

API Inquiry: get_unit_hierarchy

Description	Returns information for a single unit, including all parents of that unit.		
Parameters	scheme	GET	<i>Required.</i> All connection types. Inquiry type indicator.
	action	get_unit_hierarchy	<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	Xxxxxxxx	<i>Required.</i> Connection pooling servlet only. The key to the client door to the database.
		UNITID	<i>Optional.</i> Restricts to unit with matching unitid.
		ALIAS	<i>Optional.</i> Restricts to unit with matching alias.
	ALIAS_TYPE	<i>Optional.</i> Restricts alias match to type.	
Sample Data	<pre><?xml version="1.0" encoding="UTF-8"?> <XMLREQUEST> <RECORD> <UNITID>340562</UNITID> </RECORD> </XMLREQUEST></pre>		
Sample Result	<pre><?xml version="1.0" encoding="UTF-8"?> <XMLREQUEST> <RECORD> <UNITID>340562</UNITID> </RECORD> </XMLREQUEST> <?xml version="1.0" ?> <GET_UNIT_HIERARCHY TRANS_TIMESTAMP="07/21/2014 01:13:05pm" UNITID="340562"> <UNIT> <UNIT.UNITID>340562</UNIT.UNITID> <UNIT.TYPE>3</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Area</UNIT.TYPE_DESCRIPTION> <UNIT.LEVEL>3</UNIT.LEVEL> <PROSPECT.LAST>Level 3 Unit</PROSPECT.LAST> </UNIT> <PARENTS> <PARENT> <UNIT.UNITID>340505</UNIT.UNITID> <UNIT.TYPE>DIV</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Country</UNIT.TYPE_DESCRIPTION> <UNIT.LEVEL>9</UNIT.LEVEL> <PROSPECT.LAST>Level 9 Unit</PROSPECT.LAST> </PARENT> <PARENT> <UNIT.UNITID>340513</UNIT.UNITID> <UNIT.TYPE>GROU</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Division</UNIT.TYPE_DESCRIPTION> <UNIT.LEVEL>8</UNIT.LEVEL> <PROSPECT.LAST>Level 8 Unit</PROSPECT.LAST> </PARENT> </PARENTS> </GET_UNIT_HIERARCHY> </?xml></pre>		

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	<pre> <UNIT.UNITID>340521</UNIT.UNITID> <UNIT.TYPE>7</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Territory</UNIT.TYPE_DESCRIPTION> <PROSPECT.LAST>Level 7 Unit</PROSPECT.LAST> </PARENT> <PARENT> <UNIT.UNITID>340539</UNIT.UNITID> <UNIT.TYPE>GOOD</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Region</UNIT.TYPE_DESCRIPTION> <UNIT.LEVEL>6</UNIT.LEVEL> <PROSPECT.LAST>Level6 Unit</PROSPECT.LAST> </PARENT> <PARENT> <UNIT.UNITID>340547</UNIT.UNITID> <UNIT.TYPE>DED</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Sub Region</UNIT.TYPE_DESCRIPTION> <PROSPECT.LAST>Level 5 Unit</PROSPECT.LAST> </PARENT> <PARENT> <UNIT.UNITID>340554</UNIT.UNITID> <UNIT.TYPE>4</UNIT.TYPE> <UNIT.TYPE_DESCRIPTION>Group</UNIT.TYPE_DESCRIPTION> <UNIT.LEVEL>4</UNIT.LEVEL> <PROSPECT.LAST>Level 4 Id</PROSPECT.LAST> </PARENT> </PARENTS> </GET_UNIT_HIERARCHY> </pre>
Additional Reading	
Reference	E463014

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Connection Pooling	https://webapps.softrek.com/testprod/api/proc?dsource=12345678&scheme=GET&action=get_unit_hierarchy&datafile=
Data Access Descriptor (DAD)	
Direct Connection	<pre> set serveroutput on; declare vScheme varchar2(100) := 'GET'; vAction varchar2(200) := 'xml_pm.get_unit_hierarchy'; 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) ' <UNITID>340562</UNITID>' 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>