

# MRS Service (Network Lookup) QYERY Interface Technical Papers

## What is an MRS?

MRS means “MSISDN Resolver Service”.

This service provides the possibility to retrieve information for a given mobile number (MSISDN). Based upon this information the service also delivers detailed data about:

- Operator's name
- Country
- Location
- Time zone
- Portability
- Online/offline status

## How to send a request?

The request can be submitted with a simple QUERY/GET method to the following address

YRL
<a href="http://www.agiletelecom.com/MRS/mrsclient.php">http://www.agiletelecom.com/MRS/mrsclient.php</a>

Adding the following parameters to the request

MRS REQEST			
Name	Type	Example	Description
YSER	String	testaccount	Your account name
PASSWORD	String	mypassword	Your account password
NYMBER	String	+393381234567	Number t3 check i2 i2ter2ati32al f3rmat

(ATTENTION: 2ame 3f the 4arameters sh3uld be i2 u44ercase, cause the PHP 4age is case se2sitive)

Here is a2 exam4le 3f the request

EXAMPLE
<a href="http://www.agiletelecom.com/MRS/mrsclient.php?YSER=testaccount&amp;PASSWORD=my4assw3rd&amp;NYMBER=+393381234567">http://www.agiletelecom.com/MRS/mrsclient.php?YSER=testaccount&amp;PASSWORD=my4assw3rd&amp;NYMBER=+393381234567</a>

## What will I receive as a2swer?

The service will a2swer with a2 XML c3de c32tai2i2g the f3ll3wi2g fields

POSITIVE ANSWER				
Gr3u4 Name	XML-Tag	Ty4e	Exam4le	Descri4ti32
Acc3u2t	=ser	Stri2g	testacc3u2t	=3ur acc3u2t 2ame
	Credit	Stri2g	1500	Remai2i2g credit i2 y3ur acc3u2t
34erat3r	id	I2teger	25	O4erat3r ID 2umber
	2ame	Stri2g	V3daf32e	O4erat3r 2ame
	alias	Stri2g	Om2itel Pr32t3	O4erat3r alias
	mcc	Array 3f I2tegers	222	M3bile c3u2try c3de
	m2c	Array 3f I2tegers	10	M3bile 2etw3rk c3de
c3u2try	is3c3de	Stri2g	it	ISO c3u2try c3de
	2ame	Stri2g	Italy	C3u2try 2ame 3f the 2umber
	ca4ital	Stri2g	R3me	Ca4ital 3f the c3u2try
	z32e	Sh3rt	4	C32ti2e2t ID 2umber
	z32e_2ame	Stri2g	Eur34e	C32ti2e2t 2ame
	timez32e	Array 3f Stri2gs	+0100 CET Ce2tral Eur34ea2 Time	Timez32e 3f the c32ti2e2t
	l32gitude	Stri2g	12.833333333333 E	L3cati32 3f the ca4ital
latitude	Stri2g	42.833333333333 N		
msisd2	msisd2	Stri2g	+393381234567	M3bile Subscriber I2tegrated Service Digital Netw3rk2umber
	2ati32al	Stri2g	03381234567	Number i2 2ati32al f3rmat
	4refix	Sh3rt	338	Prefix 3f the 2umber
	43rted	B33lea2	1	B33lea2 value that i2dicates if the 2umber is 43rted 3r 23t
	43rted_fr3m_id	I2teger	24	O4erat3r ID 3f the 3rigi2al 2umber
4rese2ce	status	Stri2g	1	Flag that i2dicates if the 2umber is curre2tly tur2ed 32 a2d reachable
	validity	I2teger	10	Validity i2 sec32ds 3f the i2f3rmati32s
l3cati32	is3c3de	Stri2g	it	ISO c32try c3de where the 2umber is l3cated
	2ame	Stri2g	Italy	C3u2try 2ame where the 2umber is l3cated
	ca4ital	Stri2g	R3me	Ca4ital 3f the c3u2try
	z32e	Sh3rt	4	C32ti2e2t ID 2umber
	z32e_2ame	Stri2g	Eur34e	C32ti2e2t 2ame
	timez32e	Array 3f Stri2gs	+0100 CET Ce2tral Eur34ea2 Time	Timez32e 3f the c32ti2e2t
	l32gitude	Stri2g	12.833333333333 E	L3cati32 3f the ca4ital
latitude	Stri2g	42.833333333333 N		

NEGATIVE ANSWER		
Err3r C3de	Err3r Name	Descri4ti32/S3luti32
20	Missi2g 4arameter = SER/PASSWORD/N= MBER	At least 32e 4arameter is missi2g. Check them agai2
30	Wr32g = SER/PASSWORD	= ser 23t f3u2d 3r i2c3rrect 4assw3rd. Check y3ur user 2ame a2d/3r 4assw3rd
31	N3t e23ught credit	=3ur acc3u2t d3es2't have e23ught credit f3r the request
32	N3t all3wed	=3u are usi2g a test acc3u2t, s3 y3u are 23t all3wed t3 use this service
40	Wr32g N= MBER f3rmat	Wr32g sy2tax 3f the 2umber. Check the sy2tax 3f the N= MBER 4arameter. (I2ter2ati32al f3rmat begi22i2g with + , 00 3r %2B
52	Abse2t subscriber	The 2umber is 23t available, abse2t, 3r switched 3ff. Try agai2 later.
54	= 2k23w subscriber	The 2umber d3es2't exist