



# API Reference

Version 2.0

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## Document history

- 1) 2012.04.24 – the first draft.
- 2) 2012.04.25 – added a performance note.
- 3) 2012.05.03 – changed the GetUsers function interface.
- 4) 2012.05.10 – added the 'graphics' and 'button\_graphics' parameters to some widget functions.
- 5) 2012.05.21 – added the 'GetChildAccountsToBeCharged' function.
- 6) 2012.05.29 – added the 'is\_successful' parameter to the 'GetCallHistory' function.
- 7) 2012.05.31 – added the 'countries' parameter to the 'AddWidget', 'SetWidgetInfo' functions.
- 8) 2012.06.05 – added the 'GetCallMap' function.
- 9) 2012.06.06 – added the 'AddBlackList', 'DelBlackList', 'GetBlackList', 'GetVoicemails' functions.
- 10) 2012.06.07 – added the 'DelVoicemail', 'SetVoicemailInfo' functions.
- 11) 2012.08.06 – added the 'UpgradeTariff', 'GetRobokassaPaymentURL', 'GenerateWidgetImage', 'GetWidgetURL' functions, removed 'tariff\_id' output field from the 'GetUsers' function, added the 'google\_analytics' parameter.
- 12) 2012.08.08 – removed the 'tariff\_id' parameter from the 'SetUserInfo' function.
- 13) 2012.10.22 – added the Logon function.
- 14) 2012.11.20 – added the 'IsUserRegistered', 'IsEmailRegistered' functions.
- 15) 2013.01.21 – added the 'AddPartner' function.
- 16) 2013.04.09 – added the 'GetAuthURL' function.
- 17) 2013.07.03 – added the 'GetUserDiscounts' function.
- 18) 2013.01.21 – extended the 'GetCallHistory' function output.
- 19) 2014.01.27 – extended the 'GetCallHistory' function input.
- 20) 2014.06.03 – extended the 'GetUsers' function output.
- 21) 2015.10.08 – removed the 'GenerateWidgetImage' function.

# 1. Overview

## 1.1. General information

Zingaya API – application programming interface of Zingaya service (zingaya.com). It provides service functions via http protocol, using JSON content responses. Zingaya API allows its user to manipulate a Zingaya account, including creating, editing and deleting widgets, setting up widget's numbers and other settings. It also provides capability of monitoring calls history.

## 1.2. Architecture

Zingaya API is web-based interface, providing Zingaya service functionality. General communication protocol for API is http. API provides a list of methods, which can be called by GET or POST http request to the API service address:

```
https://api.zingaya.com/ZingayaAPI2/
```

Parameters for these functions can be passed as common http parameters.

There are permanent and temporary access to API functions:

- Temporary access to API functions available after authorization ( function).
- Permanent access to API functions available only for the **special** group of users. All special group members have the unique *api\_key* string. You need no login like function to use the API.

Any API request must contain:

1. *cmd*, the parameter determinates a calling function name.
2. *user\_name* parameter.
3. *session\_id* (for temporary access) or *api\_key* (for permanent access) parameter.

All API functions return http with JSON document content with the UTF-8 encoding, which contains structured response information.

**Note: all parameters are case sensitive!**

API call example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCurrentUserID&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9
```

Authorization request

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=Logon&  
user_name=ivanov&  
password=mypassword
```

Authorization response

```
{"result": "9ec2f240-1c25-11e2-892e-0800200c9a66"}
```

API request

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCurrentUserID&  
user_name=ivanov&  
session_id=9ec2f240-1c25-11e2-892e-0800200c9a66
```

Access to API functions can be available to **super users** and **common users**. The common user may be child of the super user. In this case the super user can call API functions on behalf of child user by using `user_id` parameter.

Example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetUserInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
first_name=petr&  
last_name=petroff
```

Use **cmd** parameter to call the required API function.

**Attention: unnecessary function parameters are ignored.**

### 1.3. Performance

Please ensure, that your API client supports **GZIP** response content type.

**Your API client must specify the following header in the HTTP request:**

**Accept-Encoding: gzip**

Example in Java:

```
String apiCmd =
    "https://api.zingaya.com/ZingayaAPI2/?" +
    "cmd=GetCallHistory&" +
    "user_name=ivanov&" +
    "api_key=0821d48c-160c-4b97-845d-22ec096554f9&" +
    "user_id=6651&" +
    "count=all";
URLConnection conn = new URL(apiCmd).openConnection();

conn.setRequestProperty("Accept-Encoding", "gzip");

String resultEncoding = conn.getHeaderField("Content-Encoding");
InputStream input = conn.getInputStream();
if (resultEncoding != null && resultEncoding.equalsIgnoreCase("gzip")) {
    input = new GZIPInputStream(input);
}
```

## 2. API function summary

Table 1. API functions.

Function	Description
• <i>Authorization</i>	
Logon	Returns the session ID for the authorized user.
Logout	Logout from the session.
• <i>Users control</i>	
GetCurrentUserID	Returns the current user's ID.
GetAllowedTariffs	Gets allowed user's tariffs.
AddChildUser	Adds a new child user with a phone number.
GetUsers	Gets children users' profiles/particular user profile.
SetUserInfo	Update the user's profile.
SetBankCardSettings	Sets a bank card settings.
GetAccountInfo	Gets the user's account info.
UpgradeTariff	Creates a tariff changing request.
GetRobokassaPaymentURL	Gets the robokassa payment URL.
DistributeMoney	Transfer some money to a child user.
GetChildAccountsToBeCharged	Gets all child accounts to be charged.
PersonalCharge	Performs the personal monthly charge.
GetAuthURL	Gets the auto authentication URL for the personal web page.
GetUserDiscounts	Gets the users discounts.
• <i>Widgets control</i>	
AddWidget	Adds a new widget to current/children user.
DelWidget	Deletes user's widget.
GetWidgets	Returns information about users' widgets.
SetWidgetInfo	Updates widget's information.
GetWidgetURL	Gets the URL of exists widget.
Ошибка: источник перекрестной ссылки не найден	Generates a new widget button image.
• <i>Numbers control</i>	
AddCallmeNumber	Adds phone number to widget.
ConfirmMobileNumberActivation	Confirms mobile number activation.
DelCallmeNumber	Deletes phone number from widget.
GetCallmeNumbers	Gets phone numbers from widget.
SendActivationCodeForMobileNumber	Sends an activation code for the mobile number.
SetCallmeNumber	Updates phone number of widget.
• <i>Working hours control</i>	
GetWorkingHours	Gets all working hours of the widget's number.
SetWorkingHours	Sets all working hours of the widget's number.



• <i>Calls history control</i>	
GetCallHistory	Returns user's call history.
SetCallExtraInfo	Sets an any extra call history info.
GetCallMap	Gets the calls map.
GetCallStatistics	Gets call statistics.
GetTransactionHistory	Gets user's transaction history.
GetTransactionInvoice	Download transaction invoice.
• <i>Voicemails control</i>	
DelVoicemail	Deletes the user's voice mail.
GetVoicemails	Gets user's voice mails.
SetVoicemailInfo	Sets the user's voice mail info.
• <i>Black list control</i>	
AddBlackList	Adds some forbidden IP addresses to the black list.
DelBlackList	Deletes some IP addresses from the black list.
GetBlackList	Gets all IP addresses from the black list.
• <i>SIP control</i>	
AddSIPAccount	Adds a new SIP account to current/children user.
DelSIPAccount	Deletes the user's SIP account.
GetSIPAccounts	Returns information about users' SIP accounts.
SetSIPAccount	Updates the SIP account settings.
• <i>Without access checking</i>	
Version	Gets API version.
AddPartner	Adds a new partner.
AttachChildUser	Attaches an existing user to a super user as child.
IsCallmeNumberAvailable	Checks the callme number for availability.
IsEmailRegistered	Check for user's e-mail registration.
IsPartnerCodeRegistered	Check for partner's code registration.
IsPartnerEmailRegistered	Check for partner's e-mail registration.
IsUserRegistered	Check for login registration.
GetCountryTimeZones	Gets country time zones.
GetOverallCallStatistics	Gets overall call statistics.
GetPaidTariffs	Gets all paid tariffs.
GetTrialTariffs	Gets trial tariffs.
ResendActivationLetter	Re-sends an activation letter.

### 3. API Responses

- In case of failure user will receive JSON as response for any method:

```
{
  "error": {
    "code": "numerical_error_code",
    "msg": "error description."
  }
}
```

Use the `output_language` parameter to get the localized error message (example `&output_language=RU`)

Response example:

```
{
  "error": {
    "code": "100",
    "msg": "Authorization failed."
  }
}
```

See all errors in the Chapter 5.

- In case of success, response will be like:

```
{
  "result": . . . . .
}
```

Example 1 (for simple “Add/Set/Del” functions):

```
{"result":1}
```

Example 2 (for “Add/Set/Del” functions with returning values):

```
{"result":1, "api_key":"ba282e9f-da97-41d4-aaaf-455cdaf271e8"}
```

Example 3 (for “Get” functions):

```
{
  "result": [
    {
      "callme_number_id": 14122,
      "callme_number": "73331234567",
      "type": "pstn",
      "is_active": true,
      "created": "2012-04-10 09:01:54",
      "hours": {
        "SAT": [
          10,
          18
        ],
        "WED": [
          9,
          31
        ]
      }
    }
  ]
}
```

All responses contain no zero length strings only. Keys order isn't guaranteed (see JSON specification).

**Note:** a number may be returned as string.

## 4. Function details

### 4.1. Authorization

#### 4.1.1. Logon

Returns the session ID for the authorized user.

Parameters:

Table 2.

Name	Mandatory	Type	Description
user_name	+	String	The user name.
password	+	String	The user's password.

Return value:

The new session ID.

Additional return values:

Table 3.

Name	Mandatory	Type	Description
api_key	-	String (36)	The access token if exists for the user.

Errors:

Table 4.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=Logon&  
user_name=ivanov&  
password=mypassword
```

Response example:

```
{"result": "9ec2f240-1c25-11e2-892e-0800200c9a66"}
```

Error response example:

```
{  
  "error": {  
    "code": "100",  
    "msg": "Authorization failed."  
  }  
}
```

See also:

Logout, GetCurrentUserID

## 4.1.2. Logout

Logout from the session.

### Parameters:

Table 5.

Name	Mandatory	Type	Description
user_name	+	String	The user name.
session_id	+	String	The session.

### Return value:

Returns success value "1".

### Errors:

Table 6.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=Logout&  
user_name=ivanov&  
session_id=9ec2f240-1c25-11e2-892e-0800200c9a66
```

### Response example:

```
{"result":1}
```

### See also:

Logon

## 4.2. Users control

### 4.2.1. GetCurrentUserID

Returns the current user's ID.

Parameters:

Table 7.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	

Return value:

The current user's ID.

Errors:

Table 8.

Code	Description
100	Authorization failed.
135	Session timeout.

Note: all errors in the Chapter 5.

Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCurrentUserID&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9
```

Request example 2:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCurrentUserID&  
user_name=ivanov&  
session_id=9ec2f240-1c25-11e2-892e-0800200c9a66
```

Response example:

```
{"result":6650}
```

Error response example:

```
{  
  "error": {  
    "code": "100",  
    "msg": "Authorization failed."  
  }  
}
```

See also:

GetUsers

## 4.2.2. GetAllowedTariffs

Gets allowed user's tariffs. The children users have the same tariffs as its parent (super user).

### Parameters:

Table 9.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	

### Return value:

Returns array of allowed tariffs.

Table 10. Returning tariff fields.

Name	Mandatory	Type	Description
tariff_id	+	Integer	The tariff ID. You should use this value in the AddChildUser, UpgradeTariff functions.
tariff_name	+	String	The tariff name.
minutes_included	-	Integer	The minutes included for a paid "pstn" tariff.
calls_included	-	Integer	The calls included for a paid "voip" tariff
monthly_charge	-	Float	The monthly charge size for a paid tariff.
extra_minute_cost	-	Float	The extra minute cost for the paid "pstn", "pay as you go" tariffs.
extra_call_cost	-	Float	The extra call cost for a paid "voip".
trial_days	-	Integer	The trial days for a trial tariff.
trial	+	Boolean	"true", "1", "yes" – the trial period, "false", "0", "no" – the payd period.
custom	+	Boolean	Isn't public tariff.
free_interval	+	Integer	The free call duration in seconds.
type	+	String	Values: "pay as you go", "pstn", "voip"
num_lines	+	Integer	The number of phone lines.
region_code	+	String	The region code, i.e. RU, US, UA, ...
features	-	Array	The string array of the tariff features. Available tariff features: <ul style="list-style-type: none"> <li>• pstn_routing</li> <li>• sip_routing</li> <li>• working_hours</li> <li>• domain_binding</li> <li>• call_recording</li> <li>• voicemail</li> <li>• line</li> <li>• skype_routing</li> <li>• geo_targeting</li> <li>• google_analytics</li> <li>• zingaya_analytics</li> </ul>

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetAllowedTariffs&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6120
```

Response example:

```
{
  "result": [
    {
      "free_interval": 0,
      "type": "pstn",
      "minutes_included": 100,
      "tariff_name": "RU_Medium_Fixed",
      "num_lines": 100,
      "features": [
        "working_hours",
        "pstn_routing",
        "zingaya_analytics",
        "voicemail",
        "google_analytics",
        "call_recording"
      ],
      "tariff_id": 111,
      "trial_days": 14,
      "trial": true,
      "custom": false,
      "region_code": "RU"
    },
    {
      "free_interval": 0,
      "extra_minute_cost": 0.08,
      "type": "pstn",
      "minutes_included": 150,
      "tariff_name": "RU_Small_Fixed",
      "monthly_charge": 10.0,
      "num_lines": 100,
      "features": [
        "working_hours",
        "pstn_routing",
        "zingaya_analytics",
        "voicemail",
        "google_analytics"
      ],
      "tariff_id": 253,
      "trial": false,
      "custom": false,
      "region_code": "RU"
    }
  ]
}
```

See also:

AddChildUser, SetUserInfo, GetAccountInfo, UpgradeTariff, GetTrialTariffs

### 4.2.3. AddChildUser

Adds a new child user with a widget with a phone number. Super users can create children users only. Children users can not create any users. Super users can not create an another super user.

Parameters:

Table 11.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/session_id	+	String		
child_user_name	+	String	The child user's login. User's name must be at least 6 characters long, starts with an English letter and contains English letters and digits only.	
child_password	+	String	The child user's password. User's password must be at least 6 characters long.	
first_name	+	String	The first user's name.	
last_name	+	String	The last user's name.	
email	+	String	The user's e-mail.	
tariff_id	+	Integer	The tariff ID (see GetAllowedTariffs)	
callme_number	-	String	The callme phone number. You may use digits only without any spaces for PSTN.	
callme_number_type	-	String	The number type: "pstn" or "sip".	pstn
active	-	Boolean	Set the parameter to 'true' to create a new activated child user without mail confirmation. <b>Warning: all API functions don't work with a not activated user!</b>	true
successful_activation_url	-	String	Specify the redirect URL to insert it to the activation mail body.	
location	-	String	The user's location (see Table User's location). Invalid values will be ignored. The value is used to determinate the Time zone and widget working hours.	UTC/GMT
max_widgets	-	Integer	The max widget count for the new child user.	3
company_name	-	String	The user's company name.	
address	-	String	The user's address.	
phone	-	String	The private user's phone number.	
mobile_phone	-	String	Register your mobile phone to be able to receive SMS notifications.	
disable_personal_mails	-	Boolean	Set to 'true' to disable the personal mails (not recommend).	false
disable_common_mails	-	Boolean	Set to 'true' to disable the common mails.	false



api_enabled	-	Boolean	Set true to allow a new children user use the API (i.e. the new user is added to the special group).	false
widget_name	-	String	The user's widget name.	widget_1
record_calls	-	Boolean	Set true to record child user conversations.	false
voicemail	-	Boolean	Set true to enable voicemail service for the new user.	false
google_analytics	-	String	The google analytics ID for a new widget (not for a child user record).	
partner_id	-	Integer	The partner ID.	

**Return value:**

Returns success value "1".

**Additional return values:**

Table 12.

Name	Mandatory	Type	Description
user_id	+	Integer	The new user's account ID. The value identifies the user's profile in the API.
widget_id	+	Integer	The new user's widget ID. The value identifies the user's widget in the API.
callme_id	+	String (32)	The unique widget callme ID. The value identifies the user's widget in Internet.
callme_number_id	-	Integer	The number ID. The value identifies the callme number in API.
api_key	-	String (36)	The access token to the API for the new child user.

**Errors:**

Table 13.

Code	Description
100	Authorization failed.
104	Forbidden command.
106	User's name isn't unique.
107	Invalid PSTN number.
110	Invalid tariff.
112	User's password must be at least 6 characters long.
113	User's name must be at least 6 characters long.
114	User's name should start with a letter and can contain only latin characters, digits.
124	Forbidden phone number.
128	User's e-mail isn't unique.
132	The 'partner_id' parameter is invalid.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=AddChildUser&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
child_user_name=child_login&
child_password=child_password&
first_name=petr&
last_name=petrov&
email=petr@mail.ru&
tariff_id=110&
callme_number=74957893798&
location=Europe%2FMoscow&
api_enabled=true
```

Response example:

```
{
  "result":1,
  "widget_id":12397,
  "api_key":"422ded62-9e9f-4600-b962-43ad0bc10425",
  "callme_id":"a6afc89c22b1457c801fa34f1949c990",
  "callme_number_id":14125,
  "user_id":6651
}
```

Table 14. User's location.

Location	Description
Pacific/Honolulu	(GMT-10:00) Hawaii
America/Anchorage	(GMT-09:00) Alaska
America/Los_Angeles	(GMT-08:00) Pacific Time (US & Canada)
America/Phoenix	(GMT-07:00) Arizona
America/Denver	(GMT-07:00) Mountain Time (US & Canada)
America/Chicago	(GMT-06:00) Central Time (US & Canada)
America/New_York	(GMT-05:00) Eastern Time (US & Canada)
America/Indiana/Indianapolis	(GMT-05:00) Indiana (East)
Etc/GMT-11	(GMT-11:00) International Date Line West
Pacific/Midway	(GMT-11:00) Midway Island
Pacific/Apia	(GMT-11:00) Samoa
America/Tijuana	(GMT-08:00) Tijuana
America/Chihuahua	(GMT-07:00) Chihuahua
America/Mazatlan	(GMT-07:00) Mazatlan
America/Guatemala	(GMT-06:00) Central America
America/Mexico_City	(GMT-06:00) Mexico City
America/Monterrey	(GMT-06:00) Monterrey
America/Regina	(GMT-06:00) Saskatchewan
America/Bogota	(GMT-05:00) Bogota
America/Lima	(GMT-05:00) Lima
Etc/GMT-5	(GMT-05:00) Quito
America/Caracas	(GMT-04:30) Caracas
America/Toronto	(GMT-04:00) Atlantic Time (Canada)
America/La_Paz	(GMT-04:00) La Paz

Location	Description
America/Santiago	(GMT-04:00) Santiago
America/St_Johns	(GMT-03:30) Newfoundland
America/Sao_Paulo	(GMT-03:00) Brasilia
America/Argentina/Buenos_Aires	(GMT-03:00) Buenos Aires
Etc/GMT-4	(GMT-04:00) Georgetown
Etc/GMT-3	(GMT-03:00) Greenland
Atlantic/South_Georgia	(GMT-02:00) Mid-Atlantic
Atlantic/Azores	(GMT-01:00) Azores
Atlantic/Cape_Verde	(GMT-01:00) Cape Verde Is.
Africa/Casablanca	(GMT) Casablanca
Europe/Dublin	(GMT) Dublin
Europe/Lisbon	(GMT) Lisbon
Europe/London	(GMT) London
Africa/Monrovia	(GMT) Monrovia
Europe/Amsterdam	(GMT+01:00) Amsterdam
Europe/Belgrade	(GMT+01:00) Belgrade
Europe/Berlin	(GMT+01:00) Berlin
Europe/Zurich	(GMT+01:00) Bern
Europe/Bratislava	(GMT+01:00) Bratislava,
Europe/Brussels	(GMT+01:00) Brussels
Europe/Budapest	(GMT+01:00) Budapest
Europe/Copenhagen	(GMT+01:00) Copenhagen
Europe/Ljubljana	(GMT+01:00) Ljubljana
Europe/Madrid	(GMT+01:00) Madrid
Europe/Paris	(GMT+01:00) Paris
Europe/Prague	(GMT+01:00) Prague
Europe/Rome	(GMT+01:00) Rome
Europe/Sarajevo	(GMT+01:00) Sarajevo
Europe/Skopje	(GMT+01:00) Skopje
Europe/Stockholm	(GMT+01:00) Stockholm
Europe/Vienna	(GMT+01:00) Vienna
Europe/Warsaw	(GMT+01:00) Warsaw
Africa/Kinshasa	(GMT+01:00) West Central Africa
Europe/Zagreb	(GMT+01:00) Zagreb
Europe/Athens	(GMT+02:00) Athens
Europe/Bucharest	(GMT+02:00) Bucharest
Africa/Cairo	(GMT+02:00) Cairo
Africa/Harare	(GMT+02:00) Harare
Europe/Helsinki	(GMT+02:00) Helsinki
Europe/Istanbul	(GMT+02:00) Istanbul
Asia/Jerusalem	(GMT+02:00) Jerusalem
Europe/Kiev	(GMT+02:00) Kyiv
Europe/Minsk	(GMT+02:00) Minsk

Location	Description
Etc/GMT+2	(GMT+02:00) Pretoria
Europe/Riga	(GMT+02:00) Riga
Europe/Sofia	(GMT+02:00) Sofia
Europe/Tallinn	(GMT+02:00) Tallinn
Europe/Vilnius	(GMT+02:00) Vilnius
Asia/Baghdad	(GMT+03:00) Baghdad
Asia/Kuwait	(GMT+03:00) Kuwait
Europe/Moscow	(GMT+04:00) Moscow
Africa/Nairobi	(GMT+03:00) Nairobi
Asia/Riyadh	(GMT+03:00) Riyadh
Europe/Volgograd	(GMT+04:00) Volgograd
Asia/Tehran	(GMT+03:30) Tehran
Etc/GMT+4	(GMT+04:00) Abu Dhabi
Asia/Baku	(GMT+04:00) Baku
Asia/Muscat	(GMT+04:00) Muscat
Asia/Tbilisi	(GMT+04:00) Tbilisi
Asia/Yerevan	(GMT+04:00) Yerevan
Asia/Kabul	(GMT+04:30) Kabul
Asia/Yekaterinburg	(GMT+05:00) Ekaterinburg
Etc/GMT+5	(GMT+05:00) Islamabad
Asia/Karachi	(GMT+05:00) Karachi
Asia/Tashkent	(GMT+05:00) Tashkent
Asia/Colombo	(GMT+05:30) Chennai
Asia/Kolkata	(GMT+05:30) New Delhi
Asia/Kathmandu	(GMT+05:45) Kathmandu
Asia/Almaty	(GMT+06:00) Astana
Asia/Dhaka	(GMT+06:00) Dhaka
Asia/Novosibirsk	(GMT+06:00) Novosibirsk
Asia/Rangoon	(GMT+06:30) Rangoon
Asia/Bangkok	(GMT+07:00) Bangkok
Est/GMT+7	(GMT+07:00) Hanoi
Asia/Jakarta	(GMT+07:00) Jakarta
Asia/Krasnoyarsk	(GMT+07:00) Krasnoyarsk
Etc/GMT+8	(GMT+08:00) Beijing
Asia/Hong_Kong	(GMT+08:00) Hong Kong
Asia/Irkutsk	(GMT+08:00) Irkutsk
Asia/Kuala_Lumpur	(GMT+08:00) Kuala Lumpur
Australia/Perth	(GMT+08:00) Perth
Asia/Singapore	(GMT+08:00) Singapore
Asia/Taipei	(GMT+08:00) Taipei
Asia/Ulaanbaatar	(GMT+08:00) Ulan Bator
Asia/Urumqi	(GMT+08:00) Urumqi
Asia/Seoul	(GMT+09:00) Seoul

Location	Description
Asia/Tokyo	(GMT+09:00) Tokyo
Asia/Yakutsk	(GMT+09:00) Yakutsk
Australia/Adelaide	(GMT+09:30) Adelaide
Australia/Darwin	(GMT+09:30) Darwin
Australia/Brisbane	(GMT+10:00) Brisbane
Pacific/Guam	(GMT+10:00) Guam
Australia/Hobart	(GMT+10:00) Hobart
Australia/Melbourne	(GMT+10:00) Melbourne
Pacific/Port_Moresby	(GMT+10:00) Port Moresby
Australia/Sydney	(GMT+10:00) Sydney
Asia/Vladivostok	(GMT+10:00) Vladivostok
Asia/Magadan	(GMT+11:00) Magadan
Pacific/Noumea	(GMT+11:00) New Caledonia
Etc/GMT+11	(GMT+11:00) Solomon Is
Pacific/Fiji	(GMT+12:00) Fiji
Asia/Kamchatka	(GMT+12:00) Kamchatka
Etc/GMT+12	(GMT+12:00) Marshall Is.
Pacific/Auckland	(GMT+12:00) Wellington
Pacific/Tongatapu	(GMT+13:00) Nuku'alofa

See also:

GetUsers, GetWidgetsAddWidget, GetAllowedTariffs, GetCurrentUserID

## 4.2.4. GetUsers

Gets children users' profiles/particular user profile. Some filters may be applied to the result.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

### Parameters:

Table 15.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/ session_id	+	String		
user_id	-	Integer	Specify the parameter to get the particular user's profile (the child profile or current profile). If not specified, returns all <u>children</u> profiles (without current user's profile). The children profiles may be filtered by using <i>login_filter</i> and/or <i>email_filter</i> .	
login_filter	-	String	Specify the parameter to get the particular profile, which is registered to the <i>user_name</i> . Don't use it with the <i>user_id</i> parameter.	
email_filter	-	String	Specify the parameter to get the profiles set with the particular <i>e-mail</i> . Don't use it with the <i>user_id</i> parameter.	
offset	-	Integer	Skip the first portion of the results. Don't use it with the <i>user_id</i> parameter.	0
count	-	Integer	Allows you to retrieve just a portion of the results. Don't use it with the <i>user_id</i> parameter.	all

### Return value:

Returns array of users' profiles.

Table 16. Returning profile fields.

Name	Mandatory	Type	Description
user_id	+	Integer	The user's ID.
user_name	+	String	The user login.
first_name	+	String	The first user's name.
last_name	+	String	The last user's name.
email	+	String	The user's e-mail.
created	+	Timestamp	The user creation date&time in the <i>user_name</i> time zone.
max_widgets	-	Integer	The widget count limit.
location	-	String	The user's location (see Table User's location).
country	-	String	The user's country.
company_name	-	String	The user's company name.

Name	Mandatory	Type	Description
address	-	String	The user's address.
phone	-	String	The private user's phone.
mobile_phone	-	String	The phone for SMS notifications.
disable_personal_mails	+	Boolean	Is the personal mails allowed?
disable_common_mails	+	Boolean	Is the common mails allowed?
active	-	Boolean	If false, the user is disabled.
write_call_history	-	Boolean	If true, calls history is logged.
api_enabled	-	Boolean	If true, the user can use the API.
can_create_child_users	-	Boolean	If true, the user can create child users.
api_key	-	String	The access token to the API for the user.

Additional return values:

Table 17.

Name	Mandatory	Type	Description
total_calls_count	-	Integer	Total record count of the result. <b>Returns the value, if the requested offset is '0' and the user_id was not specified only.</b>
calls_count	-	Integer	Record count of the current portion, i.e the <i>result</i> size. <b>Returns the value, if the user_id was not specified.</b>

Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=GetUsers&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9
```

Response example 1:

```
{
  "result": [
    {
      "location": "Europe/Moscow",
      "api_enabled": true,
      "copyright": true,
      "write_call_history": true,
      "user_id": 6651,
      "max_widgets": 3,
      "first_name": "petr",
      "user_name": "child_login",
      "email": "petr@mail.ru",
      "created": "2012-04-12 09:14:38",
      "api_key": "422ded62-9e9f-4600-b962-43ad0bc10425",
      "last_name": "petrov",
      "active": true,
      "disable_personal_mails": false,
      "disable_common_mails": false,
      "phone": "74953332211",
      "mobile_phone": "79263332211"
    },
    {
      "max_widgets": 3,
      "user_id": 6652,
      "first_name": "sasha",
      "user_name": "second_login",
      "location": "Europe/Moscow",
      "created": "2012-04-12 11:30:19",
      "email": "bush@mail.ru",
      "last_name": "bushev",
      "active": true,
      "copyright": true,
      "write_call_history": true,
      "disable_personal_mails": false,
      "disable_common_mails": false
    }
  ],
  "total_users_count": 2,
  "users_count": 2
}
```



### Request example 2:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=GetUsers&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651
```

### Response example 2:

```
{
  "result": [
    {
      "location": "Europe/Moscow",
      "api_enabled": true,
      "copyright": true,
      "write_call_history": true,
      "user_id": 6651,
      "max_widgets": 3,
      "first_name": "petr",
      "user_name": "child_login",
      "email": "petr@mail.ru",
      "created": "2012-04-12 09:14:38",
      "api_key": "422ded62-9e9f-4600-b962-43ad0bc10425",
      "last_name": "petrov",
      "active": true,
      "disable_personal_mails": false,
      "disable_common_mails": false
    }
  ]
}
```

### Request example 3:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=GetUsers&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
offset=1&
count=50
```

### Response example 3:

```
{
  "result": [
    {
      "max_widgets": 3,
      "user_id": 6652,
      "first_name": "sasha",
      "user_name": "second_login",
      "location": "Europe/Moscow",
      "created": "2012-04-12 11:30:19",
      "email": "bush@mail.ru",
      "last_name": "bushev",
      "active": true,
      "copyright": true,
      "write_call_history": true,
      "disable_personal_mails": false,
      "disable_common_mails": false
    }
  ],
  "users_count": "1"
}
```

### See also:

SetUserInfo, GetWidgets, GetAccountInfo

## 4.2.5. SetUserInfo

Update the user's profile.

### Parameters:

Table 18.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/ session_id	+	String	
user_id	+	Integer	The user ID of updating profile.
old_password	-	String	The old user's password. Specify the parameter if you want to change password.
new_password		String	The new user's password. User's password must be at least 6 characters long. Owner must set the <i>old_password</i> parameter to change the password. <b>Super user may change the <u>child</u> user's password without <i>old_password</i>.</b>
first_name	-	String	The first user's name.
last_name	-	String	The last user's name.
email	-	String	The user's e-mail.
location	-	String	The user's location (see Table User's location). Invalid values will be ignored. The value is used to determinate the Time zone and widget working hours.
max_widgets	-	Integer	The max widget count for the new child user.
company_name	-	String	The user's company name.
address	-	String	The user's address.
phone	-	String	The private user's phone number.
mobile_phone	-	String	Register your mobile phone to be able to receive SMS notifications.
disable_personal_mails	-	Boolean	Set to 'true' to disable the personal mails (not recommend).
disable_common_mails	-	Boolean	Set to 'true' to disable the common mails.
country	-	String	The user's country.
api_enabled	-	Boolean	Super user can allow/forbid the API access for children users. <b>Attention: The owner (and super users too) can not change the its API access.</b>

### Return value:

Returns success value "1".

### Additional return values:

Table 19.

Name	Mandatory	Type	Description
api_key	-	String (36)	The access token to the API for the user.

Errors:

Table 20.

Code	Description
100	Authorization failed.
104	Forbidden command.
112	User's password is too small.
113	User's name length is too small.
114	User's name contains invalid symbols.
128	User's e-mail isn't unique.

Note: all errors in the Chapter 5.

Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetUserInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
new_password=new_child_password&  
last_name=petrovich&  
email=petro@mail.ru&  
company_name=AvtoTAZ
```

Response example 1:

```
{"result":1}
```

Request example 2:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetUserInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
new_password=new_child_password&  
last_name=petrovich&  
email=petro@mail.ru&  
company_name=AvtoTAZ&  
api_enabled=true
```

Response example 2:

```
{  
  "result":1,  
  "api_key":"422ded62-9e9f-4600-b962-43ad0bc10425"  
}
```

See also:

GetWidgets, GetCurrentUserID, AddWidget, UpgradeTariff

## 4.2.6. SetBankCardSettings

Sets a bank card settings.

### Parameters:

Table 21.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
auto_charge	+	Boolean	The auto charge flag.

### Return value:

Returns success value "1".

### Errors:

Table 22.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetBankCardSettings&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
auto_charge=false
```

### Response example:

```
{"result":1}
```

### See also:

GetAccountInfo

## 4.2.7. GetAccountInfo

Gets the user's account info.

### Parameters:

Table 23.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.

### Return value:

Returns the account info.

Table 24. Returning account fields.

Name	Mandatory	Type	Description
balance	+	Float	The balance, \$
tariff_name	+	String	The tariff name.
tariff_type	+	String	The tariff type: "pay as you go", "pstn", "voip"
num_lines	+	Integer	The number of phone lines.
extra_call_cost	-	Float	The extra call cost for the current 'void' tariff.
extra_minute_cost	-	Float	The extra minute cost for the current 'pstn', 'pay as you go' tariff.
free_interval	+	Integer	The free call duration in seconds.
frozen	+	Boolean	Is the account frozen.
auto_charge	+	Boolean	Is auto charge enable (monthly payment).
monthly_charge	-	Float	The monthly charge size for the new tariff.
last_charge	-	Date	The last charge date.
call_duration_limit	+	Integer	The call duration limit.
credit_limit	+	Float	The credit limit.
calls_included	-	Integer	The calls included for the current 'void' tariff.
minutes_included	-	Integer	The minutes included for the current 'pstn' tariff.
minutes_left	-	Integer	The minutes left for the current 'pstn' tariff.
calls_left	-	Integer	The calls left for the current 'void' tariff.
expiration_date	+	Date	The expiration date of the current tariff period.
custom	+	Boolean	Isn't public tariff.
trial	+	Boolean	"true", "1", "yes" – the trial period, "false", "0", "no" – the paid period.
trial_end_date	-	Date	The trial end date.
trial_days	-	Integer	The trial day count for the current trial tariff.
trial_days_left	-	Integer	The trial days left for the current trial tariff.

tariff_id	+	Integer	The current tariff ID.
new_tariff_id	+	Integer	The tariff ID after expiration_date

**Errors:**

Table 25.

Code	Description
100	Authorization failed.
115	The 'user_id' parameter is invalid.

Note: all errors in the Chapter 5.

**Request example:**

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetAccountInfo&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651
```

**Response example:**

```
{
  "result": {
    "auto_charge": true,
    "tariff_type": "pstn",
    "free_interval": 0,
    "extra_minute_cost": 0.07,
    "frozen": false,
    "minutes_included": 100,
    "tariff_name": "RU_Small_Fixed",
    "monthly_charge": 10.0,
    "balance": 0.0,
    "call_duration_limit": 10000,
    "num_lines": 100,
    "trial_end_date": "2012-08-20",
    "credit_limit": 0.0,
    "minutes_left": 100,
    "expiration_date": "2012-08-20",
    "tariff_id": 110,
    "trial_days": 14,
    "trial_days_left": 10,
    "trial": true,
    "new_tariff_id": 253,
    "custom": false
  }
}
```

**See also:**

GetAllowedTariffs, SetBankCardSettings

## 4.2.8. UpgradeTariff

Creates a tariff changing request - the real tariff (`new_tariff_id`) will be changed to '`new_tariff_id`' on '`expiration_date`' (see `GetAccountInfo`) if the user's balance is sufficient.

If need you can charge the balance by `GetRobokassaPaymentURL` calling.

### Parameters:

Table 26.

Name	Mandatory	Type	Description
<code>user_name</code>	+	String	The access parameters.
<code>api_key/session_id</code>	+	String	
<code>user_id</code>	+	Integer	The user ID.
<code>tariff_id</code>	+	Integer	The new tariff ID. <b>Note: the new tariff mustn't be trial.</b>

### Return value:

Returns success value "1".

### Errors:

Table 27.

Code	Description
100	Authorization failed.
115	The ' <code>user_id</code> ' parameter is invalid.
110	Invalid tariff.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=UpgradeTariff&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
tariff_id=111
```

### Response example:

```
{"result":1}
```

### See also:

`GetAllowedTariffs`, `GetUsers`, `GetRobokassaPaymentURL`, `GetAccountInfo`

## 4.2.9. GetRobokassaPaymentURL

Gets the robokassa payment URL to try to increase the user's balance.

### Parameters:

Table 28.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
amount	+	Float	The money amount, \$

### Return value:

Returns the payment URL.

### Errors:

Table 29.

Code	Description
100	Authorization failed.
115	The 'user_id' parameter is invalid.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetRobokassaPaymentURL&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
amount=10.0
```

### Response example:

```
{  
  "result": "https://auth.robokassa.ru/Merchant/Index.aspx?  
  MrchLogin=zingaya&OutSum=320.0&InvId=678&Desc=Oplata&SignatureValue=A6957AF  
  23D1BF0DDA2B547E6F83ACD47&Email=petr%40mail.ru&Culture=ru"  
}
```

### See also:

GetAllowedTariffs, GetUsers, GetAccountInfo, UpgradeTariff



## 4.2.10. DistributeMoney

Transfer some money to a child user.

### Parameters:

Table 30.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
amount	+	Float	The money amount.

### Return value:

Returns success value "1".

### Errors:

Table 31.

Code	Description
100	Authorization failed.
125	Invalid money amount.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DistributeMoney&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
amount=1.00023
```

### Response example:

```
{"result":1}
```

### See also:

GetAccountInfo, GetUsers, SetUserInfo, GetChildAccountsToBeCharged

## 4.2.11. GetChildAccountsToBeCharged

Gets all child accounts to be charged.

### Parameters:

Table 32.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
charge_date	+	Date	The expected charge date.

### Return value:

Returns array of users' IDs.

### Errors:

Table 33.

Code	Description
100	Authorization failed.
126	Invalid charge date.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetChildAccountsToBeCharged&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
charge_date=2012-07-01
```

### Response example:

```
{"result": [6651, 6652]}
```

### See also:

DistributeMoney, GetAccountInfo, GetUsers, GetAllowedTariffs

## 4.2.12. PersonalCharge

Performs the personal charge.

### Parameters:

Table 34.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID .

### Return value:

Returns array of users' IDs.

### Errors:

Table 35.

Code	Description
100	Authorization failed.
127	Charge failed.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=PersonalCharge&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651
```

### Response example:

```
{"result":1}
```

### See also:

DistributeMoney, GetAccountInfo

## 4.2.13. GetAuthURL

Gets the auto authentication URL for the personal web page.  
The URL will be expired after 1 day by default.

**Warning: the URL expires after click immediately.**

### Parameters:

Table 36.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID .
auth_domain	-	String	The authorized domain.
expired	-	Timestamp	The URL expiration date. <b>The date format is</b> <b>yyyy-MM-dd HH:mm:ss</b>

### Return value:

Returns the auto authentication URL.

### Errors:

Table 37.

Code	Description
100	Authorization failed.
115	The 'user_id' parameter is invalid.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetAuthURL&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
auth_domain=trade.zingaya_partner.com
```

### Response example:

```
{"result": "https://zingaya.com/cp/users/autologin/auth_token:44556677-1122-3344-  
5566-888844448888/user_id:6651"}
```

### See also:

Logon

## 4.2.14. GetUserDiscounts

Gets the all user discounts.

### Parameters:

Table 38.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID .

### Return value:

Returns the discounts array.

Table 39. Returning discount fields.

Name	Mandatory	Type	Description
discount_id	+	Integer	The discount ID.
discount_type	+	Integer	The discount type: 1 - periodic discount.
active	+	Bool	The valid flag.
expiration_date	+	Date	The expiration date (included).
from_date	-	Date	The first discount date (included).
relative_value	+	Real	The discount value from range (0; 1] 0 – no discount, ... 1 - 100% free
count	-	Integer	The discount count. The discount is unlimited If missing.

### Errors:

Table 40.

Code	Description
100	Authorization failed.
115	The 'user_id' parameter is invalid.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetUserDiscounts&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9
```

Response example:

```
{
  "result": [
    {
      "relative_value":0.7,
      "discount_type":1,
      "expiration_date":"2013-12-01",
      "active":true,
      "discount_id":4,
      "from_date":"2013-07-03"
    },
    {
      "count":3,
      "relative_value":0.2,
      "discount_type":1,
      "expiration_date":"2013-11-01",
      "active":true,
      "discount_id":3
    }
  ]
}
```

See also:

GetAccountInfo

## 4.3. Widgets control

### 4.3.1. AddWidget

Adds a new widget to current/children user.

Parameters:

Table 41.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/session_id	+	String		
user_id	+	Integer	The user ID.	
widget_name	-	String	The user's widget name.	widget_N
record_calls	-	Boolean	Set true to record child user conversations.	false
voicemail	-	Boolean	Set true to enable voicemail service for the new user.	false
graphics	-	String	The widget's decor attributes list (see Table Widget's decor attributes). The items separated by ';' symbol. An item consists of name, ':' symbol and an URL encoded value.	
button_graphics	-	String	The widget button decor attributes list (see Table Widget button decor attributes). The items separated by ';' symbol. An item consists of name, ':' symbol and an URL encoded value. Example: text:Call+Us;foreground:%231b75c0	
countries	-	String	Specify the comma separated list of countries' names to enable the incoming calls filter. (The geo targeting service). Example: RU, UA, US	
google_analytics	-	String	The google analytics ID for a new widget.	
callme_number	-	String	The callme PSTN number. You may use <u>digits only</u> without any spaces or '+' symbols.	
callme_number_type	-	String	The number type: "pstn" or "sip".	pstn
sipaccount_id	-	Integer	The SIP account ID.	

Table 42. Widget's decor attributes.

Name	Mandatory	Type	Description	Default value
dtmf_keypad	-	Boolean	Specify the parameter to 'true' to show the DTMF (Dual Tone Multi Frequency) keypad after dialing.	false

Table 43. Widget button decor attributes.

Name	Mandatory	Type	Description	Default value
size	-	URL encoded string	The button size. You may set the following values: <ul style="list-style-type: none"> <li>• small</li> <li>• medium</li> <li>• big</li> </ul>	small
button_type	-	URL encoded string	The color scheme of the tube icon. You may set the following values: <ul style="list-style-type: none"> <li>• light</li> <li>• dark</li> </ul>	light
text	-	URL encoded string	The button label (for example: Call+Us+Online). The max label length is 100.	
textcolor1	-	URL encoded string	The label color in the format #rrggbb (for example: %23ffffff). Note: # coded as %23	
textcolor2	-	URL encoded string	The label color with gradient in the format #rrggbb (for example: %23ffffff). Note: # coded as %23	
text_shadow	-	Boolean	The text shadowing.	
foreground	-	URL encoded web color	The foreground color in the format #rrggbb (for example: %231b75c0). Note: # coded as %23	
foreground2	-	URL encoded web color	The foreground color with gradient in the format #rrggbb (for example: %231b75c0). Note: # coded as %23	
foreground_hover	-	URL encoded web color	The foreground color in hover in the format #rrggbb (for example: %231c94ff). Note: # coded as %23	
foreground_hover2	-	URL encoded web color	The foreground color with gradient in hover in the format #rrggbb (for example: %231c94ff). Note: # coded as %23	
corner_radius	-	Integer	The button corner radius. The max value is 30.	4



Return value:

Returns success value "1".

Additional return values:

Table 44.

Name	Mandatory	Type	Description
widget_id	+	Integer	The new user's widget ID. The value identifies the user's widget in the API.
callme_id	+	String (32)	The unique widget callme ID. The value identifies the user's widget in Internet.

Errors:

Table 45.

Code	Description
100	Authorization failed.
108	Exceed the max widget count per user.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AddWidget&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
voicemail=true&  
countries=RU%2CUA%2CUS
```

Response example:

```
{  
  "result":1,  
  "widget_id":12399,  
  "callme_id": "53fdbbc734b874f19b5e450db357e0fdb"  
}
```

See also:

GetWidgets, DelWidget, AddCallmeNumber

### 4.3.2. DelWidget

Deletes user's widget.

Parameters:

Table 46.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	+	Integer or String(32)	The deleting widget ID or callme ID.

Return value:

Returns success value "1".

Errors:

Table 47.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelWidget&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12399
```

Request example 2:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelWidget&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=53fdb734b874f19b5e450db357e0fdb
```

Response example:

```
{"result":1}
```

See also:

GetWidgets, AddWidget, DelCallmeNumber

### 4.3.3. GetWidgets

Returns information about users' widgets with numbers and its working hours info.

Parameters:

Table 48.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	-	Integer or String(32)	The particular widget ID or callme ID. Specify the parameter to get the particular user's widget. If not specified, returns all users' widgets.

Return value:

Returns array of users' widgets.

Errors:

Table 49.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Table 50. Returning widget fields.

Name	Mandatory	Type	Description
widget_id	+	Integer	The user's widget ID. The value identifies the user's widget in the API.
callme_id	+	String	The unique widget callme ID. The value identifies the user's widget in Internet.
widget_name	+	String	The user's widget name.
created	+	Timestamp	The widget creation time in the user_name time zone.
countries	-	String	
record_calls	-	Boolean	Is record user conversations enabled.
voicemail	-	Boolean	Is voicemail service enabled for the widget.
active	+	Boolean	Is widget working.
graphics	-	String	The widget's decor attributes list (see Table Widget's decor attributes).
button_graphics	-	String	The widget button decor attributes list (see Table Widget button decor attributes).
google_analytics	-	String	The google analytics ID for the widget.
callme_numbers	-	Array	The array of callme phone numbers (see Table Returning phone number fields).

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetWidgets&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651
```

Response example:

```
{
  "result": [
    {
      "widget_id": 12397,
      "record_calls": false,
      "callme_numbers": [
        {
          "is_active": true,
          "created": "2012-04-12 09:14:38",
          "hours": {
            "FRI": [0,24],
            "TUE": [0,24],
            "MON": [0,24],
            "SAT": [0,24],
            "THU": [0,24],
            "WED": [0,24],
            "SUN": [0,24]
          },
          "callme_number": "79268884422",
          "callme_number_id": 14125,
          "type": "pstn"
        }
      ],
      "created": "2012-04-12 09:14:38",
      "voicemail": false,
      "widget_name": "widget_1",
      "active": true,
      "callme_id": "a6afc89c22b1457c801fa34f1949c990",
      "domain_filter_enabled": false
    },
    {
      "widget_id": 12400,
      "record_calls": true,
      "created": "2012-04-13 09:09:40",
      "voicemail": false,
      "widget_name": "my_second_widget",
      "active": true,
      "callme_id": "c690defd8ab8481c8ee780b3b1393284",
      "graphics": "dtmf_keypad:true",
      "domain_filter_enabled": false
    }
  ]
}
```

See also:

AddWidget, GetCallHistory

### 4.3.4. SetWidgetInfo

Updates widget's information.

Parameters:

Table 51.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	+	Integer or String(32)	The updating widget ID or callme ID.
widget_name	-	String	The user's widget name.
record_calls	-	Boolean	Set true to record child user conversations.
voicemail	-	Boolean	Set true to enable voicemail service for the new user.
graphics	-	String	The widget's decor attributes list (see Table Widget button decor attributes).
button_graphics	-	String	The widget button decor attributes list (see Table Widget button decor attributes).
countries	-	String	Specify the comma separated list of countries' names to enable the incoming calls filter. (The geo targeting service). Example: RU, UA, US
google_analytics	-	String	The google analytics ID for the widget.

Return value:

Returns success value "1".

Errors:

Table 52.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetWidgetInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12397&  
voicemail=true&  
graphics=dtmf_keypad%3Atrue&  
button_graphics=button_type:light;text:Call+Us+Online;  
foreground:%231b75c0;foreground2:%231b75c0;  
foreground_hover:%231c94ff;foreground_hover2:%231c94ff;  
corner_radius:4;textcolor1:%23ffffff;textcolor2:%23ffffff;text_shadow:true;  
size:small;
```

Response example:

```
{"result":1}
```

See also:

GetWidgets, DelWidget, AddCallmeNumber

### 4.3.5. GetWidgetURL

Gets the URL of exists widget. You can make calls by the URL.

Parameters:

Table 53.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	+	Integer or String(32)	The updating widget ID or callme ID.

Return value:

Returns the widget URL.

Errors:

Table 54.

Code	Description
100	Authorization failed.
115	The 'user_id' parameter is invalid.
116	The 'widget_id' parameter is invalid.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetWidgetURL&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12397
```

Response example:

```
{"result": "http://zingaya.com/widget/a6afc89c22b1457c801fa34f1949c990"}
```

See also:

GetWidgets, AddWidget

## 4.4. Numbers control

### 4.4.1. AddCallmeNumber

Adds callme widget's number.

#### Parameters:

Table 55.

Name	Mandatory	Type	Description	Default
user_name	+	String	The access parameters.	
api_key/session_id	+	String		
user_id	+	Integer	The user ID.	
widget_id	+	Integer or String(32)	The updating widget ID or callme ID.	
callme_number	+	String	The callme PSTN number. You may use <u>digits only</u> <b>without</b> any spaces or '+' symbols.	
callme_number_type	-	String	The number type: "pstn" or "sip".	pstn
sipaccount_id	-	Integer	The SIP account ID.	

#### Return value:

Returns success value "1".

#### Additional return values:

Table 56.

Name	Mandatory	Type	Description
callme_number_id	+	Integer	The number ID. The value identifies the callme number in API.
is_active	+	Boolean	You need to activate the number by SMS message If false (see SendActivationCodeForMobileNumber).

#### Errors:

Table 57.

Code	Description
100	Authorization failed.
107	Invalid PSTN number.
109	Exceed the max number count per widget.
124	Forbidden phone number.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AddCallmeNumber&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12397&  
callme_number=79858838485
```

Response example:

```
{
  "result": 1,
  "callme_number_id": 14127
}
```

See also:

GetWidgets, SetCallmeNumber, SetWorkingHours , DelCallmeNumber, SendActivationCodeForMobileNumber



## 4.4.2. ConfirmMobileNumberActivation

Confirms mobile number activation.

### Parameters:

Table 58.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number	+	String	The callme PSTN number. You may use <b>digits only</b> without any spaces for PSTN number.
activation_code	+	String	The activation code from the received SMS (4 random digits).

### Return value:

Returns success value "1".

### Errors:

Table 59.

Code	Description
100	Authorization failed.
121	Invalid phone number.
141	The 'activation_code' parameter is invalid.
142	Activation is not required for the number.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=ConfirmMobileNumberActivation&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number=79858838485&  
activation_code=0129&
```

### Response example:

```
{"result": 1}
```

### See also:

GetWidgets, SetCallmeNumber, SendActivationCodeForMobileNumber

### 4.4.3. DelCallmeNumber

Deletes widget's number.

#### Parameters:

Table 60.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number_id	+	Integer	The deleting number ID.

#### Return value:

Returns success value "1".

#### Errors:

Table 61.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelCallmeNumber&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number_id=14127
```

#### Response example:

```
{"result": 1}
```

#### See also:

GetCallmeNumbers, SetCallmeNumber, AddCallmeNumber

## 4.4.4. GetCallmeNumbers

Gets phone numbers of widgets.

### Parameters:

Table 62.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	+	Integer or String(32)	The updating widget ID or callme ID.
callme_number_id	-	String	Specify the parameter to get the particular phone number. If not specified, returns all phone numbers.

### Return value:

Returns array of callme phone numbers.

Table 63. Returning phone number fields.

Name	Mandatory	Type	Description
callme_number_id	+	Integer	The number ID. The value identifies the callme number in API.
callme_number	+	String	The callme PSTN number.
created	+	Timestamp	The callme phone number creation time in the user_name time zone.
is_active	+	Boolean	Is number enable.
type	+	String	The number type: "pstn" or "sip"
hours	-	Array	Array of number working hours (see Table Returning working hours fields).

### Errors:

Table 64.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCallmeNumbers&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12397
```

Response example:

```
{
  "result": [
    {
      "is_active": true,
      "created": "2012-04-13 10:07:19",
      "hours": {
        "FRI": [0,24],
        "TUE": [0,24],
        "MON": [0,24],
        "SAT": [0,24],
        "THU": [0,24],
        "WED": [0,24],
        "SUN": [0,24]
      },
      "callme_number": "74953112211",
      "callme_number_id": 14128,
      "type": "pstn"
    },
    {
      "is_active": true,
      "created": "2012-04-12 09:14:38",
      "hours": {
        "FRI": [0,24],
        "TUE": [0,24],
        "MON": [0,24],
        "SAT": [0,24],
        "THU": [0,24],
        "WED": [0,24],
        "SUN": [0,24]
      },
      "callme_number": "79198884433",
      "callme_number_id": "14125",
      "type": "pstn"
    }
  ]
}
```

See also:

GetWidgets, SetCallmeNumber, SetWorkingHours , DelCallmeNumber, AddCallmeNumber

## 4.4.5. SendActivationCodeForMobileNumber

Sends an activation code for the mobile number.

### Parameters:

Table 65.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number	+	String	The callme PSTN number. You should specify the already added mobile number.

### Return value:

Returns success value "1".

### Errors:

Table 66.

Code	Description
100	Authorization failed.
121	Invalid phone number.
139	Trial is over for the phone number.
140	Exceed the max mobile number activation count per user.
142	Activation is not required for the number.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SendActivationCodeForMobileNumber&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number=79198884433
```

### Response example:

```
{"result": 1}
```

### See also:

GetWidgets, ConfirmMobileNumberActivation

## 4.4.6. SetCallmeNumber

Updates phone number of widget.

### Parameters:

Table 67.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number_id	+	Integer	The updating number ID.
callme_number	+	String	The callme PSTN number. You may use <u>digits only</u> <b>without</b> any spaces or '+' symbols.
callme_number_type	-	String	The number type: "pstn" or "sip".
sipaccount_id	-	Integer	The SIP account ID.

### Return value:

Returns success value "1".

### Errors:

Table 68.

Code	Description
100	Authorization failed.
107	Invalid PSTN number.
124	Forbidden phone number.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetCallmeNumber&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number_id=14125&  
callme_number=79198884433
```

### Response example:

```
{"result": 1}
```

### See also:

GetWidgets, SetWorkingHours, DelCallmeNumber

## 4.5. Working hours control

### 4.5.1. GetWorkingHours

Gets all working hours of the widget's number.

Parameters:

Table 69.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number_id	+	Integer	The callme number number ID.

Return value:

Returns object of working hours.

Table 70. Returning working hours fields.

Name	Mandatory	Type	Description
MON	-	Array of two Integers	If day is missing, the phone number isn't work in that day. Phone number works in the returned hours ranges only.
TUE	-	Array of two Integers	
WED	-	Array of two Integers	
THU	-	Array of two Integers	
FRI	-	Array of two Integers	
SAT	-	Array of two Integers	
SUN	-	Array of two Integers	

Errors:

Table 71.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetWorkingHours&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number_id=14125
```

Response example:

```
{  
  "result": {  
    "MON": [10,19],  
    "WED": [9,18]  
  }  
}
```

See also:

SetWorkingHours, GetWidgets

## 4.5.2. SetWorkingHours

Sets all working hours of the widget's number.

### Parameters:

Table 72.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
callme_number_id	+	Integer	The callme number number ID.
MON	-	Integer-Integer	1) If all parameters are missing, no restrictions to take a call by a customer – the phone number will work always. 2) You may specify the working hours range – one range per one day. Example, if you specify: <b>MON=10-19&amp;WED=9-18</b> than the phone number will work on Monday from 10 <sup>00</sup> to 19 <sup>00</sup> and on Wednesday from 9 <sup>00</sup> to 18 <sup>00</sup> <u>only</u> , i.e. the phone number will <u>not work</u> on Tuesday, Thursday, Saturday and Sunday! 3) If you specify a degenerated range like <b>MON=13-13</b> <i>or</i> <b>MON=13-10</b> , you receive an error.
TUE	-	Integer-Integer	
WED	-	Integer-Integer	
THU	-	Integer-Integer	
FRI	-	Integer-Integer	
SAT	-	Integer-Integer	
SUN	-	Integer-Integer	

### Return value:

Returns success value "1".

### Errors:

Table 73.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetWorkingHours&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
callme_number_id=14125&  
MON=10-19&WED=9-18
```

### Response example:

```
{"result": 1}
```

### See also:

GetWidgets, GetWorkingHours, SetCallmeNumber



## 4.6. Calls history control

### 4.6.1. GetCallHistory

Returns call history from the user's widget in the required format.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

Parameters:

Table 74.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/ session_id	+	String		
user_id	+	Integer	The user ID.	
widget_id	-	Integer or String (32)	The widget ID or callme ID.	
from_date	-	Timestamp	Retrieve history from the date. <b>The date format is</b> <b>yyyy-MM-dd HH:mm:ss</b>	
to_date	-	Timestamp	Retrieve history up to the date. <b>The date format is</b> <b>yyyy-MM-dd HH:mm:ss</b>	Current time.
timezone	-	String	The timezone name for input/output dates (for example: UTC)	User's timezone
use_call_end_time	-	Boolean	Specify <code>true</code> to filter call by date+duration.	false
extra_info	-	String	The extra info filter.	
is_successful	-	Boolean	Specify the parameter to output the successful/unsuccessful records only.	
offset	-	Integer	Skip the first portion of the results.	0
count	-	Integer	Allows you to retrieve just a portion of the results.	50
show_total_count	-	Boolean	Specify the parameter to <b>try</b> to output total filtered record count. To achieve the max performance set the parameter to <b>false</b> .	true
tail	-	void	Specify the parameter to output the records in an descent order. Do not specify the parameter with the future date ( <code>to_date</code> ) to traverse the all records without possible repeating (if some new calls incoming during records reading).	
output	-	String	The output format type: <b>xls</b> – Excel file, <b>json</b> – JSON format.	json

Return value:

Returns array of calls history records.

Table 75. Returning calls history fields.

Name	Mandatory	Type	Description
id	+	Integer	The call history ID.
duration	+	Integer	The call duration, sec.
call_date	+	Timestamp	The date and time of the call in the <code>user_id</code> time zone.
phone	+	String	The called phone number.
price	+	Float	The call cost.
direction	+	String	The call direction.
widget_page_url	-	String	The widget's page URL.
widget_id	+	Integer	The widget ID.
widget_name	+	String	The widget name.
client_ip	-	String	The client IP.
client_country	-	String	The client country.
client_city	-	String	The client city.
record_url	-	String	The call record URL.
extra_info	-	String	The custom info.
external_id	-	String	The custom external ID.
status_code	+	Integer	The invoke status code. 200 – is OK.
finish_reason	-	String	The finish reason.
successful	+	Boolean	The call status: <code>true</code> – if a customer heard any response from the second side. <code>false</code> – if a customer did not hear any response.
poll	-	Array	Array of string 'question' and string 'answer' pairs

Additional return values:

Table 76.

Name	Mandatory	Type	Description
total_calls_count	-	Integer	Total record count of the result. <b>Returns the value, if the <code>show_total_count=true</code> and the execution time limit wasn't reached.</b>
calls_count	+	Integer	Record count of the current portion.

Errors:

Table 77.

Code	Description
100	Authorization failed.
105	The required output format type is not supported.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

#### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetCallHistory&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651&
widget_id=12397&
from_date=2011-07-12%2013%3A20%3A05&
to_date=2011-07-12%2013%3A50%3A11&
offset=0&
count=2&
output=json
```

#### Response example 1:

```
{
  "result": [
    {
      "id": 140225,
      "duration": 16,
      "call_date": "2011-07-12 13:25:29",
      "phone": "74956265252",
      "price": 0.0,
      "direction": "Russia Moscow",
      "widget_page_url": "http://example.com/support/",
      "client_ip": "195.78.60.1",
      "successful": true,
      "status_code": 200
      "poll": [
        {"question": "How old are you?",
         "answer": "37"},
        {"question": "What is your profession?",
         "answer": "Programmer"}
      ]
    },
    {
      "id": 140230,
      "duration": 146,
      "call_date": "2011-07-12 13:29:07",
      "phone": "74956265252",
      "price": 0.0,
      "direction": "Russia Moscow",
      "widget_page_url": "http://example.com/support/",
      "client_ip": "217.66.146.3",
      "successful": true,
      "status_code": 200
    }
  ],
  "total_calls_count": 29679,
  "calls_count": 2
}
```

#### Request example 2:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetCallHistory&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651&
widget_id=12397&
from_date=2011-07-12%2013%3A20%3A05&
to_date=2011-07-12%2013%3A50%3A11&
offset=2&
count=2&
output=json
```

#### Response example 2:

```
{
  "result": [
    {
      "id": 140239,
      "duration": 135,
      "call_date": "2011-07-12 13:43:43",
      "phone": "74956265252",
      "price": 0.0,
      "direction": "Russia Moscow",
      "widget_page_url": "http://www.example.com/support/",
      "client_ip": "77.45.134.93",
      "extra_info": "any string",
      "successful": true,
      "status_code": 200,
    },
    {
      "id": 140243,
      "duration": 249,
      "call_date": "2011-07-12 13:46:39",
      "phone": "74956265252",
      "price": 0.0,
      "direction": "Russia Moscow",
      "widget_page_url": "http://www.example.com/",
      "client_ip": "195.98.177.130"
    }
  ],
  "calls_count": 2
}
```

Request example 3:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetCallHistory&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
widget_id=12397&  
from_date=2011-07-12%2013%3A20%3A05&  
to_date=2011-07-12%2013%3A50%3A11&  
output=xls
```

Response example 3: Excel file 'callhistory.xls'

ID	Date	Phone	Duration, sec	Price \$	Direction	Client IP	Webpage URL
140225	2011-07-12 13:25:29	74956265252	16	0	Russia Moscow	195.78.60.1	http://example.com/support/
140230	2011-07-12 13:29:07	74956265252	146	0	Russia Moscow	217.66.146.3	http://example.com/support/
140239	2011-07-12 13:43:43	74956265252	135	0	Russia Moscow	77.45.134.93	http://www.example.com/support/
140243	2011-07-12 13:46:39	74956265252	249	0	Russia Moscow	195.98.177.130	http://www.example.com/
140241	2011-07-12 13:47:29	74956265252	154	0	Russia Moscow	109.191.81.0	http://www.example.com/support/
140242	2011-07-12 13:49:54	74956265252	34	0	Russia Moscow	178.90.43.134	http://example.com/support/

See also:

SetCallExtraInfo, GetCallMap, GetVoicemails

## 4.6.2. SetCallExtraInfo

Sets an any extra call history info.

### Parameters:

Table 78.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
call_history_id	+	Integer	The call history ID.
extra_info	+	String	An any string.

### Return value:

Returns success value "1".

### Errors:

Table 79.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetCallExtraInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
call_history_id=140239&  
extra_info=fine%20customer%20service!
```

### Response example:

```
{"result":1}
```

### See also:

GetCallHistory

### 4.6.3. GetCallMap

Gets the calls map.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

#### Parameters:

Table 80.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
from_date	-	Date	Retrieve history from the date. <b>The date format is <code>yyyy-MM-dd</code></b>
to_date	-	Date	Retrieve history up to the date. <b>The date format is <code>yyyy-MM-dd</code></b> Please, note: <code>from_date</code> ≤ <code>to_date</code>
output	+	String	The output format type: <b>xml</b> – XML file

#### Return value:

Returns the calls map data file.

#### Errors:

Table 81.

Code	Description
100	Authorization failed.
105	The required output format type is not supported.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetCallMap&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
from_date=2012-01-01&
to_date=2012-01-02&
output=xml
```

### Response example:

```
<map map_file="maps/world3.swf" url="#movie1"
  tl_long="-168.49" tl_lat="83.63"
  br_long="190.3" br_lat="-55.58" zoom="100%">
  <areas>
    <area title="United Kingdom" mc_name="GB" value="2"/>
    <area title="Russia" mc_name="RU" value="49"/>
  </areas>
  <movies>
    <movie file="target" title="Astrakhan (1 calls)"
      lat="46.349400" long="48.049198"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Fryazino (1 calls)"
      lat="55.960602" long="38.045601"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Kazan (4 calls)"
      lat="55.750000" long="49.133301"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Khabarovsk (2 calls)"
      lat="48.500000" long="135.100006"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Krasnodar (1 calls)"
      lat="45.032799" long="38.976898"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Moscow (20 calls)"
      lat="55.752201" long="37.615601"
      width="5" height="5" fixed_size="false" zoom="500"/>
    <movie file="target" title="Nizhniy Novgorod (2 calls)"
      lat="56.333302" long="44.000000"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Odintsovo (1 calls)"
      lat="55.669399" long="37.276699"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Perm (1 calls)"
      lat="58.000000" long="56.250000"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Podolsk (1 calls)"
      lat="55.423901" long="37.544201"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Ryazan (4 calls)"
      lat="54.619701" long="39.740002"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Saint Petersburg (9 calls)"
      lat="59.894402" long="30.264200"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Voronezh (1 calls)"
      lat="51.666401" long="39.169998"
      width="3" height="3" fixed_size="false" zoom="500"/>
    <movie file="target" title="Yekaterinburg (1 calls)"
      lat="56.849998" long="60.599998"
      width="3" height="3" fixed_size="false" zoom="500"/>
  </movies>
</map>
```

### See also:

[GetCallHistory](#), [GetVoicemails](#)



## 4.6.4. GetCallStatistics

Gets call statistics.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

Parameters:

Table 82.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
widget_id	-	Integer or String (32)	The widget ID or callme ID.
from_date	-	Date	Retrieve history from the UTC date. <b>The date format is <code>yyyy-MM-dd</code></b>
to_date	-	Date	Retrieve history up to the UTC date. <b>The date format is <code>yyyy-MM-dd</code></b>

Return value:

Returns statistics object.

Table 83. Returning statistics fields.

Name	Mandatory	Type	Description
calls	+	Integer	The call count for the period.
minutes	+	Integer	The total minute count for the period.
max_duration_sec	+	Integer	The max conversation duration in seconds.
avg_duration_sec	+	Integer	The average conversation duration in seconds.
monthly_statistics	+	Array of statistics points	Statistics by months.
weekly_statistics	+	Array of statistics points	Statistics by weeks.
daily_statistics	+	Array of statistics points	Statistics by days.

Table 84. Statistics point fields.

Name	Mandatory	Type	Description
period	+	String	The period.
calls	+	Integer	The call count.
minutes	+	Integer	The minute count.

## Errors:

Table 85.

Code	Description
100	Authorization failed.
105	The required output format type is not supported.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

## Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetCallStatistics&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651&
from_date=2010-06-01&
to_date=2011-07-31
```

## Response example:

```
{
  "result": {
    "max_duration_sec": 600,
    "minutes": 215,
    "avg_duration_sec": 30,
    "calls": 178,
    "monthly_statistics": [
      { "minutes": 124, "period": "2010-06-01 .. 2010-06-30", "calls": 97 },
      { "minutes": 91, "period": "2010-07-01 .. 2010-07-31", "calls": 81 }
    ],
    "weekly_statistics": [
      { "minutes": 24, "period": "2010-06-07 .. 2010-06-13", "calls": 19 },
      { "minutes": 14, "period": "2010-06-14 .. 2010-06-20", "calls": 13 },
      { "minutes": 48, "period": "2010-06-21 .. 2010-06-27", "calls": 32 },
      { "minutes": 41, "period": "2010-06-28 .. 2010-07-04", "calls": 36 },
      { "minutes": 12, "period": "2010-07-05 .. 2010-07-11", "calls": 11 },
      { "minutes": 18, "period": "2010-07-12 .. 2010-07-18", "calls": 16 },
      { "minutes": 42, "period": "2010-07-19 .. 2010-07-25", "calls": 35 },
      { "minutes": 16, "period": "2010-07-26 .. 2010-07-31", "calls": 16 }
    ],
    "daily_statistics": [
      { "minutes": 3, "period": "2010-06-07", "calls": 3 },
      { "minutes": 6, "period": "2010-06-09", "calls": 6 },
      { "minutes": 14, "period": "2010-06-10", "calls": 9 },
      { "minutes": 1, "period": "2010-06-11", "calls": 1 },
      { "minutes": 1, "period": "2010-06-14", "calls": 1 },
      { "minutes": 2, "period": "2010-06-15", "calls": 2 },
      { "minutes": 8, "period": "2010-06-16", "calls": 7 },
      { "minutes": 2, "period": "2010-06-17", "calls": 2 },
      { "minutes": 1, "period": "2010-06-19", "calls": 1 },
      { "minutes": 6, "period": "2010-06-23", "calls": 6 },
      { "minutes": 20, "period": "2010-06-24", "calls": 10 },
      { "minutes": 21, "period": "2010-06-25", "calls": 15 },
      { "minutes": 1, "period": "2010-06-26", "calls": 1 },
      { "minutes": 0, "period": "2010-06-28", "calls": 1 },
      { "minutes": 7, "period": "2010-06-29", "calls": 7 },
      { "minutes": 31, "period": "2010-06-30", "calls": 25 },
      { "minutes": 1, "period": "2010-07-03", "calls": 1 },
      { "minutes": 2, "period": "2010-07-04", "calls": 2 },
      { "minutes": 2, "period": "2010-07-06", "calls": 2 },
      { "minutes": 7, "period": "2010-07-07", "calls": 6 },
      { "minutes": 2, "period": "2010-07-10", "calls": 2 },
      { "minutes": 1, "period": "2010-07-11", "calls": 1 },
      { "minutes": 1, "period": "2010-07-12", "calls": 1 },
      { "minutes": 3, "period": "2010-07-13", "calls": 2 },
      { "minutes": 5, "period": "2010-07-14", "calls": 4 },
      { "minutes": 8, "period": "2010-07-15", "calls": 8 },
      { "minutes": 1, "period": "2010-07-17", "calls": 1 },
      { "minutes": 4, "period": "2010-07-19", "calls": 1 },
    ]
  }
}
```

```
{ "minutes": 6, "period": "2010-07-20", "calls": 6 },
{ "minutes": 18, "period": "2010-07-21", "calls": 18 },
{ "minutes": 5, "period": "2010-07-22", "calls": 3 },
{ "minutes": 6, "period": "2010-07-23", "calls": 4 },
{ "minutes": 3, "period": "2010-07-25", "calls": 3 },
{ "minutes": 4, "period": "2010-07-26", "calls": 4 },
{ "minutes": 2, "period": "2010-07-27", "calls": 2 },
{ "minutes": 10, "period": "2010-07-30", "calls": 10 }
]
}
}
```

**See also:**

GetCallMap, GetVoicemails, GetCallHistory

## 4.6.5. GetTransactionHistory

Gets user's transaction the calls map.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

Parameters:

Table 86.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
from_date	-	Date	Retrieve history from the date. <b>The date format is yyyy-MM-dd</b>
to_date	-	Date	Retrieve history up to the date. <b>The date format is yyyy-MM-dd</b> Please, note: <code>from_date ≤ to_date</code>
transaction_types	-	Comma separated list of string	The following list items available: <ul style="list-style-type: none"><li>• card_monthly_charge</li><li>• card_overrun_charge</li><li>• card_refund</li><li>• external_system_payment</li><li>• add_money</li><li>• call_charge</li><li>• monthly_charge</li><li>• money_distribution</li><li>• partner_fee</li><li>• partner_withdraw</li></ul>
offset	-	Integer	Skip the first portion of the results.
count	-	Integer	Allows you to retrieve just a portion of the results.
tail	-	void	Specify the parameter to output the records in an descent order. Do not specify the parameter with the future date ( <code>to_date</code> ) to traverse the all records without possible repeating (if some new calls incoming during records reading).

Return value:

Returns array of transaction history records.

Table 87. Returning transaction history fields.

Name	Mandatory	Type	Description
transaction_id	+	Integer	The transaction ID.
transaction_date	+	Timestamp	The transaction date and time.
amount	+	Float	The transaction amount.
transaction_type_name	+	String	The transaction type.
has_invoice	+	Boolean	Is the transaction invoice.
description	+	String	The transaction direction.

Errors:

Table 88.

Code	Description
100	Authorization failed.
105	The required output format type is not supported.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetTransactionHistory &
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
transaction_types=card_monthly_charge%2Ccard_overnun_charge
%2Cexternal_system_payment%2Cmonthly_charge&
from_date=2012-04-01&
to_date=2012-04-20&
offset=0&
count=4&
tail
```

Response example:

```
{ "result": [
{
  "amount": -10.0,
  "transaction_type_name": "monthly_charge",
  "transaction_date": "2012-04-18 00:01:03",
  "has_invoice": false,
  "transaction_id": 128338
},
{
  "amount": 10.0,
  "description": "Credit card payment with card *****1234",
  "transaction_type_name": "card_monthly_charge",
  "transaction_date": "2012-04-17 18:35:04",
  "has_invoice": true,
  "transaction_id": 128336
},
{
  "amount": 10.0,
  "description": "Credit card payment with card *****1234",
  "transaction_type_name": "card_overnun_charge",
  "transaction_date": "2012-04-17 17:45:57",
  "has_invoice": true,
  "transaction_id": 128334
},
{
  "amount": 10.0,
  "description": "Payment via Robokassa",
  "transaction_type_name": "external_system_payment",
  "transaction_date": "2012-04-13 16:54:47",
  "has_invoice": false,
  "transaction_id": 128331
}
]
}
```

See also:

GetCallHistory, GetVoicemails, GetTransactionInvoice

## 4.6.6. GetTransactionInvoice

Download transaction invoice. The transaction should have a *has\_invoice* flag (see GetTransactionHistory).

### Parameters:

Table 89.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
transaction_id	+	Integer	The transaction ID.
output	+	String	Set to pdf

### Return value:

Returns a PDF invoice document.

### Errors:

Table 90.

Code	Description
100	Authorization failed.
105	The required output format type is not supported.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetTransactionInvoice&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6650&  
transaction_id=128336&  
output=pdf
```

### See also:

GetCallHistory, GetTransactionHistory

## 4.7. Voicemails control

### 4.7.1. DelVoicemail

Deletes the user's voice mail.

#### Parameters:

Table 91.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
voicemail_id	+	Integer	The deleting voicemail ID.

#### Return value:

Returns success value "1".

#### Errors:

Table 92.

Code	Description
100	Authorization failed.
130	The 'voicemail_id' parameter is invalid.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelVoicemail&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
voicemail_id=940
```

#### Response example:

```
{"result": 1}
```

#### See also:

GetVoicemails

## 4.7.2. GetVoicemails

Gets user's voice mails.

**Your API client must specify the following header in the HTTP request:**  
**Accept-Encoding: gzip**

### Parameters:

Table 93.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/ session_id	+	String		
user_id	+	Integer	The user ID.	
widget_id	-	Integer or String (32)	The widget ID or callme ID.	
from_date	-	Timestamp	Retrieve voicemails from the date. <b>The date format is <code>yyyy-MM-dd HH:mm:ss</code></b>	
to_date	-	Timestamp	Retrieve voicemails up to the date. <b>The date format is <code>yyyy-MM-dd HH:mm:ss</code></b>	Current time.
listened	-	Boolean	Specify the parameter to output the listened/not listened records only.	
offset	-	Integer	Skip the first portion of the results.	0
count	-	Integer	Allows you to retrieve just a portion of the results.	50
tail	-	void	Specify the parameter to output the records in an descent order. Do not specify the parameter with the future date ( <code>to_date</code> ) to traverse the all records without possible repeating (if some new calls incoming during records reading).	

### Return value:

Returns array of voicemails.

Table 94. Returning voicemail fields.

Name	Mandatory	Type	Description
voicemail_id	+	Integer	The voicemail ID.
date	+	Timestamp	The date and time of the voicemail in the <code>user_id</code> time zone.
duration	+	Integer	The voicemail duration, sec.
record_url	-	String	The voicemail record URL.
listened	-	Boolean	The custom info.
widget_id	+	Integer	The widget ID.



Additional return values:

Table 95.

Name	Mandatory	Type	Description
total_calls_count	-	Integer	Total record count of the result. <b>Returns the value, if the requested offset is '0' only.</b>
calls_count	+	Integer	Record count of the current portion.

Errors:

Table 96.

Code	Description
100	Authorization failed.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?
cmd=GetVoicemails&
user_name=ivanov&
api_key=0821d48c-160c-4b97-845d-22ec096554f9&
user_id=6651&
widget_id=12397&
from_date=2011-07-12%2017%3A20%3A05&
to_date=2011-07-12%2023%3A50%3A11&
listened=false&
offset=0&
count=2
```

Response example 1:

```
{
  "result": [
    {
      "voicemail_id": 940,
      "duration": 6,
      "listened": false,
      "widget_id": 12397,
      "date": "2011-07-12 18:17:31",
      "record_url": "http://host02.zingaya.com/audio/voicemail/2011/7/12/186d0f141fc83d6
b.1310480251.48933.flv"
    },
    {
      "voicemail_id": 941,
      "duration": 15,
      "listened": false,
      "widget_id": 12397,
      "date": "2011-07-12 19:30:40",
      "record_url": "http://host04.zingaya.com/audio/voicemail/2011/7/12/f2c7e7ace936b60
b.1310484640.86477.flv"
    }
  ],
  "total_calls_count": 5,
  "calls_count": 2
}
```

See also:

GetCallHistory

### 4.7.3. SetVoicemailInfo

Sets the user's voice mail info.

#### Parameters:

Table 97.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
voicemail_id	+	Integer	The voicemail ID.
listened	+	Boolean	Specify the parameter to set the listened status.

#### Return value:

Returns success value "1".

#### Errors:

Table 98.

Code	Description
100	Authorization failed.
130	The 'voicemail_id' parameter is invalid.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetVoicemailInfo&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
voicemail_id=940&  
listened=true
```

#### Response example:

```
{"result":1}
```

#### See also:

DelVoicemail, GetVoicemails, GetCallHistory

## 4.8. Black list control

### 4.8.1. AddBlackList

Adds some forbidden IP addresses to the black list.

#### Parameters:

Table 99.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
ip	+	String	The comma separated IP list to be added to the black list.

#### Return value:

Returns success value "1".

#### Errors:

Table 100.

Code	Description
100	Authorization failed.
129	Invalid IP list.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AddBlackList&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
ip=87.250.251.3%2C94.100.191.248
```

#### Response example:

```
{"result": 1}
```

#### See also:

GetBlackList, DelBlackList

## 4.8.2. DelBlackList

Deletes some IP addresses from the black list.

### Parameters:

Table 101.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
ip	-	String	The comma separated IP list to be removed from the black list. The entire black list will be clear If the parameter is missing.

### Return value:

Returns success value "1".

### Errors:

Table 102.

Code	Description
100	Authorization failed.
129	Invalid IP list.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelBlackList&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
ip=87.250.251.3
```

### Response example:

```
{"result": 1}
```

### See also:

GetBlackList, AddBlackList

### 4.8.3. GetBlackList

Gets all IP addresses from the black list.

#### Parameters:

Table 103.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.

#### Return value:

Returns array of users' forbidden IP addresses.

#### Errors:

Table 104.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetBlackList&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651
```

#### Response example:

```
{"result": ["87.250.251.3", "94.100.191.248"]}
```

#### See also:

DelBlackList, AddBlackList, GetWorkingHours

## 4.9. SIP control

### 4.9.1. AddSIPAccount

Adds a new SIP account to current/children user.

#### Parameters:

Table 105.

Name	Mandatory	Type	Description	Default value
user_name	+	String	The access parameters.	
api_key/session_id	+	String		
user_id	+	Integer	The user ID.	
sipaccount_name	-	String	The SIP account name.	sip_N
sip_proxy	+	String	The SIP proxy server.	
sip_user	+	String	The SIP user name.	
sip_password	-	String	The SIP user password.	
sip_register	-	Boolean	Is register user location.	false
sip_auth_user	-	String	The SIP login.	
sip_outbound_proxy	-	String	The outbound SIP proxy server.	
sip_prefix	-	String	The appended prefix to a SIP phone number.	

#### Return value:

Returns success value "1".

#### Additional return values:

Table 106.

Name	Mandatory	Type	Description
sipaccount_id	+	Integer	The new user's SIP account ID. The value identifies the user's SIP account in the API.

#### Errors:

Table 107.

Code	Description
100	Authorization failed.
134	Required parameter is empty.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AddSIPAccount&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
sipaccount_name=mysip&  
sip_proxy=sipnet.ru&  
sip_user=0012345678&  
sip_password=mysipnetpassword
```

#### Response example:

```
{"result":1, "sipaccount_id":1235}
```

#### See also:

GetSIPAccounts, AddCallmeNumber, DelSIPAccount, SetSIPAccount

## 4.3.2. DelSIPAccount

Deletes the user's SIP account.

### Parameters:

Table 108.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
sipaccount_id	+	Integer	The deleting SIP account ID.

### Return value:

Returns success value "1".

### Errors:

Table 109.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example 1:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=DelSIPAccount&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
sipaccount_id=1235
```

### Response example:

```
{"result":1}
```

### See also:

AddSIPAccount, GetSIPAccounts, DelCallmeNumber, SetSIPAccount

### 4.3.3. GetSIPAccounts

Returns information about users' SIP accounts.

Parameters:

Table 110.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
sipaccount_id	-	Integer	The particular SIP account ID. Specify the parameter to get the particular user's SIP account. If not specified, returns all users' SIP accounts.

Return value:

Returns array of users' SIP accounts.

Errors:

Table 111.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Table 112. Returning widget fields.

Name	Mandatory	Type	Description
sipaccount_id	+	Integer	The SIP account ID.
sipaccount_name	+	String	The SIP account name.
sip_proxy	+	String	The SIP proxy server.
sip_user	+	String	The SIP user name.
sip_register	+	Boolean	Is register user location.
sip_auth_user	-	String	The SIP login.
sip_outbound_proxy	-	String	The outbound SIP proxy server.
sip_prefix	-	String	The appended prefix to a SIP phone number.
created	+	Timestamp	The account creation time stamp. "YYYY-MM-DD hh:mm:ss"
modified	+	Timestamp	The account modification time stamp. "YYYY-MM-DD hh:mm:ss"

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetSIPAccounts&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651
```



Response example:

```
{
  "result": [
    {
      "sipaccount_id": 817,
      "created": "2011-02-01 19:11:35",
      "sip_user": "0033370000",
      "sipaccount_name": "sipnet",
      "sip_proxy": "sipnet.ru",
      "sip_register": false,
      "modified": "2011-02-01 19:11:35"
    },
    {
      "sipaccount_id": 891,
      "created": "2011-03-03 16:00:40",
      "sip_auth_user": "74956617426",
      "sip_user": "74956617426",
      "sipaccount_name": "vgm-tel",
      "sip_proxy": "82.129.24.242",
      "sip_register": false,
      "modified": "2011-03-20 22:56:00"
    }
  ]
}
```

See also:

AddSIPAccount, SetSIPAccount, DelSIPAccount

### 4.3.3. SetSIPAccount

Updates the SIP account settings.

Parameters:

Table 113.

Name	Mandatory	Type	Description
user_name	+	String	The access parameters.
api_key/session_id	+	String	
user_id	+	Integer	The user ID.
sipaccount_id	-	Integer	The SIP account ID.
sipaccount_name	-	String	The SIP account name.
sip_proxy	-	String	The SIP proxy server.
sip_user	-	String	The SIP user name.
sip_password	-	String	The SIP user password.
sip_register	-	Boolean	Is register user location.
sip_auth_user	-	String	The SIP login.
sip_outbound_proxy	-	String	The outbound SIP proxy server.
sip_prefix	-	String	The appended prefix to a SIP phone number.

Return value:

Returns success value "1".

Errors:

Table 114.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=SetSIPAccount&  
user_name=ivanov&  
api_key=0821d48c-160c-4b97-845d-22ec096554f9&  
user_id=6651&  
sipaccount_id=1235&  
sip_user=sipnetlogin&  
sip_register=true&  
sip_outbound_proxy=sipnet.ru&  
sip_auth_user=sipnetlogin
```

Response example:

```
{"result":1}
```

See also:

GetSIPAccounts, DelSIPAccount, AddSIPAccount, AddCallmeNumber

## 4.10. Without access checking

### 4.10.1. Version

Gets API version.

Parameters:

none

Return value:

Returns the API version.

Request example:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=Version
```

Response example:

```
{"result": "2.0.0.142"}
```

See also:

GetCurrentUserID

## 4.10.2. AddPartner

Adds a new partner.

### Parameters:

Table 115.

Name	Mandatory	Type	Description
partner_email	+	String	The user's e-mail.
password	+	String	The partner's password. Partner's password must be at least 6 characters long.
country	-	String	The country code (RU, EN).
first_name	-	String	The first user's name.
last_name	-	String	The last user's name.
phone	-	String	The private partner's phone number.
company_name	-	String	The partner's company name.
TIN	-	String	The Tax Identification Number.
PSRN	-	String	The Primary State Registration Number.
address	-	String	The partner's address.
account	-	String	The bank account.
bank	-	String	The bank name.
BIC	-	String	The Bank Identification Code.

### Return value:

Returns success value "1".

### Additional return values:

Table 116.

Name	Mandatory	Type	Description
partner_id	+	Integer	The new partner's account ID. The value identifies the partner's profile in the API.
partner_code	+	String (10)	The partner's code. The value is used to create a child partner user (see Ошибка: источник перекрестной ссылки не найден function).

### Errors:

Table 117.

Code	Description
112	User's password must be at least 6 characters long.
128	User's e-mail isn't unique.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AddPartner&  
partner_email=ipartner@mail.ru&  
password=my_password&  
country=RU
```

Response example:

```
{
  "result":1,
  "partner_id":123,
  "partner_code":"5834069f3a"
}
```

See also:

Ошибка: источник перекрестной ссылки не найден, AddChildUser

### 4.10.3. AttachChildUser

Attaches an existing user to a super user as child. The function failed if the existing user has a parent already. The function failed if the current or a new user tariff is not allowed for the super user.

#### Parameters:

Table 118.

Name	Mandatory	Type	Description
user_name	+	String	The user name.
password	+	String	The user's password.
super_user_name	+	String	The super user name to attach the child user (i.e. to use the user_name user as child).

#### Return value:

Returns success value "1".

#### Additional return values:

Table 119.

Name	Mandatory	Type	Description
api_key	+	String (36)	The access token to the API for the new child user.

#### Errors:

Table 120.

Code	Description
100	Authorization failed.
104	Forbidden command.

Note: all errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=AttachChildUser&  
user_name=sasha&  
password=myspassword&  
super_user_name=JoomlaCMS
```

#### Response example:

```
{  
  "result": 1,  
  "api_key": "cc82f63e-5b36-4d40-9f38-fa6ada5ea43c"  
}
```

#### See also:

AddChildUser, GetAllowedTariffs

## 4.10.4. IsCallmeNumberAvailable

Checks the callme number for availability.

### Parameters:

Table 121.

Name	Mandatory	Type	Description
callme_number	+	String	The callme PSTN number. You may use digits only without any spaces.
callme_number_type	-	String	The number type: "pstn" or "sip".
tariff_id	+	Integer	The tariff ID.

### Return value:

Returns success value "1".

### Errors:

Table 122.

Code	Description
110	Invalid tariff.
121	Invalid phone number.
124	Forbidden phone number.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=IsCallmeNumberAvailable&  
callme_number=74957893798&  
tariff_id=110
```

### Response example:

```
{"result": 1}
```

### See also:

Ошибка: источник перекрёстной ссылки не найден, AddCallmeNumber, SetCallmeNumber

## 4.10.5. IsEmailRegistered

Check for user's e-mail registration.

### Parameters:

Table 123.

Name	Mandatory	Type	Description
email	+	String	The user's e-mail.

### Return value:

Table 124.

Value	Description
1	The e-mail is already registered.
0	The e-mail isn't registered.

### Errors:

Table 125.

Code	Description
134	Required parameter is empty.
136	Invalid e-mail.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=IsEmailRegistered&email=unique%40mail.ru
```

### Response example:

```
{"result": 0}
```

### See also:

Ошибка: источник перекрестной ссылки не найден, AddChildUser



## 4.10.6. IsPartnerCodeRegistered

Check for partner's code registration.

### Parameters:

Table 126.

Name	Mandatory	Type	Description
partner_code	+	String	The partner's code.

### Return value:

Table 127.

Value	Description
1	The partner's code is registered.
0	The partner's code isn't registered.

### Errors:

Table 128.

Code	Description
134	Required parameter is empty.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=IsPartnerCodeRegistered&partner_code=0123456789
```

### Response example:

```
{"result": 0}
```

### See also:

Ошибка: источник перекрестной ссылки не найден

## 4.10.7. IsPartnerEmailRegistered

Check for partner e-mail registration.

### Parameters:

Table 129.

Name	Mandatory	Type	Description
partner_email	+	String	The partner e-mail.

### Return value:

Table 130.

Value	Description
1	The partner e-mail is already registered.
0	The partner e-mail isn't registered.

### Errors:

Table 131.

Code	Description
134	Required parameter is empty.
136	Invalid e-mail.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=IsPartnerEmailRegistered&  
partner_email=unique%40mail.ru
```

### Response example:

```
{"result": 0}
```

### See also:

AddPartner, IsPartnerCodeRegistered

## 4.10.10. IsUserRegistered

Check for e-mail registration.

### Parameters:

Table 132.

Name	Mandatory	Type	Description
user_name	+	String	The user's login.

### Return value:

Table 133.

Value	Description
1	The login is already registered.
0	The login isn't registered.

### Errors:

Table 134.

Code	Description
113	User's name must be at least 6 characters long.
114	User's name should start with a letter and can contain only latin characters, digits.
134	Required parameter is empty.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=IsUserRegistered&user_name=alex
```

### Response example:

```
{"result": 0}
```

### See also:

Ошибка: источник перекрестной ссылки не найден, AddChildUser

## 4.10.11. GetCountryTimeZones

Gets the countries time zones.

### Parameters:

Table 135.

Name	Mandatory	Type	Description
country_code	+	String	The comma separated list of the countries codes (Example: RU,UA,US).

### Return value:

Returns the time zones lists mapped to the specified countries codes (see example below).

### Errors:

Table 136.

Code	Description
100	Authorization failed.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=GetCountryTimeZones&country_code=US%2CBY
```

### Response example:

```
{
  "result": {
    "US": [
      {
        "description": "(UTC -10:00) Hawaii",
        "location": "Pacific/Honolulu"
      },
      {
        "description": "(UTC -09:00) Alaska",
        "location": "America/Anchorage"
      }
    ],
    "BY": [
      {
        "description": "(GMT+02:00) Minsk",
        "location": "Europe/Minsk"
      }
    ]
  }
}
```

### See also:

GetAllowedTariffs

## 4.10.12. GetOverallCallStatistics

Gets overall call statistics.

### Parameters:

Table 137.

Name	Mandatory	Type	Description
from_date	-	Date	Retrieve statistics from the UTC date. <b>The date format is <code>yyyy-MM-dd</code></b>
to_date	-	Date	Retrieve statistics to the UTC date. <b>The date format is <code>yyyy-MM-dd</code></b>

### Return value:

Returns an overall statistics object.

Table 138. Returning overall statistics fields.

Name	Mandatory	Type	Description
calls	+	Integer	The call count for the period.
connected_accounts	-	Integer	The connected accounts for the period.

### Errors:

Table 139.

Code	Description
100	Authorization failed.
111	Invalid date format.
123	Invalid date range.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetOverallCallStatistics&  
from_date=2012-11-01
```

### Response example:

```
{  
  "result": {  
    "calls": 1200333,  
    "connected_accounts": 1203  
  }  
}
```

### See also:

GetCallStatistics, GetCallHistory

### 4.10.13. GetPaidTariffs

Gets paid tariffs.

#### Parameters:

Table 140.

Name	Mandatory	Type	Description
country_code	-	String	The country code (see Table Country codes).
callme_number_type	-	String	The number type: "pstn".

Table 141. Country codes.

Country	Description
AU	Australia
CA	Canada
DE	Germany
ES	Spain
FR	France
GB	United Kingdom
IL	Israel
IT	Italy
JP	Japan
KR	Korea
RU	Fixed telephone communications for Russia (Moscow & St-Peterburg only).
RU2	Fixed telephone communications for Russia.
RU3	Mobile telephone communications for Russia.
TR	Turkish
UA	Ukraine
US	United States

#### Return value:

Returns array of tariffs.

#### Errors:

All errors in the Chapter 5.

#### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetPaidTariffs&  
country_code=RU3
```

#### See also:

GetTrialTariffs, Ошибка: источник перекрестной ссылки не найден

## 4.10.14. GetTrialTariffs

Gets trial tariffs.

### Parameters:

Table 142.

Name	Mandatory	Type	Description
country_code	-	String	The country code (see Table Country codes).
callme_number_type	-	String	The number type: "pstn" or "sip".

### Return value:

Returns array of tariffs.

### Errors:

All errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?  
cmd=GetTrialTariffs&  
country_code=RU3
```

### Response example:

```
{  
  "result": [  
    {  
      "minutes_included": 5,  
      "tariff_name": "RU3_Small_Mobile",  
      "num_lines": 1,  
      "region_code": "RU3",  
      "features": [  
        "working_hours",  
        "pstn_routing",  
        "google_analytics",  
        "voicemail",  
        "zingaya_analytics"  
      ],  
      "free_interval": 0,  
      "trial_days": 14,  
      "tariff_id": 266,  
      "type": "pstn",  
      "trial": true,  
      "custom": false  
    },  
    {  
      "minutes_included": 5,  
      "tariff_name": "RU3_Medium_Mobile",  
      "num_lines": 2,  
      "region_code": "RU3",  
      "features": [  
        "working_hours",  
        "pstn_routing",  
        "voicemail",  
        "call_recording",  
        "google_analytics",  
        "zingaya_analytics"  
      ],  
      "free_interval": 0,  
      "trial_days": 14,  
      "tariff_id": 264,  
      "type": "pstn",  
      "trial": true,  
      "custom": false  
    }  
  ]  
}
```

### See also:

Ошибка: источник перекрестной ссылки не найден, GetPaidTariffs

## 4.10.15. ResendActivationLetter

Re-sends an activation letter.

### Parameters:

Table 143.

Name	Mandatory	Type	Description
email	+	String	The user's email.
email_lang	-	String	The activation e-mail language (RU, US, ...).

### Return value:

Returns success value "1".

### Errors:

Table 144.

Code	Description
134	Required parameter is empty.
136	Invalid e-mail.

Note: all errors in the Chapter 5.

### Request example:

```
https://api.zingaya.com/ZingayaAPI2/?cmd=ResendActivationLetterCommand&
email=ivan%40mail.ru&
email_lang=RU
```

### Response example:

```
{"result": 1}
```

### See also:

Ошибка: источник перекрестной ссылки не найден, AddChildUser



## 5. Error codes

Table 145. All error codes.

Error code	Error message	Guilty party	Reason
1	Exception: ...	Zingaya side.	
2	Internal error.	Zingaya side.	
3	Encode XML failed.	Zingaya side.	
4	DB error.	Zingaya side.	
5	Billing failed.	Zingaya side.	
6	Can not generate the unique 'api_key'.	Zingaya side.	
7	Can not generate the unique 'callme_id'.	Zingaya side.	
8	The 'geostatistics' utility failed.	Zingaya side.	
...	...	Zingaya side.	...
99		Zingaya side.	
100	Authorization failed.	Client side.	Invalid <i>user_name</i> , <i>api_key</i> parameters or user isn't in the special group.
101	Invalid arguments.	Client side.	Important parameter is missing or some parameters are incorrect.
102	Missing 'cmd' parameter.	Client side.	The most important <i>cmd</i> parameter is missing.
103	Unknown command.	Client side.	The most important <i>cmd</i> parameter is invalid (see Table API functions).
104	Forbidden command.	Client side.	Access denied.
105	The required output format type is not supported.	Client side.	Invalid parameter's value: the output format type is not supported for the called function.
106	User's name isn't unique.	Client side.	Some user already has that user's name.
107	Invalid PSTN number.	Client side.	Invalid the callme phone number. Please use digits only (more 4 digits).
108	Exceed the max widget count per user.	Client side.	You try to exceed the widgets limit for your account.
109	Exceed the max number count per widget.	Client side.	You try to exceed the numbers limit for your account.
110	Invalid tariff	Client side.	Tariff ID is not exist or not allowed for the current user.
111	Invalid date format.	Client side.	Use the valid date format: <i>yyyy-MM-dd HH:mm:ss</i>
112	User's password must be at least 6 characters long.	Client side.	User's password must be at least 6 characters long.
113	User's name must be at least 6 characters long.	Client side.	User's name must be at least 6 characters long.
114	User's name should start with a letter and can contain only latin characters, digits.	Client side.	User's name must starts with an English letter and contains English letters and digits only.

Error code	Error message	Guilty party	Reason
115	The 'user_id' parameter is invalid.	Client side.	The value is invalid.
116	The 'widget_id' parameter is invalid.	Client side.	The value is invalid.
117	The 'callme_id' parameter is invalid.	Client side.	The value is invalid.
118	The 'callme_number_id' parameter is invalid.	Client side.	The value is invalid.
119	The 'call_history_id' parameter is invalid.	Client side.	The value is invalid.
120	Invalid hours range.	Client side.	The hours range should be formatted: <code>from_hour—to_hour</code> where <code>from_hour</code> value is less than <code>to_hour</code> and <code>to_hour, from_hour</code> should be <u>integers</u> from 0 to 24.
121	Invalid phone number.	Client side.	The phone number has invalid format.
122	The 'old_password' parameter is invalid.	Client side.	The old password isn't match with the current one.
123	Invalid date range.	Client side.	The <code>to_date</code> value is less or equal than <code>from_date</code> value.
124	Forbidden phone number.	Client side.	The phone number is forbidden for the current tariff.
125	Invalid money amount.	Client side.	The money amount must be positive.
126	Invalid charge date.	Client side.	Use the valid charge date format: <code>yyyy-MM-dd</code>
127	Charge failed.	Client side.	Check your card balance.
128	User's e-mail isn't unique.	Client side.	Some user already has that user's e-mail.
129	Invalid IP list.	Client side.	The comma separated IP list is missing or incorrect.
130	The 'voicemail_id' parameter is invalid.	Client side.	The value is invalid.
131	The user isn't activated.	Client side.	The user is not activated by email.
132	The 'partner_id' parameter is invalid.	Client side.	The value is invalid.
133	The 'sipaccount_id' parameter is invalid.	Client side.	The value is invalid.
134	Required parameter is empty.	Client side.	Some parameters are empty.
135	Session timeout.	Client side.	Unknown session or the session has expired.
136	Invalid e-mail.	Client side.	Invalid e-mail format.
137	The user isn't logged.	Client side.	Unknown session or the session has expired.
138	The 'transaction_id' parameter is invalid.	Client side.	
139	Trial is over for the phone number.	Client side.	
140	Exceed the max mobile number activation count per user.	Client side.	
141	The 'activation_code' parameter is invalid.	Client side.	
142	Activation is not required for the number.	Client side.	
143	The 'permission_code' parameter is invalid.	Client side.	
...	...	Client side.	...
999	...	Client side.	...