PREM_ATTACHED> <GIFT.USERID_ADD>DEVLCURR</GIFT.USERID_ADD> <GIFT.FREQUENCY>0</GIFT.FREQUENCY> <GIFT.FREQUENCYTYPE>M</GIFT.FREQUENCYTYPE> <GIFT.TRANTYPE>P</GIFT.TRANTYPE> <GIFT.MULTIPLIER>1</GIFT.MULTIPLIER> <GIFT.SOFT_CREDIT>Y</GIFT.SOFT_CREDIT> <GIFT.BATCH_GIFTDATE>07/09/2013</GIFT.BATCH_GIFTDATE> <GIFT.FIRSTPAYMENT>07/31/2013</GIFT.FIRSTPAYMENT> <GIFT.JANUARY>N</GIFT.JANUARY> <GIFT.FEBRUARY>N</GIFT.FEBRUARY> <GIFT.MARCH>N</GIFT.MARCH> </GIFT> </GET_QUERY> </pre>
Additional Reading	
Reference	

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Connection Pooling	<a href="http://webapps.softrek.com/api/proc?d_source=12345678&scheme=GET&action=get_query &<attached_XML_doc>">http://webapps.softrek.com/api/proc?d_source=12345678&scheme=GET&action=get_query &<attached_XML_doc>
Data Access Descriptor (DAD)	<a >="" 1.0"="" 5<="" ?><xmlrequest><record><table>gift<="" and="" encoding="UTF-8" giftamount="" href="http://pm-devel/pls/testv440/apiwrap.h_traffic?scheme=GET&url=128.168.0.1&action=get_query&data=<?xml version=" predicate><="" record><="" table><predicate>idnumber="2" xmlrequest>"="">http://pm-devel/pls/testv440/apiwrap.h_traffic?scheme=GET&url=128.168.0.1&action=get_query&data=<?xml version="1.0" encoding="UTF-8"?><XMLREQUEST><RECORD><TABLE>GIFT</TABLE><PREDICATE>IDNUMBER = 2 AND GIFTAMOUNT > 5</PREDICATE></RECORD></XMLREQUEST>
Direct Connection	<pre> set serveroutput on; declare vScheme varchar2(100) := 'GET'; vAction varchar2(200) := 'xml_pm.get_query; vURL varchar2(100) := '128.168.0.1'; vXML varchar2(10000); rval_clob CLOB; begin owa.num_cgi_vars := 0; vXML := '<?xml version="1.0" encoding="UTF-8"?>' CHR(10) ' <XMLREQUEST>' CHR(10) ' <RECORD>' CHR(10) ' <TABLE>GIFT</TABLE >' CHR(10) ' <PREDICATE>IDNUMBER = 2 AND GIFTMAOUNT > 5</ PREDICATE >' CHR(10) ' </RECORD>' CHR(10) ' </XMLREQUEST>'; rval_clob := NULL; apiwrap.all_traffic(vScheme, vAction, vURL, vXML, rval_clob); IF (rval_clob IS NOT NULL) THEN dbms_output.put_line(substr(rval_clob,1,200)); dbms_output.put_line(substr(rval_clob,201,200)); dbms_output.put_line(substr(rval_clob,401,200)); dbms_output.put_line(substr(rval_clob,601,200)); dbms_output.put_line(substr(rval_clob,801,200)); END IF; end; </pre>