



**SOAP Service:** <http://service.robotalker.com/robotalker.asmx>

**Secured SOAP:** <https://service.robotalker.com:444/RoboTalker.asmx>

- **Login**

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

Parameters

request – LoginRequest structure

Parameter	Mandatory	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	Mandatory	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
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Messages	Y	Array of Message	Array of messages.
RecordOnly	N	Boolean	The flag indicates whether message should be stored in the DB or not. The default value is False.

#### 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:

#### DELETMESSAGESRESPONSE

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
Messages	Y	Array of Message	Array of messages (see CreateMessages request for details)
Recipients	Y	Array of MessageRecipient	Array of messages recipients.
DELIVERYTYPE	N	MESSAGESDELIVERYTYPE	SPECIFIES MESSAGES-TO-RECIPIENTS RELATIONSHIP. IT INDICATES IF EACH MESSAGE SHOULD BE SENT TO ONE RECIPIENT (ONETOONE VALUE; IN THIS CASE NUMBER OF MESSAGES SHOULD BE EQUAL TO A NUMBER OF RECIPIENTS) OR ALL MESSAGES ARE SENT TO ALL RECIPIENTS (MANYTOMANY VALUE; ANY NUMBER OF MESSAGES AND ANY NUMBER OF RECIPIENTS).
Reoccurrence	N	ReoccurrenceInfo	If the field is set – reoccurred delivering will be established.
Priority	N	Integer	Message delivery priority (1 is the highest)
Confirmation	N	Boolean	Indicates whether delivery confirmation is required.

#### MessageRecipient

Parameter	Mandatory	Type	Description
Name	N	String	Recipient name
DialNumber	Y	String	Phone number to send message to.
DeliveryTime	Y	DateTime	Message scheduled delivery time.
OptionalId	N	Long integer	

## ReoccurrenceInfo

Parameter	Mandatory	Type	Description
Group	Y	Integer	
MonthWeeks	N	MonthWeeks	Weeks of the month when the message is sent; might be a combination of one or several enumeration values.
MonthDays	N	Array of byte	Days of the month when the message is sent.
Weekdays	N	Weekdays	Week days when the message is sent
EndDate	N	DateTime	Delivering end date

MessagesDeliveryType values: OneToOne, ManyToMany

MonthWeeks values: First, Second, Third, Fourth, All

Weekdays values: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, All

Return value

An instance of the ScheduleMessagesResponse object.

## SCHEDULEMESSAGESRESPONSE

Parameter	TYPE	DESCRIPTION
MESSAGES	ARRAY OF MESSAGEINFO	Array of message information objects (see CreateMessages request for details)

- **ScheduleCalls**

Schedules earlier created messages (using CreateMessages call) delivery

Parameters

Request – an instance of the ScheduleCallsRequest object

## ScheduleCallsRequest

Parameter	Mandatory	Type	Description
DialerNumber	N	String	A dialer phone number
Messages	Y	Array of Integer	Array of message identifiers.
Recipients	Y	Array of MessageRecipient	Array of messages recipients.
DELIVERYTYPE	N	MESSAGESDELIVERYTYPE	SPECIFIES MESSAGES-TO-RECIPIENTS RELATIONSHIP. IT INDICATES IF EACH MESSAGE SHOULD BE SENT TO ONE RECIPIENT (ONE-TO-ONE VALUE; IN THIS CASE NUMBER OF MESSAGES SHOULD BE EQUAL TO A NUMBER OF RECIPIENTS) OR ALL MESSAGES ARE SENT TO ALL

			RECIPIENTS (MANYTOMANY VALUE; ANY NUMBER OF MESSAGES AND ANY NUMBER OF RECIPIENTS).
Reoccurrence	N	ReoccurrenceInfo	If the field is set – reoccurred delivering will be established.
Priority	N	Integer	Message delivery priority (1 is the highest)
Confirmation	N	Boolean	Indicates whether delivery confirmation is required.

Return value

An instance of the ScheduleCallsResponse object.

ScheduleCallsResponse

Parameter	Type	Description
Calls	Array of CallInfo	Array of schedules calls information.

CALLINFO

Parameter	TYPE	DESCRIPTION
Id	LONG INTEGER	SCHEDULED CALL 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
Calls	Array of ScheduledCall	Scheduled calls information.

#### SCHEDULEDCALL

Parameter	TYPE	DESCRIPTION
ID	LONG INTEGER	CALL IDENTIFIER
DIALERNUMBER	STRING	DIALER PHONE NUMBER
DIALNUMBER	STRING	RECIPIENT PHONE NUMBER
TIME	DATETIME	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 how the

		Type	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.

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