

```
#####  
#                                                                 #  
#  D I S C L A I M E R                                         #  
#                                                                 #  
#  WARNING: ANY USE BY YOU OF THE SAMPLE CODE PROVIDED        #  
#  IS AT YOUR OWN RISK.                                       #  
#                                                                 #  
#  The code is provided "as is" without                        #  
#  warranty of any kind, either express or implied,           #  
#  including but not limited to the implied warranties        #  
#  of merchantability and/or fitness for a particular        #  
#  purpose.                                                    #  
#                                                                 #  
#                                                                 #  
#####
```

```
require 'rubygems'  
require 'curb'  
require 'uri'  
require 'addressable/uri'
```

```
class GwApi
```

```
  def initialize()  
    @login = {}  
    @order = {}  
    @billing = {}  
    @shipping = {}  
    @responses = {}  
  end
```

```
  def setLogin(username,password)  
    @login['password'] = password  
    @login['username'] = username  
  end
```

```
  def setOrder( orderid, orderdescription, tax, shipping,  
ponumber,ipaddress)  
    @order['orderid'] = orderid;  
    @order['orderdescription'] = orderdescription  
    @order['shipping'] = "%.2f" % shipping  
    @order['ipaddress'] = ipaddress  
    @order['tax'] = "%.2f" % tax  
    @order['ponumber'] = ponumber  
  end
```

```
  def setBilling(  
    firstname,  
    lastname,  
    company,  
    address1,  
    address2,  
    city,
```

```

        state,
        zip,
        country,
        phone,
        fax,
        email,
        website)
@billing['firstname'] = firstname
@billing['lastname'] = lastname
@billing['company'] = company
@billing['address1'] = address1
@billing['address2'] = address2
@billing['city'] = city
@billing['state'] = state
@billing['zip'] = zip
@billing['country'] = country
@billing['phone'] = phone
@billing['fax'] = fax
@billing['email'] = email
@billing['website'] = website
end

def setShipping(firstname,
               lastname,
               company,
               address1,
               address2,
               city,
               state,
               zipcode,
               country,
               email)
@shipping['firstname'] = firstname
@shipping['lastname'] = lastname
@shipping['company'] = company
@shipping['address1'] = address1
@shipping['address2'] = address2
@shipping['city'] = city
@shipping['state'] = state
@shipping['zip'] = zipcode
@shipping['country'] = country
@shipping['email'] = email

end

def doSale(amount, ccnumber, ccexp, cvv='')

query = ""
# Login Information

query = query + "username=" + URI.escape(@login['username']) + "&"
query += "password=" + URI.escape(@login['password']) + "&"
# Sales Information
query += "ccnumber=" + URI.escape(ccnumber) + "&"
query += "ccexp=" + URI.escape(ccexp) + "&"
query += "amount=" + URI.escape("%.2f" %amount) + "&"
if (cvv!='')

```

```

        query += "cvv=" + URI.escape(cvv) + "&"
    end

    # Order Information
    @order.each do | key,value|
        query += key +"=" + URI.escape(value) + "&"
    end

    # Billing Information
    @billing.each do | key,value|
        query += key +"=" + URI.escape(value) + "&"
    end
    # Shipping Information

    @shipping.each do | key,value|
        query += key +"=" + URI.escape(value) + "&"
    end

    query += "type=sale"
    return doPost(query)
end

def doPost(query)

    curlObj =
    Curl::Easy.new("https://secure.payscout.com/api/transact.php")
    curlObj.connect_timeout = 15
    curlObj.timeout = 15
    curlObj.header_in_body = false
    curlObj.ssl_verify_peer=false
    curlObj.post_body = query
    curlObj.perform()
    data = curlObj.body_str

    # NOTE: The domain name below is simply used to create a full URI to
allow URI.parse to parse out the query values
    # for us. It is not used to send any data
    data = '"https://secure.payscout.com/api/transact.php?' + data
    uri = Addressable::URI.parse(data)
    @responses = uri.query_values
    return @responses['response']
end

def getResponses()
    return @responses
end
end

gw = GwApi.new()
# NOTE: your username and password should replace the ones below
gw.setLogin("demo", "password");

gw.setBilling("John","Smith","Acme, Inc.,""123 Main St","Suite 200", "Beverly
Hills",

```

```
        "CA", "90210", "US", "555-555-5555", "555-555-
5556", "support@example.com",
        "www.example.com")

gw.setShipping("Mary", "Smith", "na", "124 Shipping Main St", "Suite Ship",
"Beverly Hills",
        "CA", "90210", "US", "support@example.com")

gw.setOrder("1234", "Big Order", 1, 2, "PO1234", "65.192.14.10")

r = gw.doSale("5.00", "4111111111111111", "1212", '999')
myResponses = gw.getResponses

print myResponses['response'] + " "

if (myResponses['response'] == '1')
    print "Approved \n"
elsif (myResponses['response'] == '2')
    print "Declined \n"
elsif (myResponses['response'] == '3')
    print "Error \n"
end
```