

API documentation

- [Version revisions](#)
- [Information Confidentiality](#)
- [Audience and Background](#)
- [Required Knowledge and Skills](#)
- [Support](#)
- [Quick Start Notes](#)
- [Introduction](#)
 - [REST](#)
 - [Framework](#)
 - [Resources](#)
 - [Methods](#)
 - [URL Structure](#)
 - [Request Format](#)
 - [Line](#)
 - [Header](#)
 - [Body](#)
 - [Request Message Body](#)
 - [Response Notification & Error Codes](#)
 - [Relationship URL's](#)
- [API Supported Entities](#)
- [Notifications](#)
 - [Settings](#)
 - [Usage](#)
 - [Vacancies & templates](#)
 - [Candidate invitations](#)
 - [Redirect URL](#)
 - [Video interview](#)
 - [Email](#)
- [Vacancies](#)
- [Invitations](#)
- [Interviews](#)
- [APPENDIX A - Default ATS integration](#)
 - [Typical integration work flow](#)
 - [Resources used](#)
- [APPENDIX B - Resources](#)
 - [Vacancies](#)
 - [GET /api/vacancies](#)
 - [POST /api/vacancies](#)
 - [GET /api/vacancies/:id](#)
 - [DELETE /api/vacancies/:id](#)
 - [Invitations](#)
 - [GET /api/invitations](#)
 - [POST /api/invitations](#)
 - [GET /api/invitations/:id](#)
 - [DELETE /api/invitations/:id](#)
 - [GET /api/invitations/:invitation_id/guests](#)
 - [POST /api/invitations/:invitation_id/guests](#)
 - [GET /api/invitations/:invitation_id/guests/:id](#)
 - [DELETE /api/invitations/:invitation_id/guests/:id](#)
 - [Interviews](#)
 - [GET /api/interviews](#)
 - [GET /api/interviews/:id](#)
 - [GET /api/interviews/:interview_id/reviewers](#)
 - [POST /api/interviews/:interview_id/reviewers](#)
 - [GET /api/interviews/:interview_id/reviewers/:id](#)
 - [DELETE /api/interviews/:interview_id/reviewers/:id](#)
 - [GET /api/interviews/:interview_id/reviews](#)
 - [POST /api/interviews/:interview_id/reviews](#)
 - [GET /api/interviews/:interview_id/reviews/:id](#)
 - [DELETE /api/interviews/:interview_id/reviews/:id](#)
 - [GET /api/interviews/:interview_id/forward_url](#)

Version revisions

Version	Publication date	Change	Author
---------	------------------	--------	--------

Version 1.0	August 2, 2013	Initial version	Bas Dirkse
Version 1.1	October 7, 2013	Notifications added	Bas Dirkse
Version 1.2	May 10, 2014	Updated with template params and new format	Bas Dirkse
Version 1.3	September 5, 2014	Forward url added	Bas Dirkse
Version 1.4	Januari 23, 2015	Minor additions	Bas Dirkse

Information Confidentiality

The Cammio REST API and its associated documents, including this guide, are provided for Cammio partners solely. This document should not be viewed, reviewed, replicated, referred to, or reproduced by individuals not a current Cammio partner.

It shall be agreed by the recipient of the document (hereafter referred to as “the other party”) that confidential information disclosed by Cammio through its documents shall be retained in confidence by the other party, and its respective employees, affiliates and/or subsidiaries, pursuant to the following terms and conditions:

1. Any information, know-how, data, process, technique, design, drawing, program, formula or test data, work in process, business plan, sales, suppliers, customer, employee, investor or business in- formation contained in a document, whether in written, graphic, or electronic form; or
2. Any document, diagram, or drawing which is either conspicuously marked as “Confidential”, known or reasonably known by the other party to be confidential, or is of a proprietary nature, and is learned or disclosed in the course of discussions, demonstrations, or other collaboration undertaken between the parties.

Audience and Background

This guide is intended for developers who plan to utilize Cammio for integration with third-party products and services.

The Cammio REST API provides programmatic access to the Cammio Video Interview application. Developers are able to build custom applications and services in their platform of choice that supports the open standard REST “Web Services” methodology.

Required Knowledge and Skills

Use of this guide assumes you are already familiar with the following:

- Cammio Video Interview application
- JSON and XML
- Web Services

A REST client can be written in a wide range of development tools and platforms. As such, Cammio does not provide platform code support or sample code to developers. The API is inherent to the application, not a supported module, and Cammio assumes that developers are experts in their platform of choice with utilizing web services.

Support

Contact Cammio Customer Support for any technical issues as they pertain to the API or feedback regarding this documentation. You may contact Customer Support at support.cammio.me. You may also call +31 85 401 3118 or send an email to <mailto:support@cammio.com>

Quick Start Notes

Note	Description
Authentication	Cammio REST API requires submission of username and access token as part of every call within the header.
HTTP/SSL	We require that all requests are done over SSL.
Versioning	Cammio current version of the API is 1.2

UTF-8 Encoding	Every string passed to and from the Cammio API needs to be UTF- 8 encoded
Date Format	All dates in the API are strings in the following format: "YYYY-MM-DD"
JSON vs XML	All URL request are expected JSON format an responses will follow suit. When adding the ".xml" postfix to the requested URL, the format expected on the request will be XML and response will default XML.
URL Structure	.../object/<resource>?<parameter>&<parameter> for JSON, where parameters will be provided throughout this document. For XML, append .xml to the url request: .../object/<resource>.xml&<parameter>&<parameter>.

Introduction

REST

Cammio Video Interviews includes programmatic information access through a Representational State Transfer (REST) API. The REST API allows existing Cammio system users to login to the API through built development. Once logged in, users will have access and controls similar to the front-end web interface (GUI).

Here are a view benefits of REST vs SOAP:

- Generally faster integration build-times for development staff
- Better structure, data and uniformity in requests and responses
- Better scalability with statelessness
- Two language points (JSON and XML)
- No requirement to manage WSDL versions

Framework

The REST API provided is in a passive manner. Passive meaning the API sits at rest which you can query as often or as little as required through your developer tools. Your built integration would login to Cammio programmatically, query for the prevalent data it is looking for (i.e. find new interviews over past 24 hours), extract the data in JSON/XML format, reformat to what's required for your 3rd party system, and then send it through to that system.

This documentation provides you getting started instructions, along with JSON and XML examples of API requests and responses. Cammio does not provide sample developer code or support outside of raw Cammio JSON/XML, nor does Cammio validate API interactions with 3rd party systems if you have chosen to build integrations on your own.

Resources

The Cammio REST API focuses on resources of Cammio. A resource is any layer of information in context. This can include object records like a candidate record, a vacancy, an interview, etc.

Methods

Cammio uses the standard GET, PUT, POST and DELETE methods for the REST API. Each method defines the type of request to a resource; where that resource can be object record(s) or specialty functions supported within the application (i.e. insert/update data, parse data). The following lists the HTTP methods Cammio supports:

Method	Description
GET	Retrieval of a resource
PUT	Update of resource through provided representation
POST	Creation of a resource through provided representation
DELETE	Removal of an object record, where supported in the application

The default method is GET but an API user has a choice of any of the four methods to access and control resources that is supported by

Cammio.

URL Structure

Understanding the Cammio REST API URL structure is essential to integration success. The REST API is made up of a host URL and can have resource parameters defined in at least two ways:

- As part of the URL-path (i.e. `/resource/parametervalue`)
- As a query argument (i.e. `/resource?parameter=value`)

Request Format

The Cammio REST API uses HTTP as the request protocol for engaging with Cammio. The request message format would include:

Line

- Method (e.g. GET)
- URL (e.g. `../api/vacancies{.xml}`)

Header

- Content-type of the representation, or format of the data depending on the request (e.g. Content-Type application/json or application/xml)
- Authentication e.g. Authentication=Basic 2WFEF234SDS24==

Body

- JSON or XML formatted data, depending on the request method

Request Message Body

The POST or PUT methods in the Cammio REST API allow a user to submit a representation to the provided URL. This would require inclusion of a message body. The message body would be used for creating (POSTing) or updating (PUTing) of an object record dependent on the method submitted.

The data provided in the message body would need to meet the minimum requirements of that specific resource for successful submission. For example, when creating a new vacancy record Cammio requires a title and start and end date attribute for successful record creation. If that minimum requirement has not been submitted in the message body of a POST request, an appropriate error notification would be in response to notify user of issue.

Response Notification & Error Codes

If a request to the Cammio REST API is successful, it returns the requested data in structured JSON or XML with a HTTP status code response (200 or 201).

If a request fails, no data is returned, and the service returns an HTTP status code. If the failure occurred with Cammio, the status code is returned with a diagnostic message to assist in fixing the issue.

Code	Message	Details
500	Internal server error	Internal server error
400	Bad request	
401	Service not available	
403	Forbidden request	User does not have access to the API. Please check your authentication header
404	Requested resource not found	The requested resource does not exist within the API configuration
412	Precondition failed	Validation failure on request

Relationship URL's

Some resources provide specialized URLs for related entities. This quick action function allows the API user to request an additional task or item to that resource that has an inherent relationship.

For example, an interview is related to a vacancy. The Cammio API provides the core response data as part of the GET request but also includes direct relational URL's.

The standard URL format for GET is:

HOST_URL/api/OBJECT_ENTITY_NAME

However, when specific for a relationship to another entity, the format becomes:

HOST_URL/api/OBJECT_ENTITY_NAME/OBJECT_ENTITY_ID/RELATED_ENTITY_NAME

The result of that direct URL is the specific results associated with the primary object GET request.

API Supported Entities

Cammio consists of three main entities; vacancies, invitations and interviews. A vacancy can be either 'automated' or 'live' and has a 'public' or 'private' scope. For vacancies with private scope, candidates are invited by a recruiter. Everyone with access to the url of a public vacancy can apply without invitation.

For the convenience of the developer, we pre-fetch sub-details of an entity. Requesting vacancy details results also fetches the list of invitations and completed interview.

To base a vacancy on another (template) vacancy, use the field 'template_id'. The new vacancy will contain all texts, video's and questions.

Notifications

Notifications are an important part of the Cammio REST API. With notifications, ATS partners can be informed in real-time when candidates complete video interviews.

Cammio supports a wide variety as call back methods for integrated partners. This means that Cammio supports both REST and SOAP/WSDL interfaces as call back methods. The parameters used for the call back can be defined by the ATS partner.

Notifications can only be used when invitations to candidates have been made with the Cammio API. As part of a candidate invitations, the ATS partner provides the call back parameters in the invitation message sent to Cammio. Our system stores these variables with the invitation for the job interview. The variables are looked up when a candidate completes a video interview.

Settings

This paragraph describes the default settings for ATS partners to use the Notification systems.

- **Host:** this is the host of the ATS partner, i.e. '<http://api.atspartner.com>'
- **Endpoint:** the endpoint to which Cammio connects to send the post back notification
- **Method:** GET, POST or PUT. Describes the method type to be used for the call back
- **QueryParams:** this property indicates whether parameters are put on the query string, or as (part of) a message body
- **BodyMsg:** This property holds a template for the message to be sent to the ATS partner. This property is used only when the method is either POST or PUT.
- **ContentType:** i.e. application/xml or application/json.
- **UserName & Password:** the user credentials which Cammio will use when calling the ATS partner's web service.
- **SSL:** option for using secure connections.
- **Disable email:** this is set when an ATS partner handles all outgoing email.

Usage

The usage of the Notifications is straightforward. Before Notifications can be used, all properties have to be set in the customer configuration in Cammio. It is not necessary to use the notification system. ATS partners can also 'poll' the Cammio API to look for new values.

The web services of an integrated ATS partner are called upon completion of a video interview, only when callback parameters have been supplied when inviting a candidate. There exists a special callback property, CAMMIO_URL, which is used to return the url to a specific candidate url.

Vacancies & templates

Candidates apply to 'vacancies' in Cammio. A vacancy can be of type 'automated' or 'live'. Automated interviews are most used when integrating with ATS partners, since this allows for the completion of a video interview without input of a recruiter/interviewer. Automated interviews consist of a set of questions. To allow easy and quick creation of new vacancies from an ATS system, Cammio provides templates. The list of available templates can be acquired with the API method `..api/vacancies?templates=true`. It is recommended to store the id and title of template vacancies in the ATS to provide a pick list for end users when creating vacancies based on templates.

Candidate invitations

Once a vacancy is created, candidates are invited for the video interview. When inviting a candidate, call back parameters can be added to the invitation message to Cammio. See example below:

```
{
  "invitation" : {
    "vacancy_id" : 3324,
    "datetime_scheduled" : "2013-08-29T00:00:00+02:00",
    "candidate_email" : "abc@cammio.com",
    "candidate_firstname" : "Bob",
    "candidate_lastname" : "de Bouwer",
    "candidate_gender" : "male",
    "candidate_phone" : 123,
    "callback_params" : {
      "employee_id" : "12345",
      "my_other_param" : "my_param_value",
    }
    "redirect_url" : "http://url.topage.nl"
  }
}
```

When callback parameters are omitted, no notifications will be sent to the ATS partner. Cammio allows multiple invitations to the same candidate.

Redirect URL

There is a special callback parameter named `redirect_url`. When this parameter is set, the candidate will be redirected to the location given with this parameter.

Video interview

Candidates receive email invitations to do a video interview. The email contains a 'hashed' url so the candidate does not have to have a user name and password. When callback parameters are provided, the connected ATS partner will receive a notification on the configured web service using the parameters supplied by the invitation including a url to the completed video interview. After a video interview has been completed, an ATS partner can get a 'forward_url'. This is a link to the video interview is valid only 3 times and must be consumed within 3 days after which the link expires. By using this feature, videos can be reviewed without the need to have a user account in the Cammio back-end.

Email

By default, Cammio provides email functionality to notify candidates, recruiters, interviewers and reviewers of events in Cammio. This can be overridden in the Customer properties, so that the ATS partner handles email traffic.

Vacancies

This resource is the core of Cammio. The table below describes all methods for this resource:

Method	Resource path	Description
GET	/api/vacancies	List of vacancies
POST	api/vacancies	Create a new vacancy

GET	api/vacancies/:id	Get a vacancy by id
DELETE	api/vacancies/:id	Delete a vacancy by id
GET	/api/vacancies/:vacancy_id/invitations	List of invitations for the vacancy
POST	/api/vacancies/:vacancy_id/invitations	Create an invitation for the vacancy
GET	/api/vacancies/:vacancy_id/invitations/:id	Get invitation details by id
DELETE	/api/vacancies/:vacancy_id/invitations/:id	Delete an invitation by id
GET	/api/vacancies/:vacancy_id/invitations/:id/guests	List of guests for the invitation
POST	/api/vacancies/:vacancy_id/invitations/:id/guests	Create a guest invitation
GET	/api/vacancies/:vacancy_id/invitations/:id/guests/:id	Get guest details by id
DELETE	/api/vacancies/:vacancy_id/invitations/:id/guests/:id	Delete a guest for the invitation
GET	/api/vacancies/:vacancy_id/interviews	List of interviews by vacancy
GET	/api/vacancies/:vacancy_id/interviews/:id	Get interview details by id
GET	/api/vacancies/:vacancy_id/interviews/:interview_id/reviews	Array of reviews by interview
POST	/api/vacancies/:vacancy_id/interviews/:interview_id/reviews	Create a review for the interview
GET	/api/vacancies/:vacancy_id/interviews/:interview_id/reviews/:id	Get review details for the interview
DELETE	/api/vacancies/:vacancy_id/interviews/:interview_id/reviews/:id	Delete a review by id
GET	/api/vacancies/:vacancy_id/interviews/:interview_id/reviewers	Array of invited reviewers for the interview
POST	/api/vacancies/:vacancy_id/interviews/:interview_id/reviewers	Create a reviewer invitation for the interview
GET	/api/vacancies/:vacancy_id/interviews/:interview_id/reviewers/:id	Get reviewer invitation details by id
DELETE	/api/vacancies/:vacancy_id/interviews/:interview_id/reviewers/:id	Delete a reviewer invitation by id

Invitations

This is a core resource of Cammio. The table below describes all methods for this resource:

Method	Resource path	Description
GET	/api/invitations	Array of invitations
POST	/api/invitations	Create an invitation
GET	/api/invitations/:id	Get invitation details by id
DELETE	/api/invitations/:id	Delete an invitation by id
GET	/api/invitations/:id/guests	Array of guests for the invitation
POST	/api/invitations/:id/guests	Create a guest invitation
GET	/api/invitations/:id/guests/:id	Get guest details by id

DELETE	/api/invitations/:id/guests/:id	Delete a guest for the invitation
---------------	---------------------------------	-----------------------------------

Interviews

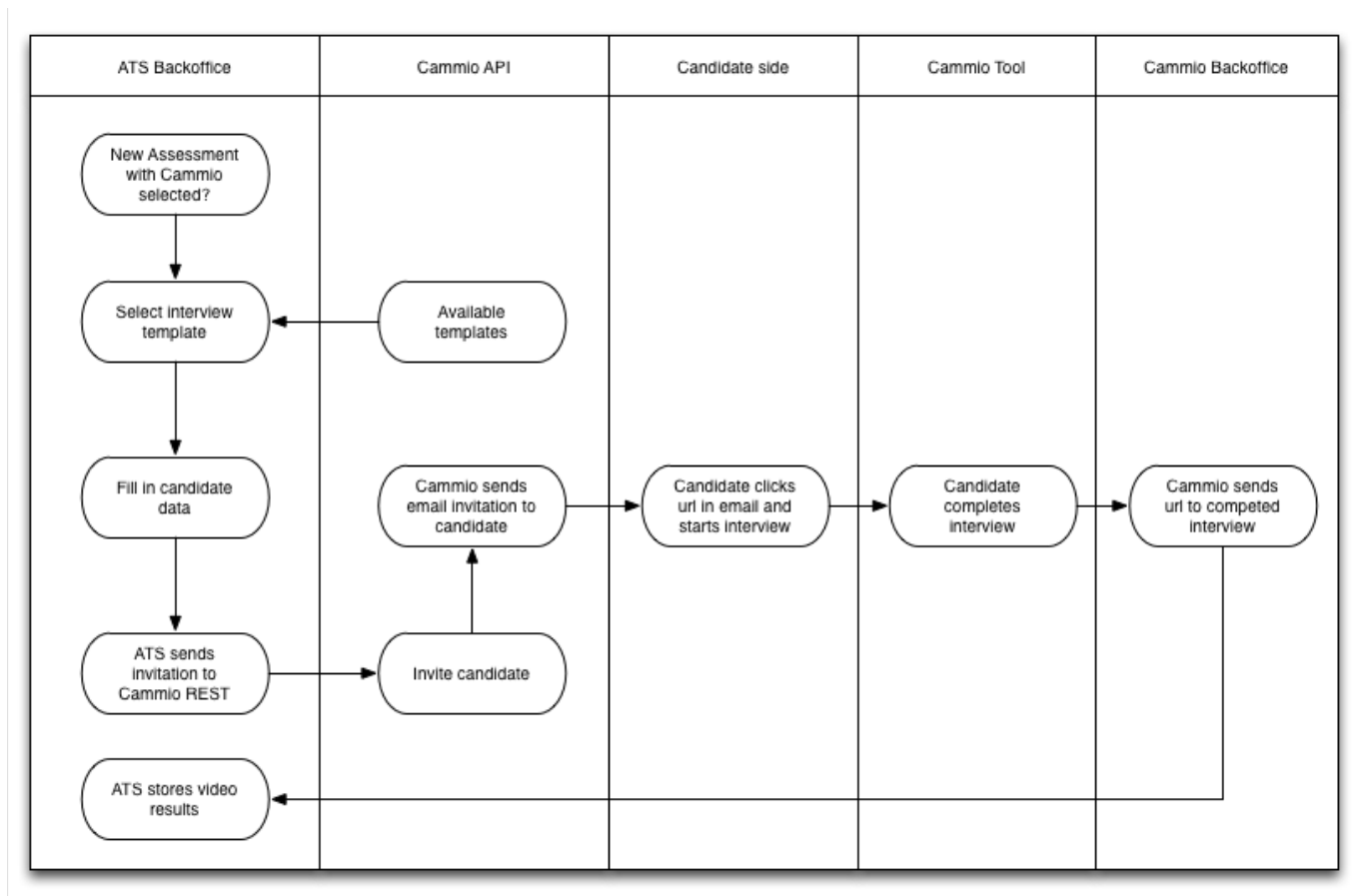
This is a core resource of Cammio. The table below describes all methods for this resource:

Method	Resource path	Description
GET	/api/interviews	Array of interviews
GET	/api/interviews/:id	Get interview details by id
GET	/api/interviews/:interview_id/reviews	Array of reviews by interview
POST	/api/interviews/:interview_id/reviews	Create a review for the interview
GET	/api/interviews/:interview_id/reviews/:id	Get details for the review
DELETE	/api/interviews/:interview_id/reviews/:id	Delete a review by id
GET	/api/interviews/:interview_id/reviewers	Array of invited reviewers for the interview
POST	/api/interviews/:interview_id/reviewers	Create a reviewer invitation for the interview
GET	/api/interviews/:interview_id/reviewers/:id	Get reviewer invitation details by id
DELETE	/api/interviews/:interview_id/reviewers/:id	Delete a reviewer invitation by id
GET	/api/interviews/:interview_id/forward_url	Retrieve a forward URL

APPENDIX A - Default ATS integration

Applicant Tracking Systems (ATS) typically use the Cammio API to integrate with these systems.

Typical integration work flow



Resources used

In this process, the ATS provider uses the resource **GET api/vacancies?templates=true** to get a list of interview templates. Using a retrieved interview template id, the ATS provider then uses the resource **POST api/invitations** in conjunction with a post body to invite a candidate.

On completion of a video interview, the Cammio backend calls the ATS providers API with the completed video interview results.

APPENDIX B - Resources

Vacancies

Vacancies are the core of this API. Candidates are invited to create interviews on the vacancies. Vacancies can be either 'automated' or 'live'. With an automated interview, candidates provide answers to prerecorded video questions. Automated interviews can have a 'public' or 'private' scope.

With the API you can create and delete vacancies. New vacancies can be based on existing vacancies, by using the `template_id` parameter. Vacancies can only be deleted when they have no invitations or interviews. Trying to do so will result in an error message. For the developers convenience, the sub- resources *invitations* and *interviews* are available as an extension to the base resource. This allows developers to access all specific vacancy details in a structured and simple way. Sub-resources of the vacancy are described in their own paragraphs.

When sub resources are used on the vacancy resource, the parameter `:vacancy_id` should NOT be used when posting message bodies. In this case, the parameter for the vacancy id is taken from the url.

GET /api/vacancies

This resource returns an array of all vacancies in the account. The list can be limited by using the *limit* and *offset* parameters.

templates: if set to true, the method returns template vacancies only Optional parameters:

- *active*: if set to true, the method returns active vacancies only
- *to* and *from*: these parameters can be used to limit the selection time frame

POST /api/vacancies

Vacancies are created by posting a JSON or XML message body containing the details of the vacancy.

See example below. Cammio will respond with a message containing the id of the created vacancy. This id can be used for navigating sub-resources within the Cammio API.

Request example

```
[
  {
    "vacancy": {
      "answering_time": null,
      "cv_upload_required": null,
      "datetime_end": "2013-09-26T02:00:00+02:00",
      "datetime_start": "2013-07-28T02:00:00+02:00",
      "external_info_url": null,
      "generic_invitation_text": null,
      "id": 3474,
      "kind": "live",
      "language": "nl",
      "num_of_interviews": 0,
      "num_of_invitations": 0,
      "num_of_retries": null,
      "play_test_question": null,
      "recruiter_email": "bas@cammio.me",
      "recruiter_id": 10682,
      "recruiter_name": "Bas Dirkse",
      "recruiter_phone": "+31681526285",
      "reference_id": "CA001-202",
      "scope": "private",
      "title": "REST API developer",
      "use_as_template": "no"
    }
  }
]
```

Response example

```
{
  "vacancy": {
    "id": 3484,
    "answering_time": "2 minutes",
    "cv_upload_required": "no",
    "datetime_end": "2013-09-26T02:00:00+02:00",
    "datetime_start": "2013-07-28T02:00:00+02:00",
    "external_info_url": null,
    "generic_invitation_text": null,
    "kind": "live",
    "language": "nl",
    "reference_id": "CA002-202",
    "scope": "private",
    "title": "REST API developer"
  }
}
```

GET /api/vacancies/:id

This resource provides access to vacancy details. The parameter :id is required. As a convenience, Cammio also fetches the sub-details for the vacancy, i.e. the invitations and interviews. This ensures that developers can minimize the number of calls to our API.

Response example

```
{
  "vacancy": {
    "answering_time": null,
    "cv_upload_required": null,
    "datetime_end": "2013-09-26T02:00:00+02:00",
    "datetime_start": "2013-07-28T02:00:00+02:00",
    "external_info_url": null,
    "generic_invitation_text": null,
    "id": 3484,
    "kind": "live",
    "language": "nl",
    "num_of_interviews": 0,
    "num_of_invitations": 1,
    "num_of_retries": null,
    "play_test_question": null,
    "recruiter_email": "bas@cammio.me",
    "recruiter_id": 10682,
    "recruiter_name": "Bas Dirkse",
    "recruiter_phone": "+31681526285",
    "reference_id": "CA002-202",
    "scope": "private",
    "title": "REST API developer",
    "use_as_template": "no",
    "invitations": [
      {
        "invitation": {
          "candidate_email": "nelson@cammio.com",
          "candidate_gender": "male",
          "candidate_id": 16004,
          "candidate_name": "Nelson Mandela",
          "candidate_phone": "123456789",
          "datetime_scheduled": "2013-07-29T02:00:00+02:00",
          "id": 6005,
          "kind": "live",
          "title": "REST API developer",
          "num_of_questions": null,
          "vacancy_id": 3484
        }
      }
    ],
    "interviews": []
  }
}
```

DELETE /api/vacancies/:id

Vacancies can only be deleted when no invitations or interviews exist for the vacancy. While it is possible to delete invitations, interviews can not be deleted in Cammio. This resource requires the :id parameter.

Response example

```
{
  "result": "VACANCY_DELETED"
}
```

The following resources are described in the **Invitation** paragraph:

- GET /api/vacancies/:vacancy_id/invitations
- POST /api/vacancies/:vacancy_id/invitations
- GET /api/vacancies/:vacancy_id/invitations/:id
- DELETE /api/vacancies/:vacancy_id/invitations/:id
- GET /api/vacancies/:vacancy_id/invitations/:id/guests
- POST /api/vacancies/:vacancy_id/invitations/guests
- POST /api/vacancies/:vacancy_id/invitations/guests
- GET /api/vacancies/:vacancy_id/invitations/:id/guests/:id
- GET /api/vacancies/:vacancy_id/invitations/:id/guests/:id
- DELETE /api/vacancies/:vacancy_id/invitations/guests/:id

The following resources are described in the **Interview** paragraph:

- GET /api/vacancies/:vacancy_id/interviews
- GET /api/vacancies/:vacancy_id/interviews/:id
- GET /api/vacancies/:vacancy_id/interviews/:interview_id/reviews
- POST /api/vacancies/:vacancy_id/interviews/:interview_id/reviews
- GET /api/vacancies/:vacancy_id/interviews/:interview_id/reviews/:id
- DELETE /api/vacancies/:vacancy_id/interviews/:interview_id/reviews/:id

Invitations

Candidates are explicitly invited to private interviews whereas everyone can apply to public interviews. When creating an invitation for a live interview, the API uses the recruiter details of the logged on user by default. When adding interviewer details to the post message, this behavior gets overridden. On vacancies of kind 'live', guests can also be invited. These guests join the live interview between candidate and recruiter/interviewer.

GET /api/invitations

This resource returns an array of all invitations within Cammio. When a candidate completes an interview, the invitation will be removed from the list. Invitations can be deleted, which effectively un-invites a candidate.

Response example

```
[
  {
    "invitation": {
      "candidate_email": "nelson@cammio.com",
      "candidate_gender": "male",
      "candidate_id": 16004,
      "candidate_name": "Nelson Mandela",
      "candidate_phone": "123456789",
      "datetime_scheduled": "2013-07-29T02:00:00+02:00",
      "id": 6005,
      "kind": "live",
      "title": "REST API developer",
      "vacancy_id": 3484
    }
  }
]
```

POST /api/invitations

With this resource you can invite a candidate to apply for a video interview by posting a message body. On live interviews, interviewer details can be provided. When these are omitted, the details of the logged on recruiter will be used. The response contains the URL to start the interview.

Request example

```
{
  "invitation" : {
    "vacancy_id" : 3484,
    "datetime_scheduled" : "2013-07-29T00:00:00+02:00",
    "candidate_email" : "nelson@cammio.com",
    "candidate_firstname" : "Nelson",
    "candidate_lastname" : "Mandela",
    "candidate_gender" : "male",
    "candidate_phone" : 123456789
  }
}
```

Response example

```
{
  "invitation": {
    "id": 6005,
    "vacancy_id": 3484,
    "reference_id": "CA002-202",
    "datetime_scheduled": "2013-07-29T02:00:00+02:00",
    "candidate_email": "nelson@cammio.com",
    "candidate_name": "Nelson Mandela",
    "candidate_phone": 123456789,
    "candidate_gender": "male",
    "title": "REST API developer",
    "kind": "live",
    "url" : "https://dev.cammio.me/public/job_interviews/750123bva34dji2duabof"
  }
}
```

GET /api/invitations/:id

With this resource you can get the details for an invitation. The :id parameter is required. For developers convenience, guest details are also fetched with this resource.

Response example

```
{
  "invitation": {
    "candidate_email": "nelson@cammio.com",
    "candidate_gender": "male",
    "candidate_id": 16004,
    "candidate_name": "Nelson Mandela",
    "candidate_phone": "123456789",
    "datetime_scheduled": "2013-07-29T02:00:00+02:00",
    "id": 6005,
    "kind": "live",
    "title": "REST API developer",
    "vacancy_id": 3484,
    "guests": [ {
      "guest": {
        "id": 5723,
        "name": "Hillary Clinton",
        "email": "hillary@cammio.com"
      }
    } ]
  }
}
```

DELETE /api/invitations/:id

With this resource you can delete an invitation. The parameter :id is required.

Response example

```
{
  "result": "INVITATION_DELETED"
}
```

GET /api/invitations/:invitation_id/guests

This resource gets an array of guests invited to join an interview.

Response example

```
[
  {
    "guest": {
      "id": 5723,
      "name": "Hillary Clinton",
      "email": "hillary@cammio.com"
    }
  }
]
```

POST /api/invitations/:invitation_id/guests

With this resource you can invite a guest to join an interview by posting a message body.

Request example

```
{
  "guest": {
    "name": "Hillary Clinton",
    "email": "hillary@cammio.com"
  }
}
```

Response example

```
{
  "guest": {
    "id": 5723,
    "name": "Hillary Clinton",
    "email": "hillary@cammio.com"
  }
}
```

GET /api/invitations/:invitation_id/guests/:id

This resource gets the guest details. The parameter :id is required.

Response example

```
{
  "guest": {
    "id": 5723,
    "name": "Hillary Clinton",
    "email": "hillary@cammio.com"
  }
}
```

DELETE /api/invitations/:invitation_id/guests/:id

With this resource you can delete a guest invitation. The parameter :id is required.

Response example

```
{
  "result": "GUEST_DELETED"
}
```

Interviews

Interviews are the result of candidates applying to video interviews. Reviewers can be invited to give a rating and remarks about a candidate's interview. When a Reviewer completes a review, their invitation is turned into a Review. It is possible to post reviews as a recruiter. All reviews as well as reviewer invitations can be deleted.

GET /api/interviews

This resource returns an array of all interviews within Cammio. The parameters limit and offset can be used for pagination. (/api/interviews?limit=50&offset=1)

Response example

```
[
  {
    "interview": {
      "candidate_email": "john@cammio.com",
      "candidate_gender": "male",
      "candidate_id": 27065,
      "candidate_name": "John Lennon",
      "candidate_phone": "123",
      "datetime_end": "2013-07-30T11:35:26+02:00",
      "datetime_scheduled": "2013-08-05T02:00:00+02:00",
      "datetime_start": "2013-07-30T11:34:41+02:00",
      "datetime_synchronized": null,
      "duration_in_minutes": 1,
      "id": 17026,
      "kind": "automated",
      "num_of_questions": 2,
      "num_of_recordings": 2,
      "num_of_review_invitations": 0,
      "num_of_reviews": 0,
      "scope": "private",
      "thumbnail": "http://tool.cammio.me/1375176906541.jpg",
      "title": "VP of development",
      "url": "https://tool.cammio.me/recruiter/reviews/17026",
      "vacancy_id": 9326
    }
  }
]
```

GET /api/interviews/:id

This resource returns the details for the interview. The parameter :id is required. Reviewer invitations and reviews are pre-fetched.

Response example

```
{
  "interview": {
    "candidate_email": "john@cammio.com",
    "candidate_gender": "male",
    "candidate_id": 27065,
    "candidate_name": "John Lennon",
    "candidate_phone": "123",
    "datetime_end": "2013-07-30T11:35:26+02:00",
    "datetime_scheduled": "2013-08-05T02:00:00+02:00",
    "datetime_start": "2013-07-30T11:34:41+02:00",
    "datetime_synchronized": null,
  }
}
```



```
"duration_in_minutes": 1,
"id": 17026,
"kind": "automated",
"num_of_questions": 2,
"num_of_recordings": 2,
"num_of_review_invitations": 3,
"num_of_reviews": 1,
"scope": "private",
"thumbnail": "http://tool.cammio.me/1375176906541.jpg",
"title": "VP of development",
"url": "https://tool.cammio.me/recruiter/reviews/17026",
"vacancy_id": 9326,
"reviewers": [
  {
    "reviewer": {
      "email": "billy@cammio.com",
      "id": 10385,
      "name": "Billy Bob"
    }
  }
],
"reviews": [
  {
    "review": {
      "id": 17026,
      "reviewer_name": "Bas Dirkse",
      "rating": 1,
      "remarks": "Strong candidate!"
    }
  }
],
"recordings": [
  {
    "recording": {
      "title": "Why do you apply for this job?",
      "index": 1,
      "required": 1,
      "video_id": 88238,
      "thumbnail": "http://tool.cammio.me/1375176906541.jpg"
    }
  },
  {
    "recording": {
      "title": "What is your motivation?",
      "index": 2,
      "required": 1,
      "video_id": 88239,
      "thumbnail": "http://tool.cammio.me/1375176906541.jpg"
    }
  }
]
```

```
    ]
  }
}
```

GET /api/interviews/:interview_id/reviewers

This resource returns an array of reviewer invitations.

Response example

```
[
  {
    "reviewer": {
      "email": "bas@cammio.nl",
      "id": 10383,
      "name": "Bas Dirkse"
    }
  }
]
```

POST /api/interviews/:interview_id/reviewers

This resource creates a reviewer invitation by using a post message body.

Request example

```
{
  "reviewer" : {
    "name" "Robert de Niro",
    "phone" : "1234567890",
    "email" : "robert@cammio.com"
  }
}
```

Response example

```
{
  "reviewer" : {
    "id" : 10368,
    "name" "Robert de Niro",
    "email" : "robert@cammio.com"
  }
}
```

GET /api/interviews/:interview_id/reviewers/:id

This resource returns the details of a reviewer invitation

Response example

```
{
  "reviewer": {
    "email": "robert@cammio.nl",
    "id": 10386,
    "name": "Robert de Niro"
  }
}
```

DELETE /api/interviews/:interview_id/reviewers/:id

This resource deletes a reviewer invitation.

Response example

```
{
  "result": "REVIEWER_DELETED"
}
```

GET /api/interviews/:interview_id/reviews

This resource returns an array of reviews.

Response example

```
[
  {
    "review": {
      "id": 17026,
      "rating": 1,
      "remarks": "Strong candidate!",
      "reviewer_name": "Bas Dirkse"
    }
  }
]
```

POST /api/interviews/:interview_id/reviews

This resource creates a review by using a post message body.

Request example

```
{
  "review" : {
    "rating" : 1,
    "remarks" : "Strong candidate!"
  }
}
```

Response example

```
{
  "review": {
    "id": 17026,
    "rating": 1,
    "remarks": "Strong candidate!",
    "reviewer_name": "Bas Dirkse"
  }
}
```

GET /api/interviews/:interview_id/reviews/:id

This resource returns the details of a review.

Response example

```
{
  "review": {
    "id": 17027,
    "rating": 2,
    "remarks": "Not the best candidate, however",
    "reviewer_name": "John Doe"
  }
}
```

DELETE /api/interviews/:interview_id/reviews/:id

This resource deletes a review.

Response example

```
{
  "result": "REVIEW_DELETED"
}
```

GET /api/interviews/:interview_id/forward_url

This resource retrieves a URL which can be used 3 times within 72 hours before it expires.

Response example

```
{  
  "url": "https://dev.cammio.me/public/video/v/750lp30ase48t3dj1ljwvr"  
}
```