

Manager API

The Keyyo Manager API is a RESTful interface allowing you to query and configure settings for most Keyyo services, such as changing the redirect settings on your VoIP account profiles, retrieving the call detail records of your collaborators or configuring their blacklist.

SDK

Even if you can invoke Manager API using REST directly, a beta version of the [Keyyo Manager PHP client](#) is available for [download](#) in order to easily query the data you require from your own PHP application.

A [complete sample](#) is also available on the GitHub project page.

Keyyo uses an [OAuth2](#) authorization system. To access our REST API, you must retrieve an access token, which you will need to pass to all your calls.

First, you will want to [register your app](#). The Authorize URL and the Access token URL which you will find there follow the standard OAuth2 pattern.

Resources

Services

Services subscribed by the customer

Endpoint	Description
GET /services	Retrieves a list of subscribed services, optionally filtered.
GET /services/:csi	Retrieves the specified service based on its CSI (Common Service Identifier).
GET /services/:csi/usage_stats	Retrieves available usage statistics for the given service. (Services with an unlimited plan don't have usage statistics.)
POST /services/:csi	Updates a service based on its CSI (Common Service Identifier)

POST /services/:csi	Creates a service based on its CSI (Common Service Identifier).
GET /services/:csi/profiles	Retrieves the profile list available for the specified service.
POST /services/:csi/profiles	Creates a service profile.
GET /services/:csi/profiles/:profile_identifier	Retrieves a service profile from its identifier. (Note that there's a default profile.)
POST /services/:csi/profiles/:profile_identifier	Updates a service profile.
DELETE /services/:csi/profiles/:profile_identifier	Deletes a service profile.
POST /services/:csi/csi_token	Generate a CSI token, which is an access token linked to a CSI with a lifetime of 1 hour. (This token allows you to use the Keyyo CTI API.)
GET /services/:csi/cti_plugins	Retrieves the list of CTI plugins available on this account.
GET /services/:csi/cti_plugins/:plugin_name	Retrieves the specified CTI plugin.
POST /services/:csi/cti_plugins/:plugin_name	Enables or disables the specified CTI plugin.
GET /services/:csi/cti_plugins/:plugin_name/parameters	Retrieves the specified CTI plugin's parameters.
GET /services/:csi/cti_plugins/:plugin_name/parameters/:parameter_name	Retrieves the specified CTI plugin parameter.
POST /services/:csi/cti_plugins/:plugin_name/parameters/:parameter_name	Updates the value of the specified CTI plugin's parameter.
GET /services/:csi/available_upgrades	Retrieves the list of available upgrades (new offers) for this service.
POST /services/:csi/upgrade	Upgrades the service to the specified target offer.
GET /services/:csi/provisioning_tasks	Retrieves a list of provisioning tasks requested on this service.
POST /services/:csi/reset_password	Reset the CSI (Common Service Identifier) password

POST /services/:csi/call_barred_groups

Reset the CSI (Common Service Identifier) password.

GET /services/:csi/call_barring_groups

Retrieve the list of call barring groups available for a specific CSI (Common Service Identifier).

GET /services/:csi/call_barred_groups

Retrieve the call barred group list of a specific CSI (Common Service Identifier).

PUT /services/:csi/call_barred_groups

Update the call barred group list of a specific CSI (Common Service Identifier).

GET /services/:csi/incoming_call_detail

Retrieves a list of incoming call detail records to this telephony service. (Parameters must be passed using a parameter-value array.)

GET /services/:csi/outgoing_call_detail

Retrieves a list of outgoing call detail records from this telephony service. (Parameters must be passed using a parameter-value array.)

GET /services/:csi/blacklist

Retrieves the blacklist of a specific service, i.e. the list of phone numbers that are not allowed to call this CSI. (If anonymous calls are included, "anonymous" will be listed in the results.)

POST /services/:csi/blacklist

Set the blacklist of a specific service, i.e. the list of phone numbers that are not allowed to call this CSI. (You can blacklist up to 20 numbers and block anonymous calls by including "anonymous" in the list.)

GET /services/:csi/sip_records

Retrieves the list of SIP recordings for the given service.

GET /services/:csi/voicemails

Retrieve the lists of voicemails of the specified service.

GET /services/:csi/voicemails/default

Retrieves the default voicemail of a service.

**GET /services/:csi/voicemails/default/
available_answering_audio_files**

Retrieves the list of available answering audio files on the specified voicemail.

**GET /services/:csi/voicemails/default/
available_recording_audio_files**

Retrieves the list of available recording audio files on the specified voicemail.

**GET /services/:csi/voicemails/default/
unread_messages**

Retrieves the list of unread messages on this voicemail. Only available when authenticated as a contact.

unread_messages

when authenticated as a contact.

GET /services/:csi/voicemails/default/unread_messages/:identifier

Retrieves an unread voicemail message based on its identifier. Only available when authenticated as a contact.

DELETE /services/:csi/voicemails/default/unread_messages/:identifier

Deletes an unread voicemail message based on its identifier. Only available when authenticated as a contact.

GET /services/:csi/voicemails/default/read_messages

Retrieves the list of read messages on this voicemail. Only available when authenticated as a contact.

GET /services/:csi/voicemails/default/read_messages/:identifier

Retrieves a read voicemail message based on its identifier. Only available when authenticated as a contact.

DELETE /services/:csi/voicemails/default/read_messages/:identifier

Deletes a read voicemail message based on its identifier. Only available when authenticated as a contact.

GET /incoming_call_detail

Retrieves a list of incoming call detail records to this account's telephony services.
(Parameters must be passed using a parameter-value array.)

GET /outgoing_call_detail

Retrieves a list of outgoing call detail records from this account's telephony services.
(Parameters must be passed using a parameter-value array.)

Directory

Directory of the customer containing all his contacts

Endpoint

Description

GET /directory_branches

Retrieves the list of branches belonging to the directory.

POST /directory_branches/:branch_id/sub_branches

Creates a branch.

DELETE /directory_branches/:branch_id

Deletes a specific branch based on its unique identifier.

GET /directory_branches/:branch_id

Retrieves a specific branch based on its unique identifier.

PUT /directory_branches/:branch_id	Updates a specific branch based on its unique identifier.
GET /directory_branches/:branch_id/contacts	Retrieves the contacts of a specific branch.
GET /directory_branches/:branch_id/contacts_diff	
POST /directory_branches/:branch_id/contacts	Creates a contact within a specific branch.
GET /directory_branches/:branch_id/sub_branches	Retrieves the list of sub branches belonging to a specific branch.
GET /directory_branches/:branch_id/sub_branches_diff	
GET /directory_contacts	Retrieves the list of contacts belonging to the directory.
GET /directory_contacts/:uid	Retrieves a specific contact based on its unique identifier.
PUT /directory_contacts/:uid	Updates a specific contact based on its unique identifier.
DELETE /directory_contacts/:uid	Deletes a specific contact based on its unique identifier.

Types

Name	Description
ACDProfile	An ACDProfile is a set of settings you can change to use your ACD service
ACDService	A call group service
AudioFile	An audio file available on a service's voicemail.
CallBarringGroup	A call barring group is used to block certain incoming or outgoing calls

CallDetailRecord	A call detail record stores data about a call coming from or received by one of this account's telephony services
CSIToken	A CSI token associated with a VoIP account
CTIPlugin	A CTI plugin allows you to enable/disable and parameter Computer-Telephony Integration functionality on your VoIP account (UCaaSVoIPAccount service type)
CTIPluginParameter	A plugin parameter, represented by a key-value pair
DataUsageStatistic	Information relative to the data plan of a service
DirectoryBranch	A branch (i.e. folder) belonging to the directory
DirectoryContact	A contact (i.e. person and his information) belonging to the directory
DSLAccess	DSL access base class
EmailAccount	An email account
FaxTransfer	A fax transfer
MinutePlanStatistic	Information relative to the minute plan of a service
MobileAccount	A mobile phone account
Number	A phone number
NumberTranslation	A number translation account
Offer	A Keyyo offer
Profile	A Keyyo service profile (Can be one of VoIPAccountProfile or ACDProfile)
ProvisioningTask	A service task which was or will be executed

ServiceUpgrade	The result of a successful service upgrade request
SIPRecord	A client SIP recording
UCaaSVoIPAccount	A centrex --more formally known as "Unified Communications as a Service"-- SIP VoIP account
VirtualFaxAccount	A virtual fax account
Voicemail	A service's voicemail.
VoicemailMessage	A read or unread message on a service's voicemail.
VoIPAccountProfile	A set of properties you can define on your account (Several profiles can be created and can be forced at will)

Scopes

Scopes are strings that enable access to specific resources. Please refer to the [OAuth Documentation](#) for additional information.

Name	Description
full_access	Full access in read/write mode to the entire Manager API
full_access_read_only	Full read-only access to the entire Manager API
voip_profiles_admin	VoIP Profiles administration (Allows you to create, edit and/or delete your VoIP accounts' profiles)
cti_admin	Computer-Telephony Integration (CTI) administration (Allows you to generate CSI tokens and manage CTI plugins on your SIP accounts)

