

# CROAMS REST API

## Overview

Api for communication with AMS CRO processes

## Version information

Version : 2.1

## URI scheme

BasePath : /

## Tags

- config : Namespace for config changes
- processes : Namespace of processes
- processes : Namespace of processes
- processes : Namespace of processes
- results : Namespace of results of processes

## Consumes

- `application/json`

## Produces

- `application/json`

## Paths

### POST /config/lvcsr/vocabulary

#### Parameters

| Type  | Name                              | Description  | Schema  |
|-------|-----------------------------------|--------------|---------|
| Query | <b>augment</b><br><i>optional</i> | Not new word | boolean |

| Type  | Name                               | Description                                     | Schema  |
|-------|------------------------------------|---|---------|
| Query | <b>new</b><br><i>optional</i>      | New word or not                                 | boolean |
| Query | <b>phonetic</b><br><i>optional</i> | Phonetic transcription example: kolemvidák      | string  |
| Query | <b>phrase</b><br><i>optional</i>   | What is shown in translated text example: KOLVK | string  |
| Query | <b>station</b><br><i>optional</i>  | Station name                                    | string  |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- config

# GET /config/lvcsr/vocabulary

## Parameters

| Type  | Name                               | Description                                     | Schema |
|-------|------------------------------------|---|--------|
| Query | <b>phonetic</b><br><i>optional</i> | Phonetic transcription example: kolemvidák      | string |
| Query | <b>phrase</b><br><i>optional</i>   | What is shown in translated text example: KOLVK | string |
| Query | <b>station</b><br><i>optional</i>  | Station name                                    | string |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- config

# POST /processes/OnDemand

## Description

Runs new onDemand process

## Parameters

| Type  | Name  | Description                         | Schema                     |
|-------|---|-------------------------------------|----------------------------|
| Query | <b>diarization</b><br><i>required</i>         | true/false                          | boolean                    |
| Query | <b>gender_detection</b><br><i>required</i>    | true/false                          | boolean                    |
| Query | <b>machine_name</b><br><i>optional</i>        | Machine name(s)                     | < string > array(csv)      |
| Query | <b>named_opts</b><br><i>optional</i>          |                                     | < string ><br>array(multi) |
| Query | <b>rec_start_time</b><br><i>optional</i>      | Start time of recording             | string                     |
| Query | <b>save_to_server</b><br><i>required</i>      | true/false                          | boolean                    |
| Query | <b>search_for_speakers</b><br><i>required</i> | true/false                          | boolean                    |
| Query | <b>source</b><br><i>required</i>              | Path to file or URL                 | string                     |
| Query | <b>speaker_detection</b><br><i>required</i>   | Speaker identification (true/false) | boolean                    |
| Query | <b>speakers</b><br><i>optional</i>            | IDs of speakers                     | < integer ><br>array(csv)  |
| Query | <b>start_time</b><br><i>optional</i>          | Start time in ISO8061               | string                     |
| Query | <b>station</b><br><i>optional</i>             | Station name                        | string                     |

| Type  | Name  | Description   | Schema                |
|-------|---|---|-----------------------|
| Query | <b>transcription</b><br><i>required</i>     | Just transcription of recording (true/false)            | boolean               |
| Query | <b>type_of_recording</b><br><i>required</i> | Recording type (studio, phone_call, external_recording) | string                |
| Query | <b>vocabularies</b><br><i>optional</i>      | Names of vocabularies                                   | < string > array(csv) |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# GET /processes/OnDemand

## Description

Returns status of all OnDemand processes or status of single process according to given taskId

## Parameters

| Type  | Name                                   | Description                    | Schema  | Default |
|-------|--|--------------------------------|---------|---------|
| Query | <b>all_tasks</b><br><i>optional</i>    | Tasks with all states provided | boolean | "false" |
| Query | <b>machine_name</b><br><i>optional</i> | Machine name                   | string  |         |
| Query | <b>task_id</b><br><i>optional</i>      | Id of task                     | string  |         |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# PUT /processes/OnDemand

## Parameters

| Type  | Name                              | Description                                     | Schema |
|-------|-----------------------------------|---|--------|
| Query | <b>action</b><br><i>required</i>  | Action to process                               | string |
| Query | <b>task_id</b><br><i>required</i> | Process identifier                              | string |
| Query | <b>time</b><br><i>optional</i>    | Start time of action of live process in ISO8061 | string |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# POST /processes/archive

## Description

Runs new archive process with given parameters

## Parameters

| Type  | Name  | Description  | Schema                     |
|-------|---|--|----------------------------|
| Query | <b>diarization</b><br><i>required</i>         | true/false   | boolean                    |
| Query | <b>filename</b><br><i>optional</i>            | Name of file with relative path for execution            | string                     |
| Query | <b>gender_detection</b><br><i>required</i>    | true/false   | boolean                    |
| Query | <b>machine_name</b><br><i>optional</i>        | Machine name   | string                     |
| Query | <b>named_opts</b><br><i>optional</i>          |  | < string ><br>array(multi) |
| Query | <b>rec_end_time</b><br><i>optional</i>        | Stop analyzing recordings at this datetime in ISO8061    | string                     |
| Query | <b>rec_start_time</b><br><i>optional</i>      | Start analyzing recordings from this datetime in ISO8061 | string                     |
| Query | <b>save_to_server</b><br><i>required</i>      | true/false   | boolean                    |
| Query | <b>search_for_speakers</b><br><i>required</i> | true/false   | boolean                    |
| Query | <b>speaker_detection</b><br><i>required</i>   | Speaker identification (true/false)                      | boolean                    |
| Query | <b>speakers</b><br><i>optional</i>            | IDs of speakers  | < integer ><br>array(csv)  |
| Query | <b>start_time</b><br><i>optional</i>          | Start time of archive task in ISO8061                    | string                     |
| Query | <b>station_name</b><br><i>optional</i>        | Station name   | string                     |
| Query | <b>transcription</b><br><i>required</i>       | Just transcription of recording (true/false)             | boolean                    |
| Query | <b>vocabularies</b><br><i>optional</i>        | Names of vocabularies                                    | < string > array(csv)      |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# GET /processes/archive

## Description

Returns list of all active processes of archive if task\_id is null, otherwise returns selected process of archive according to given task\_id

## Parameters

| Type  | Name                                   | Description                    | Schema  | Default |
|-------|--|--------------------------------|---------|---------|
| Query | <b>all_tasks</b><br><i>optional</i>    | Tasks with all states provided | boolean | "false" |
| Query | <b>machine_name</b><br><i>optional</i> | Machine name                   | string  |         |
| Query | <b>task_id</b><br><i>optional</i>      | Id of task                     | string  |         |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# PUT /processes/archive

## Parameters

| Type  | Name                               | Description                                  | Schema |
|-------|------------------------------------|--|--------|
| Query | <b>action</b><br><i>required</i>   | Action to process                            | string |
| Query | <b>task_id</b><br><i>required</i>  | Process identifier                           | string |
| Query | <b>time_iso</b><br><i>optional</i> | Time of action of archive process in ISO8061 | string |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# POST /processes/live

## Parameters

| Type  | Name                                   | Description                           | Schema                     |
|-------|--|---------------------------------------|----------------------------|
| Query | <b>end_time</b><br><i>optional</i>     | End time of live process in ISO8061   | string                     |
| Query | <b>machine_name</b><br><i>optional</i> | Machine name                          | string                     |
| Query | <b>named_opts</b><br><i>optional</i>   |                                       | < string ><br>array(multi) |
| Query | <b>start_time</b><br><i>optional</i>   | Start time of live process in ISO8061 | string                     |
| Query | <b>station_name</b><br><i>required</i> | Live stream channel identifier        | string                     |

## Responses



| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

## GET /processes/live

### Description

Returns status of all live processes or status of single process according to given taskId

### Parameters

| Type  | Name                                   | Description                    | Schema  | Default |
|-------|--|--------------------------------|---------|---------|
| Query | <b>all_tasks</b><br><i>optional</i>    | Tasks with all states provided | boolean | "false" |
| Query | <b>machine_name</b><br><i>optional</i> | Machine name                   | string  |         |
| Query | <b>task_id</b><br><i>optional</i>      | Id of task                     | string  |         |

### Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

## PUT /processes/live

## Parameters

| Type  | Name                               | Description                               | Schema |
|-------|------------------------------------|---|--------|
| Query | <b>action</b><br><i>required</i>   | Action to process                         | string |
| Query | <b>task_id</b><br><i>required</i>  | Process identifier                        | string |
| Query | <b>time_iso</b><br><i>optional</i> | Time of action of live process in ISO8061 | string |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- processes

# GET /results/info

## Description

Returns results satisfying parameters. Returns either all results for active task if `task_id` is supplied, or returns results for 'station' and 'program\_id' in the period from 'start\_time' to 'end\_time' independently on task.

## Parameters

| Type  | Name                                 | Description                                  | Schema |
|-------|--------------------------------------|--|--------|
| Query | <b>end_time</b><br><i>optional</i>   | Time range "till" in ISO8061                 | string |
| Query | <b>folder</b><br><i>optional</i>     | Folder name (Live, Archive, OnDemand)        | string |
| Query | <b>format</b><br><i>optional</i>     | Format of the result output data, e.g. "vtt" | string |
| Query | <b>start_time</b><br><i>optional</i> | Time range "since" in ISO8061                | string |

| Type  | Name                              | Description                                       | Schema |
|-------|-----------------------------------|---|--------|
| Query | <b>state</b><br><i>optional</i>   | State of result (brut, ...)                       | string |
| Query | <b>station</b><br><i>optional</i> | Identifier of station                             | string |
| Query | <b>task_id</b><br><i>optional</i> | Returns results for process with selected task_id | string |

## Responses

| HTTP Code | Description           | Schema     |
|-----------|-----------------------|------------|
| 200       | Success               | No Content |
| 400       | Validation Error      | No Content |
| 500       | Internal server error | No Content |

## Tags

- results