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RoboTalker WEB Service URLs:

- Insecure - <http://service.robotalker.com/robotalker.asmx>

Secure - <https://service.robotalker.com:444/robotalker.asmx> (uses SSL on port 444)

- **Login**

Checks user's credentials and returns session token to be used for other API calls

Parameters

request – LoginRequest structure

Parameter	Mandator y	Type	Description
UserId	Y	String	User identifier
Password	Y	String	User password

Return value

LoginResponse structure; contains session ID if the credentials are valid or returns UnknownUser error otherwise.

Parameter	Type	Description
SessionId	String	Session identifier

- **Logout**

Frees user's session.

Parameters

REQUEST – LOGOUTREQUEST STRUCTURE; CONTAINS SESSION IDENTIFIER

Parameter	Mandator y	Type	Description
SessionId	Y	String	Session identifier

Return value

LogoutResponse structure; contains operation result information.

The function may return UnknownSession error code if session ID is invalid.

- **CreateMessages**

Creates text or media messages for future needs

Parameters

request – CreateMessagesRequest structure; contains information about messages to be created.

CreateMessageRequest

Parameter	Mandatory	Type	Description
Messages	Y	Array of Message	Array of messages.

Message

Parameter	Mandatory	Type	Description
Text	Y	String	Message text.
Description	N	String	Message description.
Type	Y	MessageType	Indicates whether message is a text message or a voice call
Voice	N	VoiceType	The field is used when the Type parameter is set to Voice; it specifies whether man's or woman's voice should be used to play back the message

MessageType values: Voice, Text

VoiceType values: Man, Woman

Return value

CreateMessageResponse – contains information about newly created message.

CreateMessageResponse

Parameter	Type	Description
Messages	Array of MessageInfo	Array of message information objects.

MessageInfo

Parameter	Type	Description
FileName	String	media file name which was created on the server.
Id	Integer	The field may contain message ID if the RecordOnly flag was not set in the CreateMessagesRequest.

- **DeleteMessages**

Removes earlier created messages from the server.

Parameters

request – an instance of the DeleteMessagesRequest class.

DeleteMessagesRequest

Parameter	Mandatory	Type	Description
Ids	Y	Array of integers	Array of message identifier to delete

Return value

An instance of the DeleteMessagesResponse object:

DELETEMESSAGESRESPONSE

Parameter	Type	Description
RemovedIds	Array of integers	Array of message identifier those were successfully deleted

- **ScheduleMessages**

Creates messages and schedules messages delivering

Parameters

request – an instance of the ScheduleMessagesRequest object

ScheduleMessagesRequest

Parameter	Mandatory	Type	Description
DialerNumber	N	String	A dialer phone number
Message	N	Message	A common message for all recipients (see CreateMessages request for details)
VoiceMailMessage	N	Message	A common voice mail message for all recipients (see CreateMessages request for details)
Recipients	Y	Array of MessageRecipient<Message>	Array of message recipients.
SCHEDULETYPE	N	CAMPAIGNTYPES	CALLS DELIVERY TYPE: ONETIME (DEFAULT), DAILY, WEEKLY, MONTHLY, YEARLY
StartTime	N	DateTime	The date and time when calls start.
EndTime	N	DateTime	The date and time when calls end.
Days	N	WeekDays	Days of the week when calls are sent: None, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday.
Interval	N	Integer	Interval between call triggers. This value is number of days, weeks, months or years for

			Daily, Weekly, Monthly or Yearly ScheduleType respectively.
Priority	N	Integer	Calls priority (1 is the highest; 2 is a default value)
Confirmation	N	Boolean	Indicates whether a receipt is required.

MessageRecipient<Message>

Parameter	Mandatory	Type	Description
Name	N	String	Recipient name
DialNumber	Y	String	Phone number to send message to.
Message	N	Message	An individual message for the recipient (see CreateMessages request for details). A common campaign message is used by default.

Return value

An instance of the ScheduleMessagesResponse object.

SCHEDULEMESSAGESRESPONSE

Parameter	Type	Description
CampaignId	Decimal	Created calls campaign identifier
Message	MESSAGEINFO	A common message information objects (see CreateMessages request for details)
VmMessage	MESSAGEINFO	A common voice mail message information objects (see CreateMessages request for details)

- **ScheduleCalls**

Schedules earlier created messages (using CreateMessages call) delivery

Parameters

request – an instance of the ScheduleCallsRequest<Int32> object

ScheduleCallsRequest

Parameter	Mandatory	Type	Description
DialerNumber	N	String	A dialer phone number
Message	N	Integer	A common message identifier for all recipients
VoiceMailMessage	N	Integer	A common voice mail message identifier
Recipients	Y	Array of MessageRecipient<Int32>	Array of message recipients.
SCHEDULETYPE	N	CAMPAIGNTYPES	CALLS DELIVERY TYPE: ONETIME (DEFAULT), DAILY, WEEKLY, MONTHLY, YEARLY

StartTime	N	DateTime	The date and time when calls start.
EndTime	N	DateTime	The date and time when calls end.
Days	N	WeekDays	Days of the week when calls are sent: None, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday.
Interval	N	Integer	Interval between call triggers. This value is number of days, weeks, months or years for Daily, Weekly, Monthly or Yearly ScheduleType respectively.
Priority	N	Integer	Calls priority (1 is the highest; 2 is a default value)
Confirmation	N	Boolean	Indicates whether a receipt is required.

MessageRecipient<Int32>

Parameter	Mandatory	Type	Description
Name	N	String	Recipient name
DialNumber	Y	String	Phone number to send message to.
Message	N	Integer	An individual message identifier for the recipient. A common campaign message is used by default.

Return value

An instance of the ScheduleCallsResponse object.

ScheduleCallsResponse

Parameter	Type	Description
CampaignId	Decimal	Created calls campaign identifier

• **GETSCHEDULEDCALLS**

RETURN A LIST OF SCHEDULES CALLS FOR A SPECIFIED TIME INTERVAL

PARAMETERS

request – an instance of the GetCallsRequest object

GetCallsRequest

Parameter	Mandatory	Type	Description
StartDate	N	DateTime	Start date
EndDate	N	DateTime	End date

RETURN VALUE

An instance of the GetCallsResponse object.

GETCALLSRESPONSE

Parameter	Type	Description
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Calls	Array of Scheduled Call	Scheduled calls information.
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SCHEDULEDCALL

Parameter	TYPE	DESCRIPTION
Id	DECIMAL	CALL IDENTIFIER
DIALERNUMBER	STRING	DIALER PHONE NUMBER
DIALNUMBER	STRING	RECIPIENT PHONE NUMBER
TIME	DATE TIME	MESSAGE DELIVERY TIME

- **DELETESCHEDULEDCALLS**

REMOVES PENDING SCHEDULES CALLS FROM THE SERVER

Parameters

request – an instance of the DeleteCallsRequest object

DeleteCallsRequest

Parameter	MANDATORY	TYPE	DESCRIPTION
Ids	Y	ARRAY OF INTEGERS	ARRAY OF MESSAGE IDENTIFIER TO DELETE

RETURN VALUE

An instance of the DeleteCallsResponse object.

DELETECALLSRESPONSE

Parameter	Type	Description
RemovedIds	Array of integers	Array of message identifier those were successfully deleted

- **ScheduleVerificationMessage**

Schedules verification message, i.e. message which is used to send out a confirmation code.

Parameters

request – an instance of the ScheduleVerificationMessageRequest object.

ScheduleVerificationMessageRequest

Parameter	Mandatory	Type	Description
DialNumber	Y	String	A recipient phone number
Message	N	String	Text message template. It may contain the [code] tag that is replaced with the verification code on the server side.
Voice	N	VoiceType	Specifies voice type (possible values: Man, Woman).
Type	N	Verification	Defines how the message will be sent and

		Type	how the confirmation code should be entered: OnPhoneFromMessage, OnPhoneFromWEB, OnWEBFromMessage
DelayTime	N	Integer	Delivery delay time in minutes.
VerificationCode	N	Integer	Client verification code; it's generated by the server if the value was not set.
RedialCount	N	Byte	Number of redeals

Return value

An instance of the ScheduleVerificationMessageResponse object.

ScheduleVerificationMessageResponse

Parameter	Type	Description
ReferenceId	String	Verification message reference identifier.

- **ValidateVerificationCode**

Validates verification code.

Parameters

request – an instance of the ValidateVerificationCodeRequest object.

VALIDATEVERIFICATIONCODEREQUEST

Parameter	Mandatory	Type	Description
VerificationCode	Y	Integer	User's verification code.

RETURN VALUE

An instance of the ValidateVerificationCodeResponse object

VALIDATEVERIFICATIONCODERESPONSE

Parameter	Type	Description
Valid	Boolean	The flag indicates if the verification code is valid or not.

- **UploadFile**

Uploads Mp3- or Wav-file to the server and creates message entry in the database.

Parameters

request – an instance of the UploadFileRequest object.

UploadFileRequest

Parameter	Mandatory	Type	Description
FileType	N	String	File type being uploaded; may take one of the following values: Wav or Mp3; default is Wav.
Data	Y	Byte array	File content in binary form
Encode	N	Boolean	Indicates if the file should be compressed after

			uploading; default is FALSE.
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Return value

An instance of the UploadFileResponse object

UploadFileResponse

Parameter	Type	Description
FileName	String	A name of the newly created file on the server.
MessageId	Integer	Message identifier in the database; might be used in the ScheduleCalls requests.

- **GetCampaignStats**
Returns campaign statistical information.

Parameters

request – an instance of the GetCampaignStatsRequest object.

GetCampaignStatsRequest

Parameter	Mandatory	Type	Description
SessionId	Y	String	Session identifier returned in the Login reponse
CampaignId	Y	Integer	Campaign identifier to return statistics for.
IncludeDetails	N	Boolean	The flag specifies whether a detailed statistics should be returned.

Return value

An instance of the GetCampaignStatsResponse object

GetCampaignStatsResponse

Parameter	Type	Description
Statistics	CampaignStatistics	An instance of the CampaignStatistics object containing campaign statistical information.

CampaignStatistics

Parameter	Type	Description
Status	CampaignStatus	Campaign status field; may have one of the following values: Active (0), Paused (1), Completed (2), Resumed (3), Pending (4)
TotalContacts	Unsigned integer	Total number of contacts assigned to the campaign
Completed	Unsigned integer	Number of completed calls
Delivered	Unsigned integer	Number of calls those were successfully delivered
LineBusy	Unsigned integer	Number of calls which received 'line busy' signal
VoiceMail	Unsigned integer	Number of calls sent to voice mail
InvalidNumber	Unsigned integer	Invalid numbers count
NotAnswered	Unsigned integer	Number of non-answered calls

Details	Array of CampaignCallDetails	Array of call details
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CampaignCallDetails

Parameter	Type	Description
Id	Integer	Call identifier
AttemptsCount	Integer	Number of attempts to deliver the call
Result	Byte	Call operation result; might have one of the following values: 27 (No Dial Tone), 28 (Fast Busy), 29 (Busy), 30 (No Answer), 31 (No Ring), 32 (Connected), 33 (Intercept), 36 (Answering Machine), 47 (Fax Answer), 100 (Transfer Rejected), 101 (Transfer Timeout), 102 (Invalid Phone Number)
PhoneNumber	String	Recipient phone number
Status	CampaignCallStatus	Call status; contains one of the following values: Pending (0), InProgress (1), Completed (2), Ready (3)
StartTime	DateTime	Call first attempt start time
EndTime	DateTime	Call last attempt end time

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