

# PHP

## List domains of a customer

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<?php

//sends HTTP request using CURL

function query_host($conn_server, $params = "", $get_header = false)
{
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $conn_server.$params);
    if (preg_match("/^https:\\/\\/i", $conn_server)) {
        curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, 0);
        curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);
    }

    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);

    if ($get_header) {
        curl_setopt($ch, CURLOPT_HEADER, 1);
    }

    else {
        curl_setopt($ch, CURLOPT_HEADER, 0);
    }

    $result = curl_exec($ch);

    if (curl_errno($ch)) {
        print "curl error";
    }

    else {
        curl_close($ch);
    }

    return $result;
}

//builds query, sends request and gets the answer back

function execute_request($request, $params, &$sessid)
{
    //build the query
    $http_query = "/request/" . $request . "?" . $params . "&auth-
sid=".$sessid."&client-ip=".$_SERVER["REMOTE_ADDR"];
    //send the request
    $raw_res = query_host("https://dmapi.joker.com", $http_query, true
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);
$temp_arr = @explode("\r\n\r\n", $raw_res, 2);
//split the response for further processing
if (is_array($temp_arr) && 2 == count($temp_arr)) {
    return $temp_arr[1];
}

else {
    return false;
}
}

//basic parsing of the DMAPI header

function parse_response_header($header)
{
    $raw_arr = explode("\n", trim($header));
    $result = array();
    if (is_array($raw_arr)) {
        foreach ($raw_arr as $key => $value)
        {
            $keyval = array();
            if (preg_match("/^([\s]+):\s+(.+)\s*$/", $value, $keyval)
) {
                $arr[strtolower($keyval[1])] = $keyval[2];
            }

            else {
                print "Header line not parseable - pattern does not ma
tch\nRaw header:\n$value";
            }
        }
    }

    else {
        $arr = "";
        print "Unidentified error\nRaw header:\n$header";
    }

    return $arr;
}

//parses the reply from DMAPI into a header and body
function parse_response($res)
{
    $raw_arr = explode("\n\n", trim($res));
    $arr_elements = count($raw_arr);
    if ($arr_elements > 0) {
        $temp["response_header"] = parse_response_header($raw_arr["0"]

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);
    $temp["response_body"] = $raw_arr["1"];
}

else {
    print "Couldn't split the response into response header and re
sponse body\nRaw result:\n$res";
    $temp = "";
}

return $temp;
}

$response = "";
$authid = "none";
//first obtaining an Auth-ID
$username = "<your username here>";
$password = "<your password here>";
$fields = "username=".urlencode($username)."&password=".urlencode($pas
sword);
$result = execute_request("login", $fields, $authid);
$result = parse_response($result);
$authid = $result["response_header"]["auth-sid"];
if (!$authid) {
    print "no auth-
id was obtained - probably due to wrong username or password";
    exit;
}

//now asking for the domain list
$pattern = "*";
$fields = "pattern=".urlencode($pattern);
$result = execute_request("query-domain-list", $fields, $authid);
$result = parse_response($result);

print_r($result["response_header"]);
print "< br /> ";
print_r($result["response_body"]);
```

Unique solution ID: #1047

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