

Chotuve API Reference

Overview

API guide for the AuthServer
1C2020 - FIUBA - 75.52

Team 8

Github:
<https://github.com/juanmg0511/fiuba-taller-2-auth-server>

Project: <https://github.com/juanmg0511/fiuba-taller-2-documents>

Paths

GET / Home

A home page message, displaying basic information and server version.

Responses

Code	Description	Links
200	OK <i>Content</i>	No Links

GET /ping Returns a ping message from server

An endpoint to ping the server, returns a basic JSON response. Provides **ping**.

Responses

Code	Description	Links
200	OK <i>Content</i> application/json <i>Example</i> <pre>{"code":0,"message":"Ping. ","data":{}}</pre>	No Links

GET /status Returns satus information from server

Returns status information for the front-end and database of the server. Provides **server status**.

Responses

Code	Description	Links
200	OK <i>Content</i> application/json <i>Example</i> <pre> {"code":0,"message":"fiuba-taller-2-auth-server-v1.00","data":{"server_status":"online","database_status":"online"}} </pre>	No Links

GET /stats Returns usage statistics from server

Returns an overview of useful usage stats for the server, by date. Provides **usage statistics**.

Parameters

Type	Name	Description	Schema
path	datestart <i>required</i>	The starting date of the required period	string
path	enddate <i>required</i>	The ending date of the required period	string
path	sortascending <i>required</i>	OPTIONAL (false if not set) The sort order of the date array	boolean

Responses

Code	Description	Links
200	<p>Usage stats, with an array of dates</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "request_date": "2020-05-31T14:58:54.787980", "requested_days": 2, "registered_users": 8, "registered_users_login_service": 0, "registered_users_active": 5, "registered_users_closed": 3, "registered_adminusers": 1, "registered_adminusers_active": 1, "registered_adminusers_closed": 0, "active_sessions": 0, "active_recovery": 0, "daily_stats": [{ "date": "2020-05-30", "requests_number": 1, "requests_users": 0, "requests_adminusers": 0, "requests_sessions": 1, "requests_recovery": 0, "requests_per_minute": 0.0007, "endpoint_most_requests": "/sessions", "response_time_max": 0.9576, "response_time_min": 0.9576, "response_time_avg": 0.9576, "users_new": 0, "users_deleted": 0, "sessions_opened": 0, "sessions_closed": 0, "recovery_requests": 0, "requests_error_400": 0, "requests_error_401": 0, "requests_error_404": 0, "requests_error_405": 0, "requests_error_500": 0 }, { "date": "2020-05-29", "requests_number": 18, "requests_users": 2, "requests_adminusers": 0, "requests_sessions": 14, "requests_recovery": 0, "requests_per_minute": 0.0125, "endpoint_most_requests": "/sessions", "response_time_max": 0.9812, "response_time_min": 0.0036, "response_time_avg": 0.4924, "users_new": 0, "users_deleted": 0, "sessions_opened": 0, "sessions_closed": 0, "recovery_requests": 0, "requests_error_400": 0, "requests_error_401": 0, "requests_error_404": 1, "requests_error_405": 0, "requests_error_500": 0 }] }</pre>	No Links

GET /api/v1/users **Get all users**

Returns an array of all active registered users. Optionally can be made to display closed accounts as well.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string

Type	Name	Description	Schema
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	show_closed <i>required</i>	OPTIONAL (false if not set) shows closed accounts in result	boolean

Responses

Code	Description	Links
200	<p>An array of users</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>[{"id": "5eb72ba5d2824353b87e5e94", "username": "JuanManuel", "first_name": "Juan Manuel", "last_name": "Gonzalez", "contact": {"email": "juan@example.com", "phone": "+54 11 5555 5555"}, "avatar": {"url": "http://www.google.com/"}, "login_service": false, "account_closed": false, "date_created": "2020-05-09T22:16:05.458187", "date_updated": null}]</pre>	No Links
400	<p>Bad request (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code": -1, "message": "Bad request. Missing required arguments.", "data": null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code": -1, "message": "You are not authorized to access this resource.", "data": null}</pre>	No Links

POST /api/v1/users Create a user

Creates a user, provides user **registration**

 IMPORTANT: if login_service==true, a password must not be included in the request body, if login_service==false then the request body must include a password.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Responses

Code	Description	Links
201	New user created <i>Content</i>	No Links
400	Bad request: missing required arguments (-1) / bad argument format, contact (-2), bad argument format, avatar (-3) / account is closed (-4) / user already exists (-5) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	Access error (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

GET /api/v1/users/{userName} Get user

Gets information for a user, provides user **profile**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the user to retrieve	string

Responses

Code	Description	Links
200	<p>A user</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "id": "5eb72ba5d2824353b87e5e94", "username": "JuanManuel", "first_name": "Juan Manuel", "last_name": "Gonzalez", "contact": { "email": "juan@example.com", "phone": "+54 11 5555 5555" }, "avatar": { "url": "http://www.google.com/" }, "login_service": false, "account_closed": false, "date_created": "2020-05-09T22:16:05.458187", "date_updated": null }</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "code": -1, "message": "You are not authorized to access this resource.", "data": null }</pre>	No Links

Code	Description	Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Admin user 'JuanManuel' not found.","data":null}</pre>	No Links

PUT /api/v1/users/{userName} Update user

Updates information for a user, provides user **profile update**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The id of the user to update	string

Responses

Code	Description	Links
200	<p>User updated</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"id":"5eb72ba5d2824353b87e5e94","username":"JuanManuel","first_name":"Juan Manuel","last_name":"Gonzalez","contact":{"email":"juan@example.com","phone":"+54 11 5555 5555"},"avatar":{"url":"http://www.google.com/"},"login_service":false,"account_closed":false,"date_created":"2020-05-09T22:16:05.458187","date_updated":"2020-05-09T22:18:05.458187"}</pre>	No Links

Code	Description	Links
400	<p>Bad request: missing required arguments (-1) / bad argument format, contact (-2), bad argument format, avatar (-3), account closed (-4)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Bad request. Missing required arguments.", "data":null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.", "data":null}</pre>	No Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'JuanManuel' not found.", "data":null}</pre>	No Links

***DELETE* /api/v1/users/{userName} Mark user as closed account**

Marks a user account as closed, no further operations will be possible. All sessions and recovery requests will be removed, provides **close account**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string

Type	Name	Description	Schema
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the user to delete	string

Responses

Code	Description	Links
200	<p>User marked as closed account (0)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":0,"message":"User 'JuanManuel' marked as closed account.","data":null}</pre>	No Links
400	<p>Already closed account (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'Juan Manuel' account is already closed.","data":null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

Code	Description	Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'JuanManuel' not found.","data":null}</pre>	No Links

PATCH /api/v1/users/{userName} Update user password or avatar

Updates specific information for a user, provides update for: **password** **avatar**
URL

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The id of the user to update	string

Responses

Code	Description	Links
200	<p>User password or avatar updated</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":0,"message":"User 'JuanManuel' password updated.","data":null}</pre>	No Links

Code	Description	Links
400	<p>Bad request: missing required arguments (-1) / bad argument format, value (-2), closed account (-3), uses login service and wants to update password (-4)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'JuanManuel' not found.","data":null}</pre>	No Links

***GET* /api/v1/adminusers** Get all admin users

Returns an array of all active registered admin users. Optionally can be made to display closed accounts as well.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string

Type	Name	Description	Schema
header	X-Request-ID <i>optional</i>		string
path	show_closed <i>required</i>	OPTIONAL (false if not set) shows closed accounts in result	boolean

Responses

Code	Description	Links
200	<p>An array of admin users</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>[{"id":"5eb72ba5d2824353b87e5e94","username":"JuanManuel","first_name":"Juan Manuel","last_name":"Gonzalez","email":"juan@example.com","account_closed":false,"date_created":"2020-05-09T22:16:05.458187","date_updated":null}]</pre>	No Links
400	<p>Bad request, wrong arguments (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

POST /api/v1/adminusers Create an admin user

Creates a user, provides **admin registration**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Responses

Code	Description	Links
201	New admin user created <i>Content</i>	No Links
400	Bad request: missing required arguments (-1) / user already exists (-2) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	Access error (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

GET /api/v1/adminusers/{userName} Get admin user

Gets information for an admin user, provides admin user **profile**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the admin user to retrieve	string

Responses

Code	Description	Links
200	<p>An admin user</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"id":"5eb72ba5d2824353b87e5e94","username":"JuanManuel","first_name":"Juan Manuel","last_name":"Gonzalez","email":"juan@example.com","account_closed":false,"date_created":"2020-05-09T22:16:05.458187","date_updated":null}</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

Code	Description	Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Admin user 'JuanManuel' not found.","data":null}</pre>	No Links

PUT /api/v1/adminusers/{userName} Update admin user

Updates information for an admin user, provides admin user **profile update**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The id of the user to update	string

Responses

Code	Description	Links
200	<p>Admin user updated</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"id":"5eb72ba5d2824353b87e5e94","username":"JuanManuel","first_name":"Juan Manuel","last_name":"Gonzalez","email":"juan@example.com","account_closed":false,"date_created":"2020-05-09T22:16:05.458187","date_updated":"2020-05-09T22:18:05.458187"}</pre>	No Links

Code	Description	Links
400	Bad request: missing required arguments (-1) / closed account (-2) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	Access error (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	Not found error (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Admin user 'JuanManuel' not found.","data":null}</pre>	No Links

***DELETE* /api/v1/adminusers/{userName} Mark admin user as closed account**

Marks an admin user account as closed, no further operations will be possible. All sessions will be removed, provides **close account**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Type	Name	Description	Schema
path	userName <i>required</i>	The id of the user to delete	string

Responses

Code	Description	Links
200	Admin user marked as closed account (0) <i>Content</i> application/json <i>Example</i> <pre> {"code":0,"message":"Admin user 'JuanManuel' marked as closed account.","data":null} </pre>	No Links
400	Already closed account (-1) <i>Content</i> application/json <i>Example</i> <pre> {"code":-1,"message":"User 'Juan Manuel' account is already closed.","data":null} </pre>	No Links
401	Access error (-1) <i>Content</i> application/json <i>Example</i> <pre> {"code":-1,"message":"You are not authorized to access this resource.","data":null} </pre>	No Links
404	Not found error (-1) <i>Content</i> application/json <i>Example</i> <pre> {"code":-1,"message":"Admin user 'JuanManuel' not found.","data":null} </pre>	No Links

PATCH /api/v1/adminusers/{userName} Update admin user password

Updates specific information for an admin user, provides update for: **password**

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the admin user to update	string

Responses

Code	Description	Links
200	Admin user password updated (0) <i>Content</i> application/json <i>Example</i> <pre>{"code":0,"message":"Admin user 'JuanManuel' password updated.","data":null}</pre>	No Links
400	Bad request: missing required arguments (-1) / account closed (-2) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links

Code	Description	Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	<p>Not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Admin user 'JuanManuel' not found.","data":null}</pre>	No Links

GET /api/v1/sessions **Get all sessions**

Returns an array of all sessions, both active and expired.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Responses

Code	Description	Links
200	<p>An array of sessions</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>[{"id":"5eb8cdb1ec54d8c9b812c074","username":"chotuvegod","session_token":"d9f6c4b4-933b-11ea-9566-72ba225d89f0","expires":"2020-05-11T05:59:45.740404","date_created":"2020-05-11T03:59:45.740445"}]</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

POST /api/v1/sessions Create a session

Creates a new session in the system. Provides **login**.
IMPORTANT: if the user uses a login service, a login_service_token must be included in the request body, if the user does not use a login service, then the request body must include a password.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
header	X-Admin <i>optional</i>	(false if not set) specifies if the user attempting to login is an admin user or not.	boolean

Responses

Code	Description	Links
201	New session created <i>Content</i>	No Links
400	Bad request: missing required arguments (-1) / Account is closed (-2) / Wrong combination of username and token or password (-3) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.", "data":null}</pre>	No Links
401	Access error: invalid API key (-1) / wrong username or password or identity validation with external login service provider failed (-2) / Not found error (-3) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"You are not authorized to access this resource.", "data":null}</pre>	No Links

GET /api/v1/sessions/{token} Get session

Returns information for a specific session, specified by its token, provides **validate session**.
IMPORTANT: session expiry is updated (by a predefined period) after a successful session validation. Session will only expire after a full period of inactivity.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Type	Name	Description	Schema
path	token <i>required</i>	The token of the session to retrieve	string

Responses

Code	Description	Links
200	<p>A session</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "id": "5eb8cdb1ec54d8c9b812c074", "username": "chotuvegod", "session_token": "d9f6c4b4-933b-11ea-9566-72ba225d89f0", "expires": "2020-05-11T05:59:45.740404", "date_created": "2020-05-11T03:59:45.740445" }</pre>	No Links
401	<p>Access error (-1) / Expired session (-2) / No session found with supplied token (-3)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "code": -1, "message": "You are not authorized to access this resource.", "data": null }</pre>	No Links

DELETE /api/v1/sessions/{token} **Delete session**

Deletes the specified session, user will have to login again. Provides **logout**.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Type	Name	Description	Schema
path	token <i>required</i>	The token of the session to delete	string

Responses

Code	Description	Links
200	Session deleted (0) / Session not found (0) <i>Content</i> application/json <i>Example</i> <pre> {"code":0,"message":"Session with token 'd9f6c4b4-933b-11ea-9566-72ba225d89f0' deleted.","data":null} </pre>	No Links
401	Access error (-1) <i>Content</i> application/json <i>Example</i> <pre> {"code":-1,"message":"You are not authorized to access this resource.","data":null} </pre>	No Links

GET /api/v1/recovery Get all recovery requests

Returns an array of all recovery requests, both active and expired.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Responses

Code	Description	Links
200	<p>An array of recovery requests</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>[{"id":"5eb8cdb1ec54d8c9b812c074","username":"chotuvegod","recovery_key":"d9f6c4b4-933b-11ea-9566-72ba225d89f0","expires":"2020-05-11T05:59:45.740404","date_created":"2020-05-11T03:59:45.740445"}]</pre>	No Links
401	<p>Access error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links

POST /api/v1/recovery Create a recovery request

Initiates the password recovery flow. Sends an email to the user with instructions on how to recover access. Provides **password recovery**.
IMPORTANT: generating a new request will invalidate the previous one.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string

Responses

Code	Description	Links
201	New recovery request created (sends email to user) <i>Content</i>	No Links
400	Bad request: missing required arguments (-1) / account closed (-2) / user uses a login service (-3) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	Access error: invalid API key (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	Not found error (-1) <i>Content</i> application/json <i>Example</i> <pre>{"code":-1,"message":"User 'JuanManuel' not found.","data":null}</pre>	No Links

***GET* /api/v1/recovery/{userName} View recovery request for user**

Gets the recovery request details for the specified user.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the user to recover password	string

Responses

Code	Description	Links
200	<p>A recovery request</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "id": "5eb8cdb1ec54d8c9b812c074", "username": "chotuvegod", "recovery_key": "d9f6c4b4-933b-11ea-9566-72ba225d89f0", "expires": "2020-05-11T05:59:45.740404", "date_created": "2020-05-11T03:59:45.740445" }</pre>	No Links
400	<p>Account is closed (-1) / User uses login service (-2)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "code": -1, "message": "You are not authorized to access this resource.", "data": null }</pre>	No Links

Code	Description	Links
401	<p>Access error (-1) / Recovery key expired (-2) / Recovery request not found (-3)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	<p>User not found error (-1) /</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'JuanManuel' not found.","data":null}</pre>	No Links

POST /api/v1/recovery/{userName} Reset a password

Completes the password recovery flow for the specified userd. If a valid recovery key is provided, resets the user's password. Provides **password recovery**.
IMPORTANT: succesfully resetting a password will invalidate the invoking recovery request.

Parameters

Type	Name	Description	Schema
header	X-Client-ID <i>required</i>	API key for the client server	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	userName <i>required</i>	The username of the user to recover password	string

Responses

Code	Description	Links
200	<p>User password reseted</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":0,"message":"Password for user 'JuanManuel' was reset.","data":null}</pre>	No Links
400	<p>Bad request: missing required arguments (-1) / account is closed (-2) / user uses login service (-3)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"Bad request. Missing required arguments.","data":null}</pre>	No Links
401	<p>Access error: invalid API key (-1) / expired recovery key (-2) / Recovery request not found (-3) / Wrong recovery key (-4)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"You are not authorized to access this resource.","data":null}</pre>	No Links
404	<p>User not found error (-1)</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{"code":-1,"message":"User 'JuanManuel' not found.","data":null}</pre>	No Links

GET /api/v1/requestlog Get request log entries

Returns a list of requests/events for the server, by date. Logged requests/events are:
requests
e-mails sent
scheduled tasks

Parameters

Type	Name	Description	Schema
path	filter <i>required</i>	OPTIONAL Filter by a certain field	ReqlogFilter
path	datestart <i>required</i>	The starting date of the required period	string
header	X-Client-ID <i>required</i>	API key for the client server	string
path	enddate <i>required</i>	The ending date of the required period	string
header	X-Request-ID <i>optional</i>	a unique identifier for this request	string
path	sortascending <i>required</i>	OPTIONAL (false if not set) Sort order of the results array, by date	boolean

Responses

Code	Description	Links
200	<p>An array of request log entries</p> <p><i>Content</i></p> <p>application/json</p> <p><i>Example</i></p> <pre>{ "request_date": "2020-05-31T17:13:39.227725", "requested_days": "1", "records_retrieved": "1", "request_log": [{ "_id": "5ed29c83dad788fb92620ceb", "log_type": "request", "request_date": "2020-05-30T17:48:51.884252", "request_id": "15f00a7b-eea8-454a-aa3a-4529c19de7c6", "remote_ip": "54.146.137.47", "host": "fiuba-taller-2-auth-server-st.herokuapp.com", "api_version": "v1", "method": "POST", "path": "/api/v1/sessions", "status": "201 CREATED", "duration": "0.957623", "headers": { "Host": "fiuba-taller-2-auth-server-st.herokuapp.com", "Connection": "close", "User-Agent": "python-requests/2.23.0", "Accept-Encoding": "gzip, deflate", "Accept": "*/*", "X-Client-Id": "407f7dbf-57d5-4aea-bfbd-d317ae872428", "X-Request-Id": "15f00a7b-eea8-454a-aa3a-4529c19de7c6", "Content-Type": "application/json", "X-Forwarded-For": "54.146.137.47", "X-Forwarded-Proto": "https", "X-Forwarded-Port": "443", "Via": "1.1 vegur", "Connect-Time": "1", "X-Request-Start": "1590860930911", "Total-Route-Time": "3", "Content-Length": "61" }, "args": {}, "data": { "username": "chotuvegod", "password": "*" }, "response": { "username": "chotuvegod", "session_token": "d2d21352-a29d-11ea-bbb9-7ad6a5a7e34f", "expires": "2020-05-30T19:48:51.877048", "date_created": "2020-05-30T17:48:51.877096", "id": "5ed29c83dad788fb92620cea" } }] }</pre>	No Links

Components

Schemas

AuthUser

Properties

Name	Description	Schema
username <i>required</i>		string
password <i>optional</i>		string (password)
login_service_token <i>optional</i>		string

PatchUser

Properties

Name	Description	Schema
op <i>required</i>		string
path <i>required</i>		string
value <i>required</i>		string

AdminUser

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer (int64)
username <i>required</i>		string
password <i>required</i>	<i>write only</i>	string
first_name <i>required</i>		string
last_name <i>required</i>		string
email <i>required</i>		string (email)
account_closed <i>optional</i>	<i>read only</i>	boolean

Name	Description	Schema
date_created <i>optional</i>	<i>read only</i>	string (date-time)
date_updated <i>optional</i>	<i>read only</i>	string (date-time)

AdminUserPut

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer (int64)
first_name <i>required</i>		string
last_name <i>required</i>		string
email <i>required</i>		string (email)
account_closed <i>optional</i>	<i>read only</i>	boolean
date_created <i>optional</i>	<i>read only</i>	string (date-time)
date_updated <i>optional</i>	<i>read only</i>	string (date-time)

User

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer (int64)
username <i>required</i>		string
password <i>optional</i>	<i>write only</i>	string

Name	Description	Schema
first_name <i>required</i>		string
last_name <i>required</i>		string
contact <i>required</i>		ContactInfo
avatar <i>optional</i>		Picture
login_service <i>optional</i>		boolean
account_closed <i>optional</i>	<i>read only</i>	boolean
date_created <i>optional</i>	<i>read only</i>	string (date-time)
date_updated <i>optional</i>	<i>read only</i>	string (date-time)

UserPut

Properties

Name	Description	Schema
id <i>optional</i>	<i>read only</i>	integer (int64)
first_name <i>required</i>		string
last_name <i>required</i>		string
contact <i>required</i>		ContactInfo
avatar <i>optional</i>		Picture
login_service <i>optional</i>	<i>read only</i>	boolean

Name	Description	Schema
account_closed <i>optional</i>	<i>read only</i>	boolean
date_created <i>optional</i>	<i>read only</i>	string (date-time)
date_updated <i>optional</i>	<i>read only</i>	string (date-time)

AdminUsers

Users

Picture

Properties

Name	Description	Schema
url <i>optional</i>		string

ContactInfo

Properties

Name	Description	Schema
email <i>optional</i>		string (email)
phone <i>optional</i>		string

Status

Properties

Name	Description	Schema
code <i>required</i>		integer (int32)
message <i>required</i>	<i>read only</i>	string

Name	Description		Schema	
data <i>optional</i>	<i>Properties</i>		object	
	Name	Description		Schema
	server_status <i>required</i>	<i>read only</i>		string
	database_status <i>required</i>	<i>read only</i>		string

Stats

Properties

Name	Description	Schema
request_date optional	read only	string
requested_days optional	read only	string
registered_users optional	read only	string
registered_users_login_service optional	read only	string
registered_users_active optional	read only	string
registered_users_closed optional	read only	string
registered_adminusers optional	read only	string

Name	Description	Schema
registered_ad minusers_active <i>optional</i>	<i>read only</i>	string
registered_ad minusers_closed <i>optional</i>	<i>read only</i>	string
active_sessions <i>optional</i>	<i>read only</i>	string
active_recovery <i>optional</i>	<i>read only</i>	string
daily_stats <i>optional</i>	<i>read only</i>	< DailyStats > array

DailyStats

Properties

Name	Description	Schema
date <i>optional</i>	<i>read only</i>	string
requests_number <i>optional</i>	<i>read only</i>	string
requests_adminusers <i>optional</i>	<i>read only</i>	string
requests_sessions <i>optional</i>	<i>read only</i>	string
requests_recovery <i>optional</i>	<i>read only</i>	string
requests_per_minute <i>optional</i>	<i>read only</i>	string
endpoint_most_requests <i>optional</i>	<i>read only</i>	string

Name	Description	Schema
response_time_max <i>optional</i>	<i>read only</i>	string
response_time_min <i>optional</i>	<i>read only</i>	string
response_time_avg <i>optional</i>	<i>read only</i>	string
users_new <i>optional</i>	<i>read only</i>	string
users_deleted <i>optional</i>	<i>read only</i>	string
sessions_opened <i>optional</i>	<i>read only</i>	string
sessions_closed <i>optional</i>	<i>read only</i>	string
recovery_requests <i>optional</i>	<i>read only</i>	string
requests_error_400 <i>optional</i>	<i>read only</i>	string
requests_error_401 <i>optional</i>	<i>read only</i>	string
requests_error_404 <i>optional</i>	<i>read only</i>	string
requests_error_405 <i>optional</i>	<i>read only</i>	string
requests_error_500 <i>optional</i>	<i>read only</i>	string

Recoveries

Recovery

Properties

Name	Description	Schema
username <i>required</i>		string
recovery_key <i>optional</i>		string
expires <i>optional</i>	<i>read only</i>	string (date-time)
date_created <i>optional</i>	<i>read only</i>	string (date-time)

RecoveryUser

Properties

Name	Description	Schema
username <i>required</i>		string

RecoveryPassword

Properties

Name	Description	Schema
recovery_key <i>required</i>		string
new_password <i>required</i>		string

Sessions

Session

Properties

Name	Description	Schema
username <i>required</i>		string

Name	Description	Schema
session_token <i>required</i>		string
expires <i>required</i>	<i>read only</i>	string (date-time)
date_created <i>optional</i>	<i>read only</i>	string (date-time)

ReqlogFilter

Properties

Name	Description	Schema
comparator <i>optional</i>		string
field <i>optional</i>		string
value <i>optional</i>		object

ReqLogMail

Properties

Name	Description	Schema
log_type <i>optional</i>	<i>read only</i>	string
request_date <i>optional</i>	<i>read only</i>	string
request_id <i>optional</i>	<i>read only</i>	string
api_version <i>optional</i>	<i>read only</i>	string
username <i>optional</i>	<i>read only</i>	string
email <i>optional</i>	<i>read only</i>	string

Name	Description	Schema
recovery_key <i>optional</i>	<i>read only</i>	string
mail_status <i>optional</i>	<i>read only</i>	string
exception_mes sage <i>optional</i>	<i>read only</i>	string

ReqLogRecoveryTask

Properties

Name	Description	Schema
log_type <i>optional</i>	<i>read only</i>	string
request_date <i>optional</i>	<i>read only</i>	string
task_type <i>optional</i>	<i>read only</i>	string
api_version <i>optional</i>	<i>read only</i>	string
pruned_reques ts <i>optional</i>	<i>read only</i>	string

ReqLogSessionsTask

Properties

Name	Description	Schema
log_type <i>optional</i>	<i>read only</i>	string
request_date <i>optional</i>	<i>read only</i>	string
task_type <i>optional</i>	<i>read only</i>	string

Name	Description	Schema
api_version <i>optional</i>	<i>read only</i>	string
pruned_sessions <i>optional</i>	<i>read only</i>	string

ReqLogResponse

Properties

Name	Description	Schema
request_date <i>optional</i>	<i>read only</i>	string
requested_days <i>optional</i>	<i>read only</i>	object
records_retrieved <i>optional</i>	<i>read only</i>	object
request_log <i>optional</i>	<i>read only</i>	< ReqLogEntry > array

ReqLogEntry

Properties

Name	Description	Schema
log_type <i>optional</i>	<i>read only</i>	string
request_date <i>optional</i>	<i>read only</i>	string
request_id <i>optional</i>	<i>read only</i>	string
remote_ip <i>optional</i>	<i>read only</i>	string
host <i>optional</i>	<i>read only</i>	string

Name	Description	Schema
api_version <i>optional</i>	<i>read only</i>	string
method <i>optional</i>	<i>read only</i>	string
path <i>optional</i>	<i>read only</i>	string
status <i>optional</i>	<i>read only</i>	string
duration <i>optional</i>	<i>read only</i>	string
headers <i>optional</i>	<i>read only</i>	string
args <i>optional</i>	<i>read only</i>	string
data <i>optional</i>	<i>read only</i>	string
response <i>optional</i>	<i>read only</i>	string

OK

Properties

Name	Description	Schema
code <i>required</i>	<i>read only</i>	integer (int32)
message <i>required</i>	<i>read only</i>	string
data <i>optional</i>	<i>read only</i>	object

Error

Properties

Name	Description	Schema
code <i>required</i>	<i>read only</i>	integer (int32)

Name	Description	Schema
message <i>required</i>	<i>read only</i>	string
data <i>optional</i>	<i>read only</i>	object