

## Docoloc REST-API v1 – with api key

The base url of the API is <https://www.docoloc.de/rv1> and all following paths are relative to this base. To use this API an api key is required. An api key can be generated in your account on our websites when you are logged in. The api key needs to be provided within the x-doco-apikey-Header for each request.

### General

If the x-doco-apikey-Header is missing or the given api key is not valid the following responses may occur for any request:

Statuscode	Body
400	{"message":"Access denied, session or api key is misssing"}
401	{"message":"Access denied, invalid api key"}

### Jobs

You can get a list of all jobs in your account with the request

Request	Path	Header	Body
GET	/jobs	x-doco-apikey:<apikey>	

and you will receive an array of all jobs in your account:

Statuscode	Body
200	{"jobs":[{"id":<fid>, "name":<Name>, "url":<URL>, "email":<E-Mail>, "type":<Mediatype>, "size":<Bytes>, "time":<Timestamp>, "pages":<Pages>, "rate":<Docoloc rate>, "progress":<Progress>, "status":<waiting running finished error>}, ...]}

You can request information about a single job by using its id

Request	Path	Header	Body
GET	/jobs/<id>	x-doco-apikey:<apikey>	

and you will receive:

Statuscode	Body
200	{"job":{"id":<fid>, "name":<Name>, "url":<URL>, "email":<E-Mail>, "type":<Mediatype>, "size":<Bytes>, "time":<Timestamp>, "pages":<Pages>, "rate":<Docoloc rate>, "progress":<Progress>, "status":<waiting running finished error>}}

If the given ID does not exist, you will receive

Statuscode	Body
404	{"message":"Job <ID> does not exists."}

In case that a submitted document could not be checked, i.e. because of a corrupted file or because no text could be extracted, the status will have the value `error`. In case of normal operation the status will firstly be `waiting`, then `running`, and finally `finished`.

You can submit a new job by using

Request	Path	Header	Body
POST	/jobs	x-doco-apikey:<apikey>, X-Name:<Name>, Content-Type:<type>, X-URL:<url>, X-E-Mail:<email>, X-Lang:<de en fr>, X-PrivateStorage:<1>, X-Demo:<1>	<data>

The Headers X-Name, X-URL, X-E-Mail, X-Lang, X-PrivateStorage, X-Demo are optional. and the body contains the document. If a url is given in X-URL and the body of the message is empty, the document will be loaded from the given URL. If the header X-PrivateStorage is set to 1 and your account has a private area, the submitted document will be stored in private area. If the header X-Demo is used, only a minimal demo plagiarism search is done. The header X-Lang defines the language of the report created. It defaults to german (de) if not set and to english (en) if set to something not supported.

Possible responses are

Statuscode	Body
400	{"message":"Cannot load from given URL!"}
400	{"message":"No files uploaded or no valid URL given!"}
500	{"message":"An unexpected error occurred, please try again later!"}
200	{"id":<id of the newly created job>}

A single job can be deleted by

Request	Path	Header	Body
DELETE	/jobs/<id>	x-doco-session:<sessionkey> or x-doco-apikey:<apikey>	

and will return either of the following responses

Statuscode	Body
404	{"message":"Job does not exist."}
200	

By using

Request	Path	Header	Body
DELETE	/jobs	x-doco-session:<sessionkey> or x-doco-apikey:<apikey>	{"days":<Number of days>}

or

Request	Path	Header	Body
DELETE	/jobs?days=<Number of days>	x-doco-session:<sessionkey> or x-doco-apikey:<apikey>	

all jobs older than the given number of days will be deleted and you will get

Statuscode	Body
200	{"deleted":<Number of deleted jobs>}

To request the report of a finished job you can use

Request	Path	Header	Body
GET	/report/<id>	x-doco-session:<sessionkey> or x-doco-apikey:<apikey>	

and will get one of the following responses

Statuscode	Body
404	{"message": "The requested report does not exist!"}
200	<data>

In case of success the HTTP-Header Content-Disposition: attachment; filename="<name>"; filename\*=utf-8' '<name> will be set accordingly.