

```

function testXmlQuery($username,$password,$constraints)
{
    // transactionFields has all of the fields we want to validate
    // in the transaction tag in the XML output
    $transactionFields = array(
        'transaction_id',
        'transaction_type',
        'condition',
        'order_id',
        'authorization_code',
        'ponumber',
        'orderdescription',
        'avs_response',
        'csc_response',

        'first_name',
        'last_name',
        'address_1',
        'address_2',
        'company',
        'city',
        'state',
        'postal_code',
        'country',
        'email',
        'phone',
        'fax',
        'cell_phone',
        'customertaxid',
        'customerid',
        'website',

        'shipping_last_name',
        'shipping_address_1',
        'shipping_address_2',
        'shipping_company',
        'shipping_city',
        'shipping_state',
        'shipping_postal_code',
        'shipping_country',
        'shipping_email',
        'shipping_carrier',
        'tracking_number',

        'cc_number',
        'cc_hash',
        'cc_exp',
        'cc_bin',
        'avs_response',
        'csc_response',
        'cardholder_auth',

        'processor_id',

        'tax');
    // actionFields is used to validate the XML tags in the

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// action element
$actionFields = array(
    'amount',
    'action_type',
    'date',
    'success',
    'ip_address',
    'source',
    'response_text'
);

$mycurl=new curl();
$postStr='username='.$username.'&password='.$password. $constraints;
$url="https://secure.payscout.com/api/query.php?". $postStr;
$mycurl->execute($url);

$testXmlSimple= new SimpleXMLElement($mycurl->data);

if (!isset($testXmlSimple->transaction)) {
    throw new NmExUser('No transactions returned');
}

$transNum = 1;
foreach($testXmlSimple->transaction as $transaction) {
    foreach ($transactionFields as $xmlField) {
        if (!isset($transaction->{$xmlField}[0])){
            throw new NmExUser('Error in transaction_id:'. $transaction-
>transaction_id[0] .' id Transaction tag is missing field ' . $xmlField);
        }
    }
    if (!isset ($transaction->action)) {
        throw new NmExUser('Error, Action tag is missing from
transaction_id '. $transaction->transaction_id[0]);
    }

    $actionNum = 1;
    foreach ($transaction->action as $action){
        foreach ($actionFields as $xmlField){
            if (!isset($action->{$xmlField}[0])){
                throw new NmExUser('Error with
transaction_id'. $transaction->transaction_id[0]. '
Action number '. $actionNum . '
Action tag is missing field ' . $xmlField);
            }
        }
        $actionNum++;
    }
    $transNum++;
}

return;
}

try {

    $constraints = "&action_type=sale&start_date=20060913";
    $result = testXmlQuery('test123','test1234',$constraints);
}

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```
    print "Success.\n";  
} catch (Exception $e) {  
    $e->outputText();  
}
```