



# **cielo24 Documentation**

*Release 1.4.10*

**cielo24**

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The cielo24 Web Services Platform API allows developers to easily integrate transcription, captioning and keyword extraction into their applications without having to use a manual web portal.



### 1.1 Getting Started

1. Send an email to [support@cielo24.com](mailto:support@cielo24.com) requesting a sandbox API login.
2. Download our API libraries: Python, Ruby, Java, PHP, .NET.
  1. Each project includes a core library and a command line application you can use to experiment with the API without writing any code of your own.
3. Use the sandbox credentials you received from support and the libraries to connect to our API.

### 1.2 Sandbox API

For testing, a sandbox API is provided at <https://sandbox.cielo24.com>. The sandbox provides a testing platform for development, where no real processing is performed. Transcript/caption requests made to the sandbox will return a pre-prepared sample, the data will not match the content or length of media you submitted. However, the transcript/caption will be formatted as you request in your *get\_transcript* / *get\_caption* call. The sandbox API will make URL callbacks, if requested, a few seconds after the call to *perform\_transcription* is made.

### 1.3 Production API

The production API can be accessed from the following location: <https://api.cielo24.com>.

### 1.4 Account Management

Account management is largely performed outside of the API. To set up a new production account please register for an account at <http://www.cielo24.com>. To request a sandbox account, email to [support@cielo24.com](mailto:support@cielo24.com).

## 1.5 Sub-Accounts

Upon request, multiple accounts may be created for you to control access or simplify billing. These accounts will be related to one another by parent-child relationships. An unlimited number of relationship levels may be created, i.e. parent, child, grandchild.

Each sub-account is a normal account with its own list of jobs and media. Access is restricted to the jobs in an account and that account's descendants. For example, the credentials for a child account may be used to create and/or access jobs in a grandchild account, but not in a parent or sibling accounts.

For the most part, the access to the jobs of sub-accounts is transparent, as most API calls operate using a job ID. Simply login as a parent, and access jobs of the sub-account as if they belonged to the parent. However, for some API calls, such as Create Job and List Jobs, you will need to pass an additional parameter to specify the sub account you want to use.

If you are interested in using sub-accounts, please contact [support@cielo24.com](mailto:support@cielo24.com) for more information.

## 1.6 Callbacks

Processing requests such as transcription are not completed immediately. As such, the interface supports the use of a callback URL that is provided by the application developer. Once the job has completed, the API calls this callback URL to inform the application that the specific job has been completed. We make a GET request to the callback URL. HTTPS and embedded basic HTTP auth URLs are supported. We will retry callbacks three times over a 30 minute period if the remote server doesn't return a HTTP success code (200 OK.) You may wish to include a unique identifier in the URL so you can tell which request has completed, or you can request that we send additional data with the callback. See the `callback_url` parameter of each method for a list of the data that can be sent.

For example: [http://www.yourdomain.com/cielo24/request\\_complete?job\\_id=1234](http://www.yourdomain.com/cielo24/request_complete?job_id=1234)

## 1.7 Polling

If a callback URL is not practical, the application can poll the interface by requesting the status of a given task that is associated with a given job. The task status will indicate COMPLETE when the task is done.

## 1.8 Languages

We support transcription to and from any of the following languages. However, please note that if English is not a source or target language, an additional translation will incur as we will have to generate a translation from the source language into English and then from English into the Target language. This will result in increased charges.

Transcription and translation are supported in the following languages for PROFESSIONAL fidelity jobs (volume may vary contact [support](#) for more information):

Language	IETF Language Code
Arabic	ar
Chinese - Mandarin (Traditional)	zh-tw
Chinese - Mandarin (Simplified)	zh-cmn
Chinese - Cantonese (Traditional)	zh-yue
Czech	cz

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Table 1 – continued from previous page

Language	IETF Language Code
Danish	dk
Dutch	nl
English	en
French	fr
French (Canada)	fr-ca
Finnish	fi
German	de
Greek	gr
Hebrew	he
Hindi	hi
Indonesian	id
Italian	it
Japanese	ja
Korean	ko
Norwegian	no
Polish	pl
Portuguese (Brazil)	pt
Portuguese (Portugal)	pt-pt
Russian	ru
Spanish	es
Spanish (Spain)	es-es
Slovak	sk
Swedish	se
Thai	th
Turkish	tr
Vietnamese	vn

Transcription is supported in the following languages for MECHANICAL fidelity jobs:

Language	IETF Language Code
Dutch	nl
English	en
French	fr
German	de
Italian	it
Spanish	es
Portuguese	pt



### 2.1 Request from Media File Only

A job is created and a media file (audio or video) is submitted either via a URL or uploaded from the developer's site. A task request is made of the job to perform transcription where task completion is determined via a callback URL or by the application's polling of the interface to check on the status of the request. Once the requested transcription has been completed, all supported transcription and caption formats can be requested for this job.

The following delineates the simplified steps involved:

1. Login via account credentials.
2. Create job.
3. Specify media file URL or upload the media file. A media file is either an audio or video file.
4. Make request to perform a transcription task. Specify:
  1. *Fidelity* : MECHANICAL, PREMIUM or PROFESSIONAL fidelity transcription.
  2. *Priority* : STANDARD or PRIORITY.
5. Wait for callback URL or poll task status for completion.
6. **[Option]** Request transcript. Specify format of transcript (e.g. standard, time coded, replace slang, etc.). Request can be made multiple times for a given job (i.e. multiple requests can be made for multiple output types).
7. **[Option]** Request caption file. Specify format of caption file (e.g. SRT, DFXP, lines per caption file, characters per caption line, etc.). Request can be made multiple times for a given job.
8. **[Option]** Request complete element list. A complete list of all words and transcription codes is returned. In addition to the words, the following additional information is provided for each word: confidence score, starting time, ending time, preferred display format, and surrounding punctuation.

## 2.2 Request from Media File and Corresponding Transcript

A job is created and a media file (audio or video) is submitted either via a URL or uploaded from the developer's site. In addition to the media file, a text transcript file is submitted either via a URL or uploaded from the developer's site. A task request is made of the job to perform synchronization where task completion is determined via a callback URL or by the application's polling of the interface to check on the status of the request. Once the requested synchronization has been completed, all supported transcription and caption formats can be requested for this job.

The following delineates the simplified steps involved:

1. Login.
2. Create job.
3. Specify media file URL or upload the media file. A media file is either an audio or video file.
4. Specify transcription file URL or upload the transcription file. Text file only.
5. Request word synchronization (implies premium word timing), providing callback URL if desired.
6. Wait for callback URL or poll task status for completion.
7. **[Option]** Request transcript. See above description.
8. **[Option]** Request caption file. See above description.
9. **[Option]** Request complete element list. See above description.

## 2.3 Request from Existing Job

For any outstanding jobs, subsequent requests can be made for transcripts, caption files and element-lists, as delineated in the following steps:

1. Specify job number.
2. **[Option]** Request transcript. See above description.
3. **[Option]** Request caption file. See above description.
4. **[Option]** Request complete element list. See above description.

All parameters are expected to be safely quoted as is customary for GET query strings. Unless otherwise noted, all actions will accept either a GET or a POST request. For each session, you will be given an api access token. This token identifies the session, and all additional accesses are made using it. Api tokens expire after the user has been inactive for more than one hour.

### 3.1 Login

Login to the cielo24 API to obtain an API access token for use when calling other methods. Optional arguments may be passed either as HTTP headers or query string parameters. Required arguments must be passed as query string parameters.

#### HTTP Method

**GET** /api/account/login

**HTTP Headers** — Optional

Provide **x-auth-user** with either **x-auth-password** or **x-auth-securekey**.

Name	Details	
x-auth-user	<i>Description</i>	The username associated with this account
	<i>Allowed Values</i>	String
	<i>Example</i>	john_doe
x-auth-password	<i>Description</i>	The password associated with this account
	<i>Allowed Values</i>	String
	<i>Example</i>	example_password
x-auth-securekey	<i>Description</i>	A long term security key generated via <i>generate_api_key</i>
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	968a8b637a5040159424872fffd895b

**Query String Parameters** — Required (always)

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1

### Query String Parameters — Optional

Provide **username** with either **password** or **securekey**.

Name	Details	
username	<i>Description</i>	The username associated with this account
	<i>Allowed Values</i>	String
	<i>Example</i>	username=john_doe
password	<i>Description</i>	The password associated with this account
	<i>Allowed Values</i>	String
	<i>Example</i>	password=example_password
securekey	<i>Description</i>	A long term security key generated via <i>generate_api_key</i>
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	securekey=968a8b637a5040159424872fffdb895b

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "ApiToken": "The new ↪API token (hex string)" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/account/login?v=1&username=john_doe&password=example_password HTTP/1.1
Host: api.cielo24.com
```

```
GET /api/account/login?v=1&username=user&securekey=968a8b637a5040159424872fffdb895b
↪HTTP/1.1
Host: api.cielo24.com
```

```
GET /api/account/login?v=1 HTTP/1.1
Host: api.cielo24.com
x-auth-user: john_doe
x-auth-key: example_password
```

```
GET /api/account/login?v=1 HTTP/1.1
Host: api.cielo24.com
x-auth-user: john_doe
x-auth-securekey: 968a8b637a5040159424872fffdb895b
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "ApiToken" : "7ca5dc5c7cce449fb0fff719307e8f5f" }
```

## 3.2 Logout

Logout of the current session, invalidating the API token.

### HTTP Method

**GET** /api/account/logout

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token to invalidate
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

### Responses

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/account/logout?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 204 OK
```

## 3.3 Update Password

Update the password for a given account. HTTP POST only.

### HTTP Method

**POST** /api/account/update\_password

Request Body — Required

Request body consists of a query string that contains the following parameters:

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
new_password	<i>Description</i>	New account password
	<i>Allowed Values</i>	String
	<i>Example</i>	new_password=example_password

**Request Body** — Optional

Name	Details	
username	<i>Description</i>	Sub-account for which the password should be updated
	<i>Allowed Values</i>	String
	<i>Example</i>	username=my_sub_account

**Responses**

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

**Example Requests**

```
POST /api/account/update_password HTTP/1.1
Host: api.cielo24.com
Body: v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f&new_password=example_password
```

**Example Response**

```
HTTP/1.1 204 OK
```

## 3.4 Update Setting

Update a setting for a given account.

**HTTP Method**

**POST** /api/account/update\_setting

**Request Body Parameters** — Required



Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
setting	<i>Description</i>	The name of the setting to update
	<i>Allowed Values</i>	String
	<i>Example</i>	setting=default_job_notes
value	<i>Description</i>	The new value of the setting
	<i>Allowed Values</i>	String
	<i>Example</i>	value=true

### Request Body Parameters — Optional

Name	Details	
account_id	<i>Description</i>	Username of a sub account for which to update setting
	<i>Allowed Values</i>	String
	<i>Example</i>	account_id=my_sub_account

### Available Settings

<b>default_job_notes</b>	
<i>Description</i>	
<i>Allowed Values</i>	String (6000 characters max)
<b>require_customer_authorization_before_starting_workflow</b>	
<i>Description</i>	Require <b>all</b> jobs to be authorized by the customer before being processed
<i>Allowed Values</i>	Boolean
<b>customer_authorization_required_mechanical</b>	
<i>Description</i>	
<i>Allowed Values</i>	Boolean

### Responses

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
POST /api/account/update_setting HTTP/1.1
Host: api.cielo24.com
Body: v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f&account_id=john_doe
      &setting=default_job_notes&value=my%20job%20notes
```

### Example Response

```
HTTP/1.1 204 OK
```

## 3.5 Generate API Key

Creates a long term use API key to use in lieu of a password. With this key you can *login* using your user name and the key, instead of the account password. If the account you have specified has one pre-existing, it is returned to you. Setting `force_new` explicitly requests that an additional key be created for the account even if keys already exist.

### HTTP Method

**GET** `/api/account/generate_api_key`

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

Query String Parameters — Optional

Name	Details	
force_new	<i>Description</i>	Set to <i>true</i> if you want to always create a new API key
	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	force_new=true
account_id	<i>Description</i>	Username of a sub account for which to generate a key
	<i>Allowed Values</i>	String
	<i>Example</i>	account_id=my_sub_account

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "ApiKey": "The new long_ ↳term ApiKey" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/account/generate_api_key?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&account_id=john_doe&force_new=true HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "ApiKey" : "7ca5dc5c7cce449fb0fff719307e8f5f" }
```

## 3.6 Remove API Key

Invalidates an API Key you have previously generated. It will no longer work as a login credential.

### HTTP Method

**GET** /api/account/remove\_api\_key

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
api_securekey	<i>Description</i>	A long term security key to invalidate
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_securekey=968a8b637a5040159424872fffdb895b

### Responses

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/account/remove_api_key?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&api_securekey=968a8b637a5040159424872fffdb895b HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 204 OK
```



All job control tasks return a task ID which can be queried at any time using task status for information.

## 4.1 Create Job

Create a new job. A job is a container into which you can upload media and request that transcription be performed. Creating a job is prerequisite for virtually all other methods.

### HTTP Method

**GET** /api/job/new

**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

**Query String Parameters** — Optional

Name	Details	
job_name	<i>Description</i>	A human readable identifier for the job
	<i>Allowed Values</i>	String
	<i>Example</i>	job_name=example_name
language	<i>Description</i>	Native job language.
	<i>Allowed Values</i>	RFC 5646 Language code
	<i>Default Value</i>	en
	<i>Example</i>	language=en
external_id	<i>Description</i>	An identifier you want to associate with this job
	<i>Allowed Values</i>	String
	<i>Default Value</i>	None
	<i>Example</i>	external_id=12345
username	<i>Description</i>	Create the job in specified sub-account
	<i>Allowed Values</i>	String
	<i>Example</i>	username=my_sub_account
requestor	<i>Description</i>	An requestor you want to associate with this job
	<i>Allowed Values</i>	String
	<i>Example</i>	requestor=test_requestor
reference	<i>Description</i>	An reference you want to associate with this job
	<i>Allowed Values</i>	String
	<i>Example</i>	reference=test_reference
expected_speakers	<i>Description</i>	Amount of speakers that the video will have
	<i>Allowed Values</i>	Integer
	<i>Example</i>	expected_speakers=40

## Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "JobId": "An ID which ↪ can be used to refer to ↪ this job",   "TaskId": "An ID for ↪ tracking tasks within a ↪ job" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

## Example Requests

```
GET /api/job/new?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_name=example_name&language=en HTTP/1.1
Host: api.cielo24.com
```

## Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

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```
{
  "JobId" : "64bea283eff6475ea6596027a6ba0929",
  "TaskId" : "cc8095fbfecf4647b2e10b622d81c19b"
}
```

## 4.2 Authorize Job

Authorize an existing job. If your account has the “customer authorization” feature enabled (it is not enabled by default) jobs you create will be held in the “Authorizing” state until you call this method. Calling this method on a job that is not the “Authorizing” state has no effect and will return success. Please contact [support@cielo24.com](mailto:support@cielo24.com) to enable the “customer authorization” feature.

### HTTP Method

**GET** `/api/job/authorize`

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job to be authorized
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

### Responses

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/authorize?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 204 OK
```

## 4.3 Modify Job

Modify parameters of an already existing job. The job must be in *Authorization* state.

### HTTP Method

**POST** `/api/job/modify`

**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job which is being modified
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Query String Parameters** — Optional

Name	Details	
transcription_fidelity	<i>Description</i>	The desired fidelity of the transcription
	<i>Allowed Values</i>	<i>Fidelity Enumeration</i>
	<i>Example</i>	transcription_fidelity=PREMIUM
turnaround_hours	<i>Description</i>	The number of hours after which the job is returned
	<i>Allowed Values</i>	Integer
	<i>Example</i>	turnaround_hours=36
priority	<i>Description</i>	The desired priority of the transcription
	<i>Allowed Values</i>	<i>Priority Enumeration</i>
	<i>Example</i>	priority=STANDARD
account_id	<i>Description</i>	The username of the account to be assigned to the job
	<i>Allowed Values</i>	String
	<i>Example</i>	account_id=john_doe
requestor_id	<i>Description</i>	ID of user requesting the job (helpful for grouping)
	<i>Allowed Values</i>	String
	<i>Example</i>	requestor_id=sample_id
expected_speakers	<i>Description</i>	Amount of speakers that the video will have
	<i>Allowed Values</i>	Integer
	<i>Example</i>	expected_speakers=40

### Responses

HTTP Code	Details	
204	<i>Description</i>	Success
	<i>Contents</i>	none
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests



```
POST /api/job/perform_transcription HTTP/1.1
Host: api.cielo24.com
Body: v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
      &job_id=64bea283eff6475ea6596027a6ba0929
      &transcription_fidelity=PREMIUM&priority=STANDARD&account_id=john_doe
```

**Example Response**

```
HTTP/1.1 204 OK
```

## 4.4 Delete Job

Delete an existing job. Jobs can only be deleted before they have started processing, when their status is “Authorizing” or “Pending”. If you need to delete a job after it has started processing contact [support@cielo24.com](mailto:support@cielo24.com) and we will do our best to accommodate your request.

**HTTP Method****GET** /api/job/delete**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job to be deleted
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Responses**

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId": "Encoded Task_   ↪ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

**Example Requests**

```
GET /api/job/delete?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "TaskId" : "cc8095fbfecf4647b2e10b622d81c19b" }
```

## 4.5 Job Info

Get information about an existing job.

### HTTP Method

**GET** /api/job/info

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job for which job status is returned
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted job status. See <i>Job Info Format</i> for details.
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/info?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "JobId": "d4fb871e07514304b23131b45f8caa1f",
  "JobName": "example_job",
```

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```

"MediaLengthSeconds": 607.81,
"ExternalID": "sample_id",
"Priority": "STANDARD",
"Fidelity": "MECHANICAL",
"JobStatus": "Complete",
"SourceLanguage": "en",
"TargetLanguage": "en",
"CreationDate": "2014-08-27T14:00:06.472706",
"StartDate": "2014-08-27T14:00:06.472706",
"DueDate": "2014-08-29T14:00:06.472706",
"CompletedDate": "2014-08-27T14:10:41.923125",
"ReturnDate": "2014-08-27T14:10:42.885185",
"AuthorizationDate": "2014-08-27T14:00:06.472706",
"JobDifficulty": "Unknown",
"ReturnTargets": {
  "url": [
    {
      "callback_url": "https://sample-url.com/return/"
    },
    {
      "callback_url": "https://sample-url-2.com/return/"
    }
  ]
},
"Options": {
  "option_name": {
    "label": "option_label",
    "setting": "option_setting"
  }
}
}

```

## 4.6 Job List

Get a list of all jobs associated with the user account that generated the given API Token. The list is sorted by default to the creation time of the job, descending.

### HTTP Method

**GET** /api/job/list

**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

**Query String Parameters for filtering** — Optional

Name	Details	
CreationDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	CreationDateFrom=2014-08-27T13:40:53
CreationDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	CreationDateTo=2014-08-27T13:40:53
StartDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	StartDateFrom=2014-08-27T13:40:53
StartDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	StartDateTo=2014-08-27T13:40:53
DueDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	DueDateFrom=2014-08-27T13:40:53
DueDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	DueDateTo=2014-08-27T13:40:53
CompleteDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	CompleteDateFrom=2014-08-27T13:40:53
CompleteDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	CompleteDateTo=2014-08-27T13:40:53
ReturnDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	ReturnDateFrom=2014-08-27T13:40:53
ReturnDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	ReturnDateTo=2014-08-27T13:40:53
AuthorizationDateFrom	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	AuthorizationDateFrom=2014-08-27T13:40:53
AuthorizationDateTo	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	AuthorizationDateTo=2014-08-27T13:40:53
JobStatus	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	JobStatus=Complete
Fidelity	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	Fidelity=MECHANICAL
Priority	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	Priority=STANDARD
TurnaroundTimeHoursFrom	<i>Description</i>	
	<i>Allowed Values</i>	Integer.
	<i>Example</i>	TurnaroundTimeHoursFrom=24
TurnaroundTimeHoursTo	<i>Description</i>	
	<i>Allowed Values</i>	Integer.
	<i>Example</i>	TurnaroundTimeHoursTo=48

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Name	Details	
JobName	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	JobName=job_*_name_*
ExternalID	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	ExternalID=external_1234
Username	<i>Description</i>	
	<i>Allowed Values</i>	String.
	<i>Example</i>	Username=my_account_name
JobDifficulty	<i>Description</i>	
	<i>Allowed Values</i>	<i>JobDifficulty Enumeration</i>
	<i>Example</i>	JobDifficulty=Good

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted Job List. See <i>Job List Format</i> for details.
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/list?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f HTTP/1.1
Host: api.cielo24.com
```

```
GET /api/job/list?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f&Priority=STANDARD HTTP/1.1
Host: api.cielo24.com
```

```
GET /api/job/list?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&CompleteDateTo=2014-08-27T14%3A44%3A54 HTTP/1.1
Host: api.cielo24.com
```

```
GET /api/job/list?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&CompleteDateTo=2014-08-27 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "Username": "john_doe",
  "ActiveJobs":
  [
    {
      "JobId": "d4fb871e07514304b23131b45f8caa1f",
```

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```

"JobName": "example_job",
"MediaLengthSeconds": 607.81,
"ExternalID": "sample_id",
"Priority": "STANDARD",
"Fidelity": "MECHANICAL",
"JobStatus": "Complete",
"SourceLanguage": "en",
"TargetLanguage": "en",
"CreationDate": "2014-08-27T14:00:06.472706",
"StartDate": "2014-08-27T14:00:06.472706",
"DueDate": "2014-08-29T14:00:06.472706",
"CompletedDate": "2014-08-27T14:10:41.923125",
"ReturnDate": "2014-08-27T14:10:42.885185",
"AuthorizationDate": "2014-08-27T14:00:06.472706",
"JobDifficulty": "Unknown",
"ReturnTargets": {
  "url": [
    {
      "callback_url": "https://sample-url.com/return/"
    },
    {
      "callback_url": "https://sample-url-2.com/return/"
    }
  ]
},
"Options": {
  "option_name": {
    "label": "option_label",
    "setting": "option_setting"
  }
}
}
}
}

```

## 4.7 list\_related

Get both the leading job and a list of jobs related to the leading jobs

### HTTP Method

**GET** /api/job/list\_related

Query String Parameters — Required

Name	Details	
job_id	<i>Description</i>	Unique identifier for either the leading job or related
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=93n7dc5c7cce449fbk4h3nfo89m2be8w
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted Job List. See <i>Job List Format</i> for details.
4xx	<i>Description</i>	User input error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)
5xx	<i>Description</i>	System error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/list_related?api_token=7ca5dc5c7cce449fb0fff719307e8f5f&job_id=93n7dc5c7cce449fbk4h3nfo89m2be8w
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

```
{
  "related_jobs": [],
  "leading_job": {
    "job_status": "Pending",
    "job_id": "99ac39bc9fe344bea6a8fdb75afccbda",
    "current_priority": "STANDARD",
    "media_length": "0:10:22.844807",
    "current_fidelity": "HIGH",
    "language": "fr:en,fr"
  }
}
```

## 4.8 Add Media To Job

Add a piece of media to an existing job. A job may only have a single piece of media associated with it, attempting to add additional media will return an error code.

To add media from a publicly accessible URL, make a GET request and specify the URL in the **media\_url** parameter.

To add media from a local file, make a POST request. Do NOT specify the `media_url` parameter in the request URL. No content-type should be included in the HTTP header. Upload the media directly inline as the body of the request. The media should be uploaded as raw binary, no encoding (base64, hex, etc) is required. Chunk-transfer encoding is NOT supported. If uploading large files (500 mb and up), specify the Content-Length in the header. File size is limited to 10 gb.

### HTTP Method

GET /api/job/add\_media (from URL)

POST /api/job/add\_media (from local file)

**Query String Parameters** — Required (always)

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job to which media is added
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Query String Parameters** — Required (when adding media from URL)

Name	Details	
media_url	<i>Description</i>	The URL from which media will be obtained
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	media_url=http%3A%2F%2Fwww.domain.com%2Fvideo.mp4

**Request Body** — Required (when adding media from local file)

Name	Details	
not applicable	<i>Description</i>	Raw binary of a media file
	<i>Allowed Values</i>	not applicable
	<i>Example</i>	not applicable

**HTTP Headers** — Required (when uploading LARGE media files)

Name	Details	
Content-Length	<i>Description</i>	File size (in bytes)
	<i>Allowed Values</i>	Integer
	<i>Example</i>	645809838

**Responses**

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId" : "Encoded_ ↪Task ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

**Example Requests**



```
GET /api/job/add_media?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
&media_url=http%3A%2F%2Fwww.domain.com%2Fvideo.mp4 HTTP/1.1
Host: api.cielo24.com
```

```
POST /api/job/add_media?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
Content-Length: 645809838
Body: raw binary
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "TaskId" : "41ec7d23fb4b45f9b48a13d0b7283bf2" }
```

## 4.9 Add transcript To Job

Add a transcript to an existing job.

**not supported for every workflow, talk to your account manager for more details before using this feature**

To add transcript from a publicly accessible URL, make a GET request and specify the URL in the **transcript\_url** parameter.

To add transcript from a local file, make a POST request. Do NOT specify the transcript\_url parameter in the request URL. No content-type should be included in the HTTP header. Upload the transcript directly inline as the body of the request. The transcript should be uploaded as raw binary, no encoding (base64, hex, etc) is required. Chunk-transfer encoding is NOT supported. If uploading large files (500 mb and up), specify the Content-Length in the header. File size is limited to 10 gb.

### HTTP Method

**GET /api/job/add\_transcript (from URL)**

**POST /api/job/add\_transcript (from local file)**

**Query String Parameters** — Required (always)

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job to which transcript is added
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
format	<i>Description</i>	The format of the transcription file
	<i>Allowed Values</i>	String <i>text, srt, vtt, dfxp</i>
	<i>Example</i>	format=text

**Query String Parameters** — Required (*when adding transcript from URL*)

Name	Details	
transcript_url	<i>Description</i>	The URL from which transcript will be obtained
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	transcript_url=http%3A%2F%2Fwww.domain.com%2Fvideo_script.txt

**Request Body** — Required (*when adding transcript from local file*)

**Responses**

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId" : "Encoded_ ↪Task ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

**Example Requests**

```
GET /api/job/add_transcript?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
&transcript_url=http%3A%2F%2Fwww.domain.com%2Fvideo_script.txt HTTP/1.1
Host: api.cielo24.com
```

```
POST /api/job/add_transcript?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
Content-Length: 645809838
Body: raw binary
```

**Example Response**

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "TaskId" : "41ec7d23fb4b45f9b48a13d0b7283bf2" }
```

## 4.10 Add Embedded Media To Job

Add a piece of media to an existing job via a non-direct URL. A job may only have a single piece of media associated with it, attempting to add additional media will return an error code.

Use this option to link to a video hosted by providers like BrightCove, Kaltura, Youtube, or Vimeo.

**HTTP Method**

**GET /api/job/add\_media\_url**

**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
media_url	<i>Description</i>	The URL from which media will be obtained
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	media_url=http%3A%2F%2Fyoutu.be%2F5m5MPiL99Nc

**Responses**

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId" : "Encoded_ ↪Task ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

**Example Requests**

```
GET /api/job/add_media_url?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
&media_url=http%3A%2F%2Fyoutu.be%2F5m5MPiL99Nc HTTP/1.1
Host: api.cielo24.com
```

**Example Response**

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "TaskId" : "41ec7d23fb4b45f9b48a13d0b7283bf2" }
```

## 4.11 Add Custom Guideline To Job

Add a set of guidelines for transcribers to follow when transcribing the media.

To add guidelines from a publicly accessible URL where the guidelines is the actual web page, make a GET request and specify the URL in the **guidelines\_url** parameter and specify **is\_html** parameter as **true**.

To add guidelines from a publicly accessible Download URL, make a GET request and specify the URL in the **guidelines\_url** parameter. (you do not need to specify **is\_html** as false)

To add media rom a local file, make a POST request, Do NOT specify the **guidelines\_url** parameter in the request URL. The media should be uploaded with a multipart/form content type where the file is uploaded to form-field input **file**

**Note** if you upload a custom guidelines set, when you call the **perform\_transcription** api endpoint, you must call the option parameter with **custom\_special\_handling** set to **true**

**HTTP Method**

**GET** /api/job/add\_custom\_guidelines (from URL)

**POST** /api/job/add\_custom\_guidelines (from local file)

**Query String Parameters** - Required (always)

Name	Details	
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Query String Parameters** – Required (when adding guidelines from URL)

Name	Details	
guidelines_url	<i>Description</i>	The URL from which custom_guidelines will be obtained
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	guidelines_url=https://cielo24.com/guidelines/

**Query String Parameters** – Required (when adding guidelines from URL where the web page is the guidelines)

Name	Details	
is_html	<i>Description</i>	flag to indicate whether url is download or webpage
	<i>Allowed Values</i>	true or false
	<i>Example</i>	is_html=true

**Request Body** — Required (when adding guidelines from local file)

Name	Details	
file	<i>Description</i>	Raw binary of a .txt file
	<i>Allowed Values</i>	not applicable
	<i>Example</i>	Content-Disposition: form-data; name="file"; filename="file1.txt" Content-Type: text/plain

**Example Requests**

```
GET /api/job/add_custom_guidelines?api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
```

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```
&guidelines_url=https%3A%2F%2Fcielo24.com%2Fguidelines%2F
&is_html=true HTTP/1.1
```

```
POST /api/job/add_custom_guidelines?api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Content-Length: 1037
Expect: 100-continue
Content-Type: multipart/form-data; boundary=-----d74496d66958873e
Content-Disposition: form-data; name="file"; filename="file.txt"
Content-Type: text/plain

contents of the file here
-----d74496d66958873e--
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{"CUSTOM_GUIDELINES_STORED": {"full_html": false, "storage_data": {"path": "public/
↪original-media/5523e8c8d34444c38e675e1f46f2b55c.txt", "account":
↪"1eff263d871f460f86f5a4d133a7e727", "bucket": "cielo24-dev-dev-main-storage", "size
↪": 1037}}}
```

## 4.12 Get Media

Get a URL to the media for an existing job. If the media was directly uploaded to the job, no URL will be returned.

### HTTP Method

**GET** /api/job/media

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "MediaUrl" : "Encoded_ ↪Media Url" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/media?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "MediaUrl" : "https://sample.url.com" }
```

## 4.13 Get Transcoded Media

Get a URL to a specific transcoded version of the media for an existing job.

### HTTP Method

**GET** /api/job/transcoded\_media

Query String Parameters - Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
transcoded_version	<i>Description</i>	The transcoded version of the media
	<i>Allowed Values</i>	mp4, mp3, webm
	<i>Example</i>	transcoded_media=webm

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "MediaUrl" : "Encoded_ ↵Media Url" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)
422	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/transcoded_media?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929&transcoded_version=mp4 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "MediaUrl" : "https://sample.url.com" }
```

## 4.14 Perform Transcription

Request that transcription be performed on the specified job. A callback URL, if specified, will be called when the transcription is complete. See *callback documentation* for details.

### HTTP Method

**GET** /api/job/perform\_transcription

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
transcription_fidelity	<i>Description</i>	The desired fidelity of the transcription
	<i>Allowed Values</i>	<i>Fidelity Enumeration</i>
	<i>Example</i>	transcription_fidelity=PREMIUM
priority	<i>Allowed Values</i>	<i>Priority Enumeration</i>
	<i>Example</i>	priority=STANDARD

### Query String Parameters — Optional

Name	Details	
callback_url	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	callback_url=http%3A%2F%2Fdomain.com%2Fpath
	<i>Example</i>	callback_url=http%3A%2F%2Fdomain.com%2Fpath
options	<i>Allowed Values</i>	Stringified dictionary
	<i>Example</i>	options={"notes":"test","speaker_id":true}
	<i>Example</i>	options={"notes":"test","speaker_id":true}
target_language	<i>Allowed Values</i>	RFC 5646 Language code
	<i>Example</i>	target_language=de
	<i>Example</i>	target_language=de
turnaround_hours	<i>Allowed Values</i>	Integer
	<i>Example</i>	turnaround_hours=36
	<i>Example</i>	turnaround_hours=36

### Job Options

The following options can be provided as a stringified dictionary.

The resulting string will be the value of the *options* query parameter.

Example: options={"notes":"test\_note","speaker\_id":true}

Name	Details	
customer_approval_steps	<i>Allowed Values</i>	
	<i>Default Value</i>	
	<i>Example</i>	
	<i>Example</i>	
customer_approval_tool	<i>Allowed Values</i>	
	<i>Default Value</i>	
	<i>Example</i>	
	<i>Example</i>	
custom_metadata	<i>Allowed Values</i>	
	<i>Default Value</i>	
	<i>Example</i>	
	<i>Example</i>	



Name	
notes	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
return_iwp	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
generate_media_intelligence_iwp	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
speaker_id	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
audio_description	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
on_screen_text	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
music_lyrics	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>
custom_special_handling	<i>Allowed Values</i>
	<i>Default Value</i>
	<i>Example</i>

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId" : "Encoded_ ↪Task ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/perform_transcription?v=1
&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
```

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```
&job_id=64bea283eff6475ea6596027a6ba0929
&transcription_fidelity=PREMIUM&priority=STANDARD HTTP/1.1
Host: api.cielo24.com
```

**Example Response**

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "TaskId" : "41ec7d23fb4b45f9b48a13d0b7283bf2" }
```

## 4.15 Order Translation

Request that orders a **new** Translation language for a video that has been **previously** Transcribed and/or Translated. The New Job ID and job target language will be returned upon completion.

**HTTP Method**

**GET /api/job/translate**

**Query String Parameters - Required**

Name	Details	
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
target_languages	<i>Description</i>	The language(s) being ordered
	<i>Allowed Values</i>	URL Encoded String (see allowed languages for language code)
	<i>Example</i>	target_languages=fr%2Cde

**Query String Parameters - Optional**

Name	Details	
approve_uplevel	Mechanical, Premium, Caption Import Jobs must be upleveled before a Translation can be ordered. If ordering a translation on a Mechanical/Premium/Caption Import job this parameter becomes required	
	<i>Allowed Values</i>	yes, no, t, f, true, false
	<i>Example</i>	approve_uplevel=yes

**Example Requests**

```
GET /api/job/perform_transcription?v=1
&api_token=28beb5ecb23f498ea2e71efa49e0fd10
&job_id=f5b0a29c28804326ac6840863dfde14b
&target_languages=fr%2Cde
Host: api.cielo24.com
```

**Example Response**

```
HTTP/1.1 201 CREATED
Content-Type: application/json

{"translation_job_ids": ["91aa19d058aa42blac98339a24a36503"], "message": "Child_
↳ Translation Created for de. Child Translation already exists for fr"}
```

## 4.16 Get Transcript

Get the transcript file for a job. The job must have completed transcription before a transcript can be downloaded.

### HTTP Method

**GET** /api/job/get\_transcript

**Query String Parameters** — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Query String Parameters** — Optional

Name	Details	
create_paragraphs	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	create_paragraphs=true
elementlist_version	<i>Allowed Values</i>	ISO 8601 Date String
	<i>Default Value</i>	""
	<i>Example</i>	elementlist_version=2014-01-01
iwp_name	<i>Allowed Values</i>	String
	<i>Default Value</i>	""
	<i>Example</i>	iwp_name=MECHANICAL
emit_speaker_change_tokens_as	<i>Allowed Values</i>	String
	<i>Default Value</i>	">>"
	<i>Example</i>	emit_speaker_change_tokens_as=>>
newlines_after_paragraph	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	2
	<i>Example</i>	newlines_after_paragraph=3

Conti

Table 3 – continued from previous page

Name	Details	
newlines_after_sentence	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	0
	<i>Example</i>	newlines_after_sentence=1
remove_disfluencies	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	remove_disfluencies=false
mask_profanity	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	mask_profanity=true
remove_sounds_list	<i>Allowed Values</i>	<i>Sound Tag Enumeration</i>
	<i>Default Value</i>	[]
	<i>Example</i>	remove_sounds_list=["MUSIC"]
remove_sound_references	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	remove_sound_references=false
replace_slang	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	replace_slang=true
sound_boundaries	<i>Allowed Values</i>	Character Tuple
	<i>Default Value</i>	('[';'])
	<i>Example</i>	sound_boundaries=('[';'])
timecode_every_paragraph	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	timecode_every_paragraph=false
timecode_format	<i>Allowed Values</i>	String
	<i>Default Value</i>	[%H:%M:%S.%f]
	<i>Example</i>	timecode_format=[%H:%M:%S]
timecode_interval	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	0
	<i>Example</i>	timecode_interval=100
timecode_offset	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	0
	<i>Example</i>	timecode_offset=200
file_format	<i>Allowed Values</i>	String. One of [txt, html, pdf (coming s
	<i>Default Value</i>	txt
	<i>Example</i>	file_format=html

## Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	Transcript file as body →data
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/get_transcript?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: text/plain

[00:00:01]
First line of text.

[00:00:11]
Second line of text.
```

## 4.17 Get Caption

Get the caption file for a job. The job must have completed transcription before a caption can be downloaded.

### HTTP Method

**GET** /api/job/get\_caption

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929
caption_format	<i>Description</i>	The format of the caption file to return
	<i>Allowed Values</i>	<i>Caption Format Enumeration</i>
	<i>Example</i>	caption_format=SRT

Query String Parameters — Optional

Name	Details	
build_url	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	build_url=true
caption_words_min	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	1
	<i>Example</i>	caption_words_min=3
caption_by_sentence	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	caption_by_sentence=false
characters_per_caption_line	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	42
	<i>Example</i>	characters_per_caption_l
dfxp_header	<i>Allowed Values</i>	XML String
	<i>Default Value</i>	""
	<i>Example</i>	dfxp_header=<head></head>
disallow_dangling	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	disallow_dangling=true
display_effects_speaker_as	<i>Allowed Values</i>	String
	<i>Default Value</i>	Effects
	<i>Example</i>	display_effects_speaker_
display_speaker_id	<i>Allowed Values</i>	<i>Speaker ID Enumeration</i>
	<i>Default Value</i>	name
	<i>Example</i>	display_speaker_id=numbe
iwp_name	<i>Allowed Values</i>	String
	<i>Default Value</i>	""
	<i>Example</i>	iwp_name=MECHANICAL
elementlist_version	<i>Allowed Values</i>	ISO 8601 Date String
	<i>Default Value</i>	""
	<i>Example</i>	elementlist_version=2014
emit_speaker_change_tokens_as	<i>Allowed Values</i>	String
	<i>Default Value</i>	">>"
	<i>Example</i>	emit_speaker_change_toke
force_case	<i>Allowed Values</i>	<i>Case Enumeration</i>
	<i>Default Value</i>	""
	<i>Example</i>	force_case=lower
include_dfxp_metadata	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true

Table 4 – continued from previous page

Name	Details	
	<i>Example</i>	include_dfxp_metadata=fa
layout_target_caption_length_ms	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	5000
	<i>Example</i>	layout_target_caption_le
line_break_on_sentence	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	line_break_on_sentence=t
line_ending_format	<i>Allowed Values</i>	<i>Line Ending Enumeration</i>
	<i>Default Value</i>	“UNIX”
	<i>Example</i>	line_ending_format=OSX
lines_per_caption	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	2
	<i>Example</i>	lines_per_caption=3
mask_profanity	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	mask_profanity=true
maximum_caption_duration	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	None (no maximum)
	<i>Example</i>	maximum_caption_duration
merge_gap_interval	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	1000
	<i>Example</i>	merge_gap_interval=1500
minimum_caption_length_ms	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	None (no minimum)
	<i>Example</i>	minimum_caption_length_m
minimum_gap_between_captions_ms	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	None (no minimum)
	<i>Example</i>	minimum_gap_between_capt
qt_seamless	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	qt_seamless=true
remove_disfluencies	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	remove_disfluencies=fals
remove_sounds_list	<i>Allowed Values</i>	<i>Sound Tag Enumeration</i>
	<i>Default Value</i>	[]
	<i>Example</i>	remove_sounds_list=["MUS
remove_sound_references	<i>Allowed Values</i>	Boolean

Table 4 – continued from previous page

Name	Details	
	<i>Default Value</i>	true
	<i>Example</i>	remove_sound_references=
replace_slang	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	replace_slang=true
silence_max_ms	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	2000
	<i>Example</i>	silence_max_ms=1000
single_speaker_per_caption	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	single_speaker_per_capti
sound_boundaries	<i>Allowed Values</i>	Character Tuple
	<i>Default Value</i>	([';'])
	<i>Example</i>	sound_boundaries=('{' , '}
sound_threshold	<i>Allowed Values</i>	Integer
	<i>Default Value</i>	None
	<i>Example</i>	sound_threshold=5000
sound_tokens_by_caption	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	sound_tokens_by_caption=
sound_tokens_by_line	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	sound_tokens_by_line=tru
sound_tokens_by_caption_list	<i>Allowed Values</i>	<i>Sound Tag Enumeration</i>
	<i>Default Value</i>	["BLANK_AUDIO","MUSIC"]
	<i>Example</i>	sound_tokens_by_captio
sound_tokens_by_line_list	<i>Allowed Values</i>	<i>Sound Tag Enumeration</i>
	<i>Default Value</i>	["BLANK_AUDIO","MUSIC"]
	<i>Example</i>	sound_tokens_by_line_lis
speaker_on_new_line	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	true
	<i>Example</i>	speaker_on_new_line=fals
srt_format	<i>Allowed Values</i>	String
	<i>Default Value</i>	
	<i>Example</i>	srt_format=...
strip_square_brackets	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	strip_square_brackets=tr
utf8_mark		



Table 4 – continued from previous page

Name	Details	
	<i>Allowed Values</i>	Boolean
	<i>Default Value</i>	false
	<i>Example</i>	utf8_mark=true
replace_english_spelling	<i>Allowed Values</i>	String
	<i>Default Value</i>	
	<i>Example</i>	replace_english_spelling

### Responses

Returns requested caption file as body data, or if **build\_url** was set to true returns caption URL.

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	Caption file as body data
200	<i>Description</i>	Success
	<i>Contents</i>	{ "CaptionUrl": "Hosted_ ↪URL" }
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/get_caption?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929&caption_format=SRT HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: text/plain

1
00:02:17,440 --> 00:02:20,375
Some text on first line.

2
00:02:20,476 --> 00:02:22,501
More text on second line.
```

```
HTTP/1.1 200 OK
Content-Type: application/json

{ "CaptionUrl": "http://domain.com/path/file.srt" }
```

## 4.18 Get ElementList

Get the ElementList for a job. The job must have completed transcription before a caption can be downloaded.

### HTTP Method

**GET** /api/job/get\_elementlist

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

Query String Parameters — Optional

Name	Details	
elementlist_version	<i>Description</i>	The version of the ElementList to return
	<i>Allowed Values</i>	ISO 8601 Date String
	<i>Default Value</i>	None (the latest version is returned)
	<i>Example</i>	elementlist_version=2014-07-31T12:35:52Z
iwp_name	<i>Allowed Values</i>	String
	<i>Default Value</i>	None (the latest version is returned)
	<i>Example</i>	iwp_name=MECHANICAL

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted_↵ElementList. See <i>ElementList Format</i> for details.
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/get_elementlist?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

### Example Response

```

HTTP/1.1 200 OK
Content-Type: application/json

{
  "version" : 3,
  "start_time" : 1120,
  "end_time" : 774960,
  "language" : "EN_US",
  "segments" :
  [
    [
      {
        "sequences" :
        [
          [
            {
              "tokens" :
              [
                [
                  {
                    "interpolated" : false,
                    "start_time" : 1120,
                    "end_time" : 1470,
                    "value" : "topic",
                    "type" : 0,
                    "display_as" : "Topic",
                    "tags" : []
                  }
                ]
              ],
              "interpolated" : false,
              "start_time" : 1120,
              "end_time" : 1470,
              "confidence_score" : 1.0
            }
          ]
        ],
        "speaker_change" : false,
        "speaker_id" : false,
        "interpolated" : true,
        "start_time" : 1120,
        "end_time" : 3640
      }
    ],
    "speakers" : []
  ]
}

```

## 4.19 Get List of ElementLists

Gets the list of ElementLists for the job.

### HTTP Method

**GET** /api/job/list\_elementlists

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

## Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted list of <code>ElementList</code> versions. See <i>ElementList List Format</i> for details.
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

## Example Requests

```
GET /api/job/list_elementlists?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
```

## Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json

[{"iwp_name": "example",
  "version": "2014-07-31T12:35:52Z"}]
```

## 4.20 Aggregate Statistics

Get aggregate statistics for the user account. The statistics can be aggregated for the requester's account and/or its sub-accounts, grouped by week or month and filtered by a time range.

### HTTP Method

**GET** /api/job/aggregate\_statistics

Query String Parameters — Required

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f

Query String Parameters for filtering — Optional

Name	Details	
account_id	<i>Description</i>	
	<i>Allowed Values</i>	String
	<i>Example</i>	account_id=my_sub_account
metrics	<i>Description</i>	
	<i>Allowed Values</i>	JSON array of strings
	<i>Example</i>	metrics=["billable_minutes_total"]
group_by	<i>Description</i>	
	<i>Allowed Values</i>	["week", "month"]
	<i>Example</i>	group_by=month
start_date	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	start_date=2014-08-27T13:40:53
end_date	<i>Description</i>	
	<i>Allowed Values</i>	Date in ISO format.
	<i>Example</i>	end_date=2014-08-27T13:40:53

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	JSON formatted statistics. See below for details.
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests and Responses

```
GET /api/job/aggregate_statistics?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f HTTP/1.1
Host: api.cielo24.com
```

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "data": [
    /* When group_by is unspecified, data is aggregated into a single block */
    {
      "billable_minutes_total": 372,
      /* Note: Total = Foreign + English + Translation */
      "billable_minutes_foreign_transcription": 13,
      "billable_minutes_english_transcription": 340,
      "billable_minutes_translation": 19,
      /* Note: Total = Professional + Premium + Mechanical */
      "billable_minutes_professional": 323,
      "billable_minutes_premium": 6,
      "billable_minutes_mechanical": 43,
      "start_date": "2015-03-20T15:32:19.902607",
      "end_date": "2015-10-30T12:28:23.894872",
    }
  ]
}
```

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```

    ],
    "start_date": null,
    "end_date": null
  }

```

```

GET /api/job/aggregate_statistics?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f HTTP/
↪1.1
&metrics=["billable_minutes_total","billable_minutes_professional","billable_minutes_
↪english_transcription"]
&start_date=2015-03-26T11:36:09.237373&end_date=2015-05-01T11:35:46.993607&group_
↪by=week
Host: api.cielo24.com

```

```

HTTP/1.1 200 OK
Content-Type: application/json

{
  "data": [
    {
      "billable_minutes_professional": 4,
      "billable_minutes_total": 4,
      "billable_minutes_english_transcription": 4,
      "start_date": "2015-03-26T11:36:09.237373",
      "end_date": "2015-03-28T23:59:59.999999"
    },
    {
      "billable_minutes_professional": 10,
      "billable_minutes_total": 14,
      "billable_minutes_english_transcription": 14,
      "start_date": "2015-03-29T00:00:00",
      "end_date": "2015-04-04T23:59:59.999999"
    },
    {
      "billable_minutes_professional": 15,
      "billable_minutes_total": 25,
      "billable_minutes_english_transcription": 17,
      "start_date": "2015-04-05T00:00:00",
      "end_date": "2015-04-11T23:59:59.999999"
    },
    {
      "billable_minutes_professional": 17,
      "billable_minutes_total": 18,
      "billable_minutes_english_transcription": 15,
      "start_date": "2015-04-12T00:00:00",
      "end_date": "2015-04-18T23:59:59.999999"
    },
    {
      "billable_minutes_professional": 10,
      "billable_minutes_total": 10,
      "billable_minutes_english_transcription": 10,
      "start_date": "2015-04-19T00:00:00",
      "end_date": "2015-04-25T23:59:59.999999"
    },
    {
      "billable_minutes_professional": 38,
      "billable_minutes_total": 38,

```

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```

        "billable_minutes_english_transcription": 38,
        "start_date": "2015-04-26T00:00:00",
        "end_date": "2015-05-01T11:35:46.993607"
    },
    ],
    "start_date": "2015-03-26T11:36:09.237373",
    "end_date": "2015-05-01T11:35:46.993607"
}

```

## 4.21 Request Pre-signed Upload URL

Generates special expirable URL for direct media content upload. Use this endpoint when you need to upload local files. For media where a public URL is available, consider using the “add\_media\_url” endpoint instead. After calling this endpoint, you will receive a signed URL in the response. The next step is to perform a “PUT” request to this URL. When your upload is complete, perform the standard “POST” request to the “perform\_transcription” endpoint to begin processing. URLs have a lifetime of 48 hours.

### HTTP Method

**GET** /api/job/request\_upload\_url (from URL)

**POST** /api/job/request\_upload\_url (from local file)

**Query String Parameters** — Required (always)

Name	Details	
v	<i>Description</i>	The version of the API to use
	<i>Allowed Values</i>	1
	<i>Example</i>	v=1
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job to which media is added
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

**Query String Parameters** — Required (when adding media from URL)

Name	Details	
media_url	<i>Description</i>	The URL from which media will be obtained
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	media_url=http%3A%2F%2Fwww.domain.com%2Fvideo.mp4

**Request Body** — (when adding media from local file)

Name	Details	
not applicable	<i>Description</i>	Raw binary of a media file
	<i>Allowed Values</i>	not applicable
	<i>Example</i>	not applicable

**HTTP Headers** — Required (when uploading LARGE media files)

Name	Details	
Content-Length	<i>Description</i>	File size (in bytes)
	<i>Allowed Values</i>	Integer
	<i>Example</i>	645809838

### Responses

HTTP Code	Details	
200	<i>Description</i>	Success
	<i>Contents</i>	<pre>{   "TaskId" : "Encoded_ ↪Task ID" }</pre>
400	<i>Description</i>	An error occurred
	<i>Contents</i>	Error description (see <i>Error Format</i> for details)

### Example Requests

```
GET /api/job/request_upload_url?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
&media_url=http%3A%2F%2Fwww.domain.com%2Fvideo.mp4 HTTP/1.1
Host: api.cielo24.com
```

```
POST /api/job/request_upload_url?v=1&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929 HTTP/1.1
Host: api.cielo24.com
Content-Length: 645809838
Body: raw binary
```

### Example Response

```
HTTP/1.1 200 OK
Content-Type: application/json
{ "upload_url" : "signed-url" }
```

## 4.22 Uplevel Job

Request that orders Second Pass to be applied to a First Pass or Mechanical Job. The New Job ID will be returned upon completion

### HTTP Method

**GET** /api/job/uplevel

Query String Parameters - Required



Name	Details	
api_token	<i>Description</i>	The API token used for this session
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	api_token=7ca5dc5c7cce449fb0fff719307e8f5f
job_id	<i>Description</i>	The ID of the job
	<i>Allowed Values</i>	Hex String
	<i>Example</i>	job_id=64bea283eff6475ea6596027a6ba0929

### Query String Parameters - Optional

Name	Details	
speaker_id	Overrides account setting for choosing speaker_id workflow.	
	<i>Allowed Values</i>	“yes” or “no”
	<i>Example</i>	speaker_id=yes
priority	Overrides the original Job’s priority	
	<i>Allowed Values</i>	STANDARD, CRITICAL, PRIORITY, HIGH, ECONOMY
	<i>Example</i>	priority=CRITICAL
timing	Overrides account setting for choosing timing workflow.	
	<i>Allowed Values</i>	“yes” or “no”
	<i>Example</i>	timing=no
requestor	Adds Requestor ID or Name to the job metadata	
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	requestor=batman999
reference	Adds Batch/Order Reference ID to the job metadata	
	<i>Allowed Values</i>	URL Encoded String
	<i>Example</i>	reference=ea3cea0e6d5f4e1f9cc43d30781ee302
caption_import_as_fp	Boolean value for upleveling caption import workflow as first pass (default value is False)	
	<i>Allowed Values</i>	yes, true, t, no, false, f
	<i>Example</i>	caption_import_as_fp=t

### Example Requests

```
GET /api/job/perform_transcription?v=1
&api_token=7ca5dc5c7cce449fb0fff719307e8f5f
&job_id=64bea283eff6475ea6596027a6ba0929
Host: api.cielo24.com
```

### Example Response

```
HTTP/1.1 201 CREATED
Content-Type: application/json

{"upleveled_job_id": "e79fe9efa9294cdeb14ee586248a557c", "upleveled_workflow":
↪ "MechFP 2nd Pass Only"}
```



Below are descriptions of the formats and enumeration types used in cielo24 API.

## 5.1 JSON Formats

Below are the descriptions of the formats used in cielo24 API.

### 5.1.1 Job Info Format

The following defines the Job Info in JSON format:

```
{
  "JobId" : "<Guid HexString>",
  "JobName" : "<String>",
  "MediaLengthSeconds" : "<Float>",
  "ExternalID" : "<String (dependant on third-party integrations)>",
  "Priority" : "<Priority Enum>",
  "Fidelity" : "<Fidelity Enum>",
  "JobStatus" : "<JobStatus Enum>",
  "Options" : {
    "<JobConfigOption>" : "<Value>"
    ...
  },
  "ReturnTargets" : {
    "<ReturnTargetName>" : "<ReturnTargetValue>",
    ...
  },
  "SourceLanguage" : "<RFC 5646 Language Code>",
  "TargetLanguage" : "<RFC 5646 Language Code>",
  "CreationDate" : "<ISO 8601 Date String>",
  "StartDate" : "<ISO 8601 Date String>",
  "DueDate" : "<ISO 8601 Date String>",
```

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```

"CompletedDate" : "<ISO 8601 Date String>",
"ReturnDate": "<ISO 8601 Date String>",
"AuthorizationDate": "<ISO 8601 Date String>",
"JobDifficulty" : "<JobDifficulty Enum>"
}

```

Related: *Priority Enumeration, Fidelity Enumeration, Job Status Enumeration, JobDifficulty Enumeration* .

## 5.1.2 Job List Format

The following defines the Job List in JSON format:

```

{
  "Username" : "<String>",
  "ActiveJobs" :
  [
    "List of Jobs (see below)"
  ]
}

```

## 5.1.3 Job Format

The following defines the Job in JSON format:

```

{
  "JobId" : "<Guid HexString>",
  "JobName" : "<String>",
  "Username": "<String>",
  "MediaLengthSeconds" : "<Float>",
  "ExternalID" : "<String (dependant on third-party integrations)>",
  "Priority" : "<Priority Enum>",
  "Fidelity" : "<Fidelity Enum>",
  "JobStatus" : "<JobStatus Enum>",
  "SourceLanguage" : "<RFC 5646 Language Code>",
  "TargetLanguage" : "<RFC 5646 Language Code>",
  "CreationDate" : "<ISO 8601 Date String>",
  "StartDate" : "<ISO 8601 Date String>",
  "DueDate" : "<ISO 8601 Date String>",
  "CompletedDate" : "<ISO 8601 Date String>",
  "ReturnDate": "<ISO 8601 Date String>",
  "AuthorizationDate": "<ISO 8601 Date String>",
  "JobDifficulty": "<JobDifficulty Enum>",
  "Options" : {
    "<JobConfigOption>" : "<Value>"
    ...
  },
  "ReturnTargets" : {
    "<ReturnTargetName>" : "<ReturnTargetValue>",
    ...
  }
}

```

Related: *Fidelity Enumeration, Priority Enumeration, Job Status Enumeration, JobDifficulty Enumeration* .

### 5.1.4 Error Format

The following defines the Error Output in JSON format:

```
{
  "ErrorType" : "<ErrorType Enum>",
  "ErrorComment" : "<String>"
}
```

Related: *Error Type Enumeration*.

### 5.1.5 ElementList List Format

The following defines the ElementList list in JSON format:

```
[{
  "iwp_name" : "<String>",
  "version" : "<ISO 8601 Date String>"
}]
```

## 5.2 ElementList Format

An ElementList is JSON encoded data that contains words, timing, and some metadata of a transcript. The JSON data structures that comprise an ElementList are defined below. All API calls expect and return ElementList version 2 data structures. An example ElementList can be found [here](#).

### 5.2.1 JSON Definitions

**ElementList:**

```
{
  /* The ElementList format version. Currently 2. */
  "version" : "<Integer>",

  /* The start time of the ElementList relative to the media associated with it.
   * Typically this is 0. */
  "start_time" : "<Integer (milliseconds)>",

  /* The end time of the ElementList relative to the media associated with it.
   * Typically this is the length of the media. */
  "end_time" : "<Integer (milliseconds)>",

  /* The language of the ElementList. */
  "language" : "<String (RFC 5646 Language Code)>",

  /* A list of segments (see definition below).
   * This variable is required, but can contain an empty list. */
  "segments" : [<Segment>],

  /* A list of speakers (see definition below).
   * This variable is optional. */
  "speakers" : [<Speaker>],
```

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```

/* A dictionary of keywords (see definition below).
 * This variable is optional. */
"keywords" : { "<keyword_value>" : "<Keyword>", },

/* A dictionary of topics (see definition below).
 * This variable is optional. */
"topics" : { "<topic_name>" : "<Topic>", },

/* A dictionary of entities (see definition below).
 * This variable is optional. */
"entities" : { "<entity_name>" : "<Entity>", }
}

```

**Speaker:**

```

{
  /* The speaker's name.
   * This variable is required, but it can be empty. */
  "name" : "<String>",

  /* The speaker's identifier. Sequential number starting from 1.
   * This variable is required and it cannot be empty. */
  "id" : "<Integer>",

  /* The speaker's gender (MALE, FEMALE or UNKNOWN).
   * This variable is required, but it can be empty. */
  "gender" : "<SpeakerGender Enum>"
}

```

Related: *Speaker Gender Enumeration.***Segment:**

```

{
  /* If true, this segment is spoken by a different speaker than the previous_
  ↪segment. */
  "speaker_change" : "<Boolean>",

  /* The identifier of this segment's speaker. The speaker must be
   * in the ElementList's speakers list. This variable is optional. */
  "speaker_id" : "<Integer>",

  /* Reserved for future use. This variable is optional. */
  "interpolated" : "<Boolean>",

  /* The start time of the segment relative to the media associated with it. */
  "start_time" : "<Integer (milliseconds)>",

  /* The end time of the segment relative to the media associated with it. */
  "end_time" : "<Integer (milliseconds)>",

  /* A list of sequences (see definition below).
   * This variable is required, but can contain an empty list. */
  "sequences" : [<Sequence>],

  /* Reserved for future use. This variable is optional. */
}

```

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```
"style": "<String>"
}
```

**Sequence:**

```
{
  /* Reserved for future use. This variable is optional. */
  "interpolated" : "<Boolean>",

  /* The start time of the sequence relative to the media associated with it. */
  "start_time" : "<Integer (milliseconds)>",

  /* The end time of the sequence relative to the media associated with it. */
  "end_time" : "<Integer (milliseconds)>",

  /* Reserved for future use. This variable is optional. */
  "confidence_score" : "<Float>",

  /* A list of tokens (see definition below).
   * This variable is required, but can contain an empty list. */
  "tokens" : [<Token>],

  /* Reserved for future use. This variable is optional. */
  "style": "<String>"
}
```

**Token:**

```
{
  /* If true, the timing for this token has been interpolated.
   * If false, the timing for this token has been generated
   * by an ASR or human. */
  "interpolated" : "<Boolean>",

  /* The start time of the token relative to the media that it is associated with.
  ↪ */
  "start_time" : "<Integer (milliseconds)>",

  /* The end time of the token relative to the media that it is associated with. */
  "end_time" : "<Integer (milliseconds)>",

  /* The string value of the token. Should always be lowercase. */
  "value" : "<String>",

  /* The type of token. */
  "type" : "<TokenType Enum>",

  /* The display value of the token.
   * May be mixed case or otherwise different than the word value. */
  "display_as" : "<String>",

  /* A list of tags. */
  "tags" : [<Tag Enum>],

  /* Reserved for future use. This variable is optional. */
  "style": "<String>"
}
```

Related: *Token Type Enumeration, Sound Tag Enumeration.*

**Entity, Topic and Keyword:**

The entity/keyword/topic portions of the ElementList contain metadata related to the contents of the ElementList.

---

**Note:** The time ranges for the meta data may not exactly match token or segment boundaries.

---

**Note:** The text of some entities/keywords/topics may have been inferred by the content of the transcript and may not actually appear in the ElementList.

---

**Note:** The actual entity/keyword/topic is the “key” in the dictionary. It is always lowercase and will not be duplicated. The following data construct is the “value” associated with the “key”.

---

**Note:** The display\_name may differ from the “key”, typically in capitalization, but sometimes there are other differences.

---

```
"keyword (key)": {
  /* The display value of the entity/keyword/topic.
   * May be mixed case or otherwise different than the key value. */
  "display_name": "<String>",

  /* A URL to an external resource related to this entity/keyword/topic. */
  "url": "<String (URL)>",

  /* A list of time ranges to which the entity/keyword/topic is related. */
  "time_ranges": [
    {
      "start_time": "<Integer (milliseconds)>",
      "end_time": "<Integer (milliseconds)>"
    },
  ]
}
```

## 5.2.2 Additional Notes

1. All times are in whole milliseconds (no decimal places) referenced from the start of the media.
2. The times of segment, sequences, and tokens are not permitted to overlap.
3. All times must be positive.
4. Zero duration segment, sequences, and tokens are not permitted.
5. The *ENDS\_SENTENCE* tag should be placed in the token for punctuation that ends the sentence. Typically this is a period, question mark, or exclamation point. However, it can be any valid token.
6. There should be only one sentence per segment.
7. There should be only one speaker per segment.



8. Sequences should contain tokens that should not be separated by whitespace, such as a word and the punctuation associated with it.

## 5.3 Enumeration Types

Enumeration types used in cielo24 API.

### 5.3.1 Error Type Enumeration

### 5.3.2 Job Status Enumeration

### 5.3.3 Priority Enumeration

### 5.3.4 Fidelity Enumeration

### 5.3.5 JobDifficulty Enumeration

### 5.3.6 Caption Format Enumeration

### 5.3.7 Token Type Enumeration

### 5.3.8 Sound Tag Enumeration

### 5.3.9 Speaker ID Enumeration

### 5.3.10 Speaker Gender Enumeration

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## CHAPTER 6

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