

Outbound API

API Common Parameters

Request	DESCRIPTION
request	Action type to do over API
username	Account Username from smsbulko.com
password	Account Password from smsbulko.com
api_ser	API serial from smsbulko.com

API Actions

Request	DESCRIPTION
1	Query countries
2	Manage senders over API
3	Validate numbers over API
4	Query balance
5	Send message over API

Note that all API parameters will be sent over GET method to next link

`http://smsbulko.com/smsportal/user_api.php`

Error Codes

Error Code	DESCRIPTION
1	Wrong API authentication details
2	Invalid action
3	Missed parameter
4	There is no true numbers
5	Not valid value for parameter (.....)
6	Numbers must be less than or equal to 10000
7	Wrong or disabled country
8	There is no active countries
9	Your Credit is not enough
11	Sender name is empty
12	You don't have any registered senders
13	Sender not registered
14	character not valid
16	sender mustn't exceed 11 characters
25	Message length is more than allowed for not Unicode message
26	Message is not in Unicode format
27	Message length is more than allowed for Unicode message
28	Undefined request
29	Not allowed message content
30	HLR is disabled for this country
32	System is under maintenance

Query Countries

Overview

SMSBulko API allows you to Query about available countries

Sample

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXXX&username=XXXXXX&password=XXXXXX&request==1
```

Response

Country ID, Country Name , Country Code

```
236, Yemen, 967
226, United Arab Emirates, 971
219, Tunisia, 216
210, Syria, 963
205, Sudan, 249
200, Somalia, 252
191, Saudi Arabia, 966
178, Qatar, 974
165, Oman, 968
148, Morocco, 212
138, Mauritania, 222
135, Malta, 356
124, Libya, 218
121, Lebanon, 961
117, Kuwait, 965
111, Jordan, 962
103, Iraq, 964
81, Germany, 49
65, Egypt, 20
60, Djibouti, 253
47, Comoros, 269
17, Bahrain, 973
3, Algeria, 213
```

Senders

Overview

SMSBulko API allows you to Query your senders and add new senders

Sample

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXXX&username=XXXXXX&password=XXXXXX&request=2
```

Response

Mostafa, Pending
Ahmed, Activated

Validation

Overview

SMSBulko API allows you to validate numbers you will send to.

Note that this page work with POST method

Parameters

Request	DESCRIPTION
hlr	Indicates to hlr <i>0: Not using HLR</i> <i>1: Using HLR</i>
numbers	Mobile Number, multiple mobile numbers can be separated by commas(maximum 100 numbers).
country	Indicates the country id from smsbulko.com

Response

Note that Numbers is the true numbers
True:2
Duplicated:0
Wrong:1
Unreachable:2
Cost:0.027138
Msgs:2
Numbers:
XXXXXXXXXXXXXX,XXXXXXXXXXXXXX

Query Balance

Overview

SMSBulko API allows you to Query your balance

Sample

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXXX&username=XXXXXX&password=XXXXXX&request=5
```

Response

Successful, Balance:15.2361, Prepaid_Messages:200

Hexadecimal Encoding (UTF-16)

Overview

Note that **msg** parameter when sending sms message must be in this format when **unicode** parameter is 1.

Example

The following function will help you to convert from UTF-8 to Hex:

```
function utf8StringToHexString($string)
{
    $conv = array();
    $convmap = array(0x0, 0xffff, 0, 0xffff);
    $strlen = mb_strlen($string, "UTF-8");
    for ($i = 0; $i < $strlen; $i++)
    {
        $ch = mb_substr($string, $i, 1, "UTF-8");
        $decimal = substr(mb_encode_numericentity($ch, $convmap, 'UTF-8'), -5, 4);
        $conv[] = base_convert($decimal, 10, 16);
    }

    for ($i = 0; $i < count($conv); $i++)
    {
        if(strlen($conv[$i])==1)
        {
            $conv[$i]="000".$conv[$i];
        }
        else if(strlen($conv[$i])==2)
        {
            $conv[$i]="00".$conv[$i];
        }
        else if(strlen($conv[$i])==3)
        {
            $conv[$i]="0".$conv[$i];
        }
    }
    return implode("", $conv);
}
```

So, if you used this function on "السلام عليكم" the result will be

062706440633064406270645002006390644064a06430645

Send SMS

Overview

SMSBulko API allows you to send English and Arabic short messages to single mobile number or for your convenience to multiple mobile numbers at once.

Sample Code

- English SMS (Single Number)

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXX&username=XXXXX  
&password=XXXXX&request=5&unicode=0&country=XX&to=XXXXX&msg=in+the+name  
+of+allah&sender=XXXXX&hlr=x
```

- English SMS (Multiple Numbers)

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXX&username=XXXXX  
&password=XXXXX&request=5&unicode=0&country=XX&to=XXXXX,XXXXX,XXXXX,...,  
&msg=in+the+name+of+allah&sender=XXXXX&hlr=x
```

- Unicode SMS (Single Number)

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXX&username=XXXXX  
&password=XXXXX&request=5&unicode=1&country=XX&to=XXXXX&msg=(message in  
Unicode format)&sender=XXXXX&hlr=x
```

- Unicode SMS (Multiple Numbers)

```
http://smsbulko.com/smsportal/user_api.php?api_ser=XXXXX&username=XXXXX  
&password=XXXXX&request=5&unicode=1&country=XX&to=XXXXX,XXXXX,XXXXX  
,...,...&msg=XXXXX&sender=XXXXX&hlr=x
```

Parameters

PARAMETER	DESCRIPTION
Username	User name of the API from SMSBULKO.com Account
password	Password of the API from SMSBULKO.com Account
unicode	Indicates the type of message <i>0: Plain Text (like English)</i> <i>1: Unicode (like Arabic)</i>
hlr	Indicates to hlr <i>0: Not using HLR</i> <i>1: Using HLR</i>
groupid	Indicates to group id you will send to (can be multiple separated by comma) Note that <u>to</u> parameter is not needed when group id assigned.
country	Indicates the country id from smsbulko.com
sender	The sender address that should appear in the message
To	Mobile Number, multiple mobile numbers can be separated by commas (maximum 100 numbers).
msg	Message in Plain Text Format if unicode=0 and in hexadecimal format() if unicode=1

CountryID	Country Name
1	Afghanistan
2	Albania
3	Algeria
4	American Samoa
5	Andorra
6	Angola
7	Anguilla
8	Antarctica
9	Antigua & Barbuda
10	Argentina
11	Armenia
12	Aruba
13	Australia
14	Austria
15	Azerbaijan
16	Bahamas
17	Bahrain
18	Bangladesh
19	Barbados
20	Belarus
21	Belgium
22	Belize
23	Benin
24	Bermuda
25	Bhutan
26	Bolivia
27	Bosnia-Herzegovina
28	Botswana
29	Brazil
30	British Virgin Islands
31	Brunei
32	Bulgaria
33	Burkina Faso
34	Burundi
35	Cambodia

36	Cameroon
37	Canada
38	Cape Verde
39	Cayman Islands
40	Central African Republic
41	Chad
42	Chile
43	China
44	Christmas Island
45	Cocos (Keeling), Islands
46	Colombia
47	Comoros
48	Congo
49	Congo Democratic Republic
50	Cook Islands
51	Costa Rica
52	Cote d'Ivoire
53	Croatia
54	Cuba
55	Curacao
56	Cyprus
57	Czech Republic
58	Denmark
59	Diego Garcia
60	Djibouti
61	Dominica
62	Dominican Republic
63	East Timor
64	Ecuador
65	Egypt
66	El Salvador
67	Equatorial Guinea
68	Eritrea
69	Estonia
70	Ethiopia

71	Falkland Islands
72	Faroe Islands
73	Fiji
74	Finland
75	France
76	French Guiana
77	French Polynesia
78	Gabon
79	Gambia
80	Georgia
81	Germany
82	Ghana
83	Gibraltar
84	Greece
85	Greenland
86	Grenada
87	Guadeloupe
88	Guam
89	Guatemala
90	Guernsey
91	Guinea
92	Guinea-Bissau
93	Guyana
94	Haiti
95	Holy See (Vatican City),
96	Honduras
97	HongKong
98	Hungary
99	Iceland
100	India
101	Indonesia
102	Iran
103	Iraq
104	Ireland
105	Isle of Man

106	Israel
107	Italy
108	Jamaica
109	Japan
110	Jersey
111	Jordan
112	Kazakhstan
113	Kenya
114	Kiribati
115	Korea (North),
116	Korea (South),
117	Kuwait
118	Kyrgyzstan
119	Laos
120	Latvia
121	Lebanon
122	Lesotho
123	Liberia
124	Libya
125	Liechtenstein
126	Lithuania
127	Luxembourg
128	Macau
129	Macedonia
130	Madagascar
131	Malawi
132	Malaysia
133	Maldives
134	Mali
135	Malta
136	Marshall Islands
137	Martinique
138	Mauritania
139	Mauritius
140	Mayotte Island

141	Mexico
142	Micronesia
143	Moldova
144	Monaco
145	Mongolia
146	Montenegro
147	Montserrat
148	Morocco
149	Mozambique
150	Myanmar
151	Namibia
152	Nauru
153	Nepal
154	Netherlands
155	Netherlands Antilles
156	New Caledonia
157	New Zealand
158	Nicaragua
159	Niger
160	Nigeria
161	Niue
162	Norfolk Island
163	Northern Mariana Islands
164	Norway
165	Oman
166	Pakistan
167	Palau
168	Palestine
169	Panama
170	Papua New Guinea
171	Paraguay
172	Peru
173	Philippines
174	Pitcairn Islands
175	Poland

176	Portugal
177	Puerto Rico
178	Qatar
179	Reunion
180	Romania
181	Russia
182	Rwanda
183	Saint Helena
184	Saint Kitts and Nevis
185	Saint Lucia
186	Saint Pierre and Miquelon
187	Saint Vincent and the Grenadines
188	Samoa (Western),
189	San Marino
190	Sao Tome and Principe
191	Saudi Arabia
192	Senegal
193	Serbia
194	Seychelles
195	Sierra Leone
196	Singapore
197	Slovakia
198	Slovenia
199	Solomon Islands
200	Somalia
201	South Africa
202	South Sudan
203	Spain
204	Sri Lanka
205	Sudan
206	Suriname
207	Swaziland
208	Sweden
209	Switzerland
210	Syria

211	Taiwan
212	Tajikistan
213	Tanzania
214	Thailand
215	Togo
216	Tokelau
217	Tonga Islands
218	Trinidad and Tobago
219	Tunisia
220	Turkey
221	Turkmenistan
222	Turks and Caicos Islands
223	Tuvalu
224	Uganda
225	Ukraine
226	United Arab Emirates
227	United Kingdom
228	United States of America
229	Uruguay
230	US Virgin Islands
231	Uzbekistan
232	Vanuatu
233	Venezuela
234	Vietnam
235	Wallis and Futuna
236	Yemen
237	Zambia
238	Zimbabwe

Response

Successful, MSG_ID:123456, Total_true_numbers:1, Balance:123.456, Prepaid_Messages:99