

GENESYS

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Service Client API Reference

Interaction namespace

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Learn about the Interaction namespace methods and type definitions in the Service Client API.

Important

Depending on your environment, you might need to contact your Genesys representative to complete the configuration described on this page.

Methods

The Interaction namespace includes the following methods:

- completeConference
- completeTransfer
- consult
- deleteUserData
- getByInteractionId
- getInteractions
- selectCaseByCaseId
- setUserData
- markdone
- blockMarkdone
- singleStepConference
- singleStepTransfer
- unblockMarkdone
- accept
- reject

completeConference

Signature	completeConference(consultInteractionId, succeeded, failed)
Description	Completes a conference.

Signature	completeConference(consultInteractionId, succeeded, failed)		
	Name	Туре	Description
Parameters	consultInteracti	orstating	The unique identifier for the consultation interaction.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

complete Transfer

Signature	completeTransfer(consultInteractionId, succeeded, failed)		
Description	Completes a transfer.		
	Name	Туре	Description
	consultInteracti	orstating	The unique identifier for the consultation interaction.
Parameters	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

consult

Signature	consult(interactionId, targetQuery, userData, extensions, succeeded, failed)		
Description	Make a consultation interaction.		
Parameters	Name	Туре	Description
	interactionId	string	The unique

Signature	consult(interac extensions, suc	consult(interactionId, targetQuery, userData, extensions, succeeded, failed)		
	Name	Туре	Description	
			identifier for the interaction.	
	targetQuery	object or string	The destination target object, or a character string (for example, phone number). • If targetQuery is a character string, the Service Client API creates the operation that uses a target of type CustomConta with a destination set to this value. • If targetQuery is a JSON object, specify the following subparameters: • target (string): The target type. The possible values are: "AGENT_GREAT (STRING) of the possible values are: "AGENT_GREAT (ST	

Signature	consult(interactionId, targetQuery, userData, extensions, succeeded, failed)		
	Name	Туре	Description
			"SKILL", "INTERACTION "ROUTING_PO and "CUSTOM_CO • destination (string): The destination. The supported values are: the employeeld of an agent, the name of a Skill, the name of a Skill, the name of a RoutingPoint, and a phone number for CustomConta • [media] (string): An optional media used to make the consultation. If not specified,

Signature	consult(interactionId, targetQuery, userData, extensions, succeeded, failed)		
	Name	Туре	Description
			uses the same media as the specified interaction. For example, if the interaction has a "chat" media, and you want to make a voice consultatior you must specify "voice" here.
	userData	object	The attached user data key/ value object. Set an undefined or empty JSON object if you don't want to set any user data.
	extensions	object	The extensions key/value object. Set an undefined or empty JSON object if you don't want to set any extensions. This is not applicable for the chat media.

Signature	consult(interactionId, targetQuery, userData, extensions, succeeded, failed)		
	Name	Туре	Description
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

deleteUserData

Signature	deleteUserData(interactionId, key, succeeded, failed)		
Description	Deletes the user data attached to the interaction. The List of User Data Write Allowed setting in Agent Setup or the service-client-api.user-data.write-allowed configuration option might restrict the allowed key/value pairs.		
Parameters	Name	Туре	Description
	interactionId	string	The unique identifier for the interaction.
	key	string	The key to delete from the attached data.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

${\tt getByInteractionId}$

Signature	getByInteractionId(interactionId, succeeded, failed) → {interaction.Interaction}
Description	Gets an interaction by its unique identifier.

Signature	getByInteractionId(interactionId, succeeded, failed) → {interaction.Interaction}		
Parameters	Name	Туре	Description
	interactionId	string	The unique identifier for the interaction.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.
Returns	interaction.Interaction or null if the interaction doesn't exist.		

getInteractions

Signature	$getInteractions(succeeded, failed) \rightarrow \{Array.\}$		
Description	Gets all the interactions.		
Parameters	Name	Туре	Description
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.
Returns	Array.		

${\sf selectCaseByCaseId}$

Signature	genesys.wwe.service.interaction.selectCaseByCaseId(caseId, succeeded, failed)
Description	Select the case in the UI by case identifier. If you subscribe to the "interaction" events (genesys.wwe.service.subscribe(["interaction"], eventHandler, this);), you will receive the following event: Received interaction event: { "event": "interaction",

Signature	genesys.wwe.se succeeded, faile	rvice.interaction. d)	selectCaseByCaseId(case
	"protoco" } Received intera "event" "data": "CASE_EXPANDED" c4e6-4994-69c2- }, "userAg "protoco" } Received intera "event" "data": "CASE_SELECTED" "d4187b87-9fe1- }, "userAg	"eventType": ", "selectedCaseI 6ae7fdbc4905" dent": "WWE Serv colVersion": 2 detion event: { "eventType": , "selectedCaseI 6ae7fdbc4905" dent": "WWE Serv colVersion": 2 detion event: { : "interaction" { "eventType":	, d": "4401820b- er", , d": 666e22d"
	Name	Туре	Description
	caseId	string	The unique identifier for the case.
Parameters	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

setUserData

Signature	setUserData(interactionId, keyValues, succeeded, failed)
Description	Sets the user data on the live interaction (for voice, this means the interaction is not in the IDLE state).

Signature	setUserData(inte failed)	eractionId, keyVal	ues, succeeded,
	user data. The Li setting in Agent api.user-data.wri	rwrites any existi ist of User Data W Setup or the serv ite-allowed config e allowed key/valu	rite Allowed ice-client- uration option
	Name	Туре	Description
	interactionId	string	The unique identifier for the interaction.
Parameters	keyValues	object	The key value pairs to set on the user data.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

markdone

Signature	markdone(<i>intera</i>	ctionId, succeede	ed, failed)
Description	Mark done the se	elected interactio	n.
	Name	Туре	Description
	interactionId	string	The unique identifier for the interaction.
Parameters	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

Outbound interactions

The markdone operation can be used for outbound interactions such as pull preview, push preview, and direct push preview, but there are some details you need to know:

- Pull preview Mark done is similar to doing a 'Done and Stop' action, where the next preview record is not fetched.
- Push preview No special behaviour.
- Direct push preview Mark done is similar to doing a 'Done and Stop' action, where it triggers a notification to Outbound Contact Server to stop sending direct push preview records.

blockMarkdone

Signature	blockMarkdone(<i>i</i> , succeeded, failed	nteractionId, warr d)	ningMessage,
Description	interaction. The 'subscribed to red		t must be
	Name	Туре	Description
	interactionId	string	The unique interaction identifier of the interaction to prevent the mark done operation.
Parameters	warningMessag	e string	The warning message.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

singleStepConference

Signature		rence(interactionI sions, succeeded,	
Description	Make a single ste	ep conference.	
	Name	Туре	Description
Parameters	interactionId	string	The unique identifier for the interaction.
	targetQuery	object or string	The destination

Signature	singleStepConfere userData, extensi	ence(interactio ions, succeede	nld, targetQuery, d, failed)
	Name	Туре	Description
			target object, or a character string (for example, phone number).
			 If targetQuery is a character string, the Service Client API creates the operation that uses a target of type CustomContact with a destination set to this value. If targetQuery is a JSON object, specify the following
			sub- parameters:
			(string): The target type. The possible values
			are: "AGENT", "AGENT_GROUTING_PO and "CUSTOM_COI

Signature	singleStepConferuserData, extens	rence(interaction sions, succeeded	nld, targetQuery, d, failed)
	Name	Туре	Description
			• destination (string): The destination. The supported values are: the employeeld of an agent, the name of an AgentGroup the name of a Skill, the name of an Interaction the name of a RoutingPoin and a phone number for CustomContaction CustomCon
	userData	object	user data key/ value object. Set an undefined or empty JSON object if you don't want to set any user data.
	extensions	object	The extensions key/value object. Set an undefined or empty JSON

Signature		ence(interactionlo ions, succeeded,	
	Name	Туре	Description
			object if you don't want to set any extensions. This is not applicable for the chat media.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

singleStepTransfer

Signature	singleStepTransfe userData, extens		
Description	Make a single ste	ep transfer.	
	Name	Туре	Description
	interactionId	string	The unique identifier for the interaction.
Parameters			The destination target object, or a character string (for example, phone number).
	targetQuery	object or string	If targetQuery is a character string, the Service Client API creates the

"SKILL", "INTERACTION O
(string): The target type. The possible values are: "AGENT", "AGENT_GROUP", "SKILL", "INTERACTION_Q "ROUTING_POINT
and

Signature		fer(interactionId, t sions, succeeded,	
	Name	Туре	Description
			AgentGroup the name of a Skill, the name of an Interaction the name of a RoutingPoir and a phone number for CustomCon
	userData	object	The attached user data key/ value object. Set an undefined or empty JSON object if you don't want to set any user data.
	extensions	object	The extensions key/value object. Set an undefined or empty JSON object if you don't want to set any extensions.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

unblockMarkdone

Signature	unblockMarkdon	e(interactionId, su	ucceeded, failed)
Description	Unblock the mark done operation on the selected interaction that was previously blocked.		
	Name	Туре	Description
Powerentows	interactionId	string	The unique interaction identifier of the interaction to prevent the mark done operation.
Parameters	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

accept

Signature	accept(interactionId, succeeded, failed)		
Description	Accept an interaction when it is ringing in Agent Workspace.		
	Name	Туре	Description
Parameters	interactionId	string	The unique interaction identifier of the interaction to be accepted.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

reject

Signature	reject(interactionId, succeeded, failed)		
Description	Reject an interaction when it is ringing in Agent Workspace.		
	Name	Туре	Description
Parameters	interactionId	string	The unique interaction identifier of the interaction to be rejected.
	succeeded	function	A function called when the operation succeeds.
	failed	function	A function called when the operation fails.

Type definitions

The Interaction namespace includes the following object types:

- Interaction
- Party
- Contact

Interaction

Description	Represents the JSON structure of an interaction. Attributes specific to voice interactions are: callUuid, direction, callType, ani, dnis and recordingState.		
Туре	Object		
	Name	Туре	Description
Properties	interactionId	string	The unique identifier for the interaction. Note: This is a client-side ID that is lost

Name	Туре	Description
		on the next session or refresh.
parentInteractio	n s dring	The unique identifier for the parent interaction. Note: This is a client-side ID that is lost on the next session or refresh.
caseld	string	This identifier targets the case that this interaction is part of.
userData	object	The attached user data key/ value object that is updated with each interaction event.
		The current state of the interaction. Possible values are:
		 UNKNOWN An unknown state.
state	string	IDLE — Specifies a non-active interaction which could be closed.
		RINGING — The inbound

Name	Туре	Description
		call is ringing.
		 DIALING — The outbound call is ringing.
		 TALKING — The call is established.
		• HELD — The call is on hold.
		 PREVIEW The interaction is a call preview.
		 INVITED — The open media interaction is inviting.
		 ACCEPTED The open media interaction is accepted.
		 CREATED The open media interaction has been created.
		PULLED — The open media interaction has been pulled

Description	Represents the JS Attributes specificallUuid, directed recordingState.	c to voice intera tion, callType	actions are:
	Name	Туре	Description
			from a workbin.
			 REVOKED The open media interaction has been revoked.
			 COMPLETED The open media interaction has been completed (Mark as done).
			 ERROR — The open media interaction has an error.
			 SAVED — The open media interaction has been saved.
			 TRANSFERRING The open media interaction is being transferred.
			TRANSFER_COMPI — The open media interaction has been transferred

Description	Represents the JSON structure of an interaction. Attributes specific to voice interactions are: callUuid, direction, callType, ani, dnis and recordingState.			
	Name	Туре	Description	
			and the transfer has been completed. • INVITED_CONFEREN	NCE
			— The open media interaction receives a conference invitation.	VCL
			LEFT_CONFERENCE — The open media interaction has left the conference.	
			 USER_DATA_ATTACH Data has been attached to the interaction. 	ΗED
			USER_DATA_UPDATE — The attached data has changed in the interaction.	ED
			 JOIN_PENDING Trying to join the chat session. 	
			• JOIN_FAILED — The connection with the chat server	

Represents the JSON structure of an interaction. Attributes specific to voice interactions are: **Description** callUuid, direction, callType, ani, dnis and recordingState. Name **Type Description** failed. HISTORY_IN_PROGRESS — Loading the content of the chat interaction. HISTORY DONE — The content of the chat interaction has been loaded. CANCELLED — The outbound email is cancelled. SENT — The outbound email is sent. READY — The call preview is ready. CANCELED — The call preview is cancelled. REJECTED — The call preview is rejected. The previous previousState state of the string

parties

Array.

interaction.

A collection of

involved in

all the parties

Name	Туре	Description
		the interaction.
isConsultation	boolean	This property is true if the interaction is a consultation; otherwise, it's false.
isMainCaseInter	a lotoioi tean	This property is true if the interaction is the main interaction in the customer case; otherwise, it's false. In Workspace Web Edition, the main interaction is related to Case Information, Disposition, Note, Contact Profile, and so on.
callUuid	string	The UUID of the call. This attribute is only on voice interactions.
direction	string	The call direction. Possible values are: IN, OUT or UNKNOWN. This attribute is only on voice interactions.
callType	string	The call type. Possible values are:

Name	Туре	Description
		INTERNAL, INBOUND, OUTBOUND, CONSULT or UNKNOWN. This attribute is only on voice interactions.
ani	string	The Automatic Number Identification service. This attribute is only on voice interactions.
dnis	string	The Dialed Number Identification Service. This attribute is only on voice interactions.
recordingState	string	The call recording state. Possible values are: STOPPED, RECORDING or PAUSED. This attribute is only on voice interactions.
isCaseSelected	boolean	Is true if the case containing this interaction is selected, otherwise is false.
ronaCallState	string	This value is populated on event RELEASED when an agent receives

Description	Represents the JSON structure of an interaction. Attributes specific to voice interactions are: callUuid, direction, callType, ani, dnis and recordingState.		
	Name	Туре	Description
			an inbound call and does not answer. Possible values are: REDIRECTED or NO_ANSWER.
	isCaseExpanded	boolean	Is true if the case containing this interaction is expanded, otherwise is false.
	interactionUUID	string	The attr_itx_id for a multimedia interaction or the callUuid for a voice interaction.
	connld	string	The unique connection ID from the T-Server.
	contact	interaction.Conta	An object representing the contact's information.

Party

Description	Represents the JSON structure of a party.			
Туре	Object			
Properties	Name	Туре	Description	
	name	string	The name of the party.	

Contact

Represents the JSON structure of a contact.			
Object			
Name	Туре	Description	
displayName	string	The contact's display name.	
firstNname	string	The contact's first name.	
lastName	string	The contact's last name.	
	Name displayName firstNname	Name Type displayName string firstNname string	