

Пример использования JSON интерфейса на языке Python

Пример использования класса

```
from prostor-smsjson import JsonGate

gate = JsonGate('api_login', 'api_password')

print gate.credits() # узнаем текущий баланс
print gate.senders() # получаем список доступных подписей

messages = [{
    "clientId" : "1",
    "phone": "71234567890",
    "text": "first message",
    "sender": "TEST"
},
{
    "clientId" : "2",
    "phone": "71234567891",
    "text": "second message",
    "sender": "TEST",
},
{
    "clientId" : "3",
    "phone": "71234567892",
    "text": "third message",
    "sender": "TEST",
}
]

print gate.send(messages, 'testQueue') #отправляем пакет sms

messages =
[{"clientId":"1", "smscId":11255142}, {"clientId":"2", "smscId":11255143}, {"cli
entId":"3", "smscId":11255144}]
print gate.status(messages) # получаем статусы для пакета sms
print gate.statusQueue('testQueue', 10) # получаем статусы из очереди
'testQueue'
```

Класс JsonGate

```
import urllib
import json

class JsonGate:
    """class for using prostor-sms.ru service via JSON interface"""

    __host = 'json.gate.prostor-sms.ru'

    def __init__(self, api_login, api_password):
        self.login = api_login
        self.password = api_password

    def __sendRequest(self, uri, params={}):
        url = self.__getUrl(uri)
        data = self.__formPacket(params)
        try:
            f = urllib.urlopen(url, data)
            result = f.read()
            return eval(result)
        except IOError, e:
```

```

        return dir(e)

    def __getUrl(self, uri):
        return "http://%s/%s/" % (self.getHost(), uri)

    def __formPacket(self, params={}):
        params["login"] = self.login
        params["password"] = self.password
        for key,value in params.items():
            if value is None:
                del params[key]
        packet = json.dumps(params)
        return packet

    def getHost(self):
        """Return current requests host """
        return self.__host

    def setHost(self, host):
        """Changing default requests host """
        self.__host = host

    def send(self, messages, statusQueueName=None, scheduleTime=None):
        """Sending sms packet"""
        params = {"messages": messages,
                  'statusQueueName': statusQueueName,
                  'scheduleTime': scheduleTime,
                  }
        return self.__sendRequest('send', params)

    def status(self, messages):
        """Retrieve sms statuses packet by its' ids """
        params = {"messages": messages}
        return self.__sendRequest('status', params)

    def statusQueue(self, statusQueueName, limit = 5):
        """Retrieve latest statuses from queue """
        params = {'statusQueueName': statusQueueName, 'statusQueueLimit':
limit}
        return self.__sendRequest('statusQueue', params)

    def credits(self):
        """Retrieve current credit balance """
        return self.__sendRequest('credits')

    def senders(self):
        """Retrieve available signs """
        return self.__sendRequest('senders')

if __name__ == "__main__":
    print JsonGate.__doc__

```