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| Chronus Mentor Connection Provisioning API v2 User Guide |
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# Introduction

The Chronus Mentor Connection Provisioning API provides REST-based APIs for other applications to perform CRUD (create, read, update and delete) operations on authorized mentoring programs.

The interface offers the following APIs:

|  |  |
| --- | --- |
| API | Capability Provided |
| index | List connections in the program |
| show | Get details about specific connection |
| create | Add a new connection |
| update | Update connection (including status, duration) |
| destroy | Remove connection permanently |

The AuthToken of an administrator account of the mentor program is required for authentication. The API calls return data in XML, JSON or HTML formats as specified by the caller.

# List connections in the program

**Method: [HTTP GET]**

*Index*

**Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Required | Possible Values | Description |
| email | No | String with email address format | *Retrieves connections of user with the email address* |
| state | No | 0,1 (Default),2 | 0 - Connections which are in Draft state  1 - Connections which are active  2 - Connections which are terminated |

*When the optional parameters are not passed, the API will return all the active connections in the subprogram.*

**Output:**

*For each connection: connection\_id, name of connection, names of mentors, mentor\_ids, names of mentees, mentee\_ids. Returned in JSON or XML as requested by caller.*

**Samples:**

[https://mainprogram.chronus.com/p/subprogramname/api/v2/connections](https://mainprogram.chronus.com/p/subprogramname/api/v2/connections/12345)

[https://mainprogram.chronus.com/p/subprogramname/api/v2/ connections?](https://mainprogram.chronus.com/p/subprogramname/api/v2/%20connections)state=0

# Retrieve information about specific connection

**Method: [HTTP GET]**

*show*

**Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Required | Possible Values | Description |
| connection\_id | Yes | Integer | The unique identifier associated with the connection |
| activity\_report | No | 0 (Default), 1 | Indicates if connection activity report has to be retrieved. |
| profile | No | 0 (Default), 1 | Indicates if connection profile has to be retrieved |

**Output:**

*Connection\_id, name of connection, names of mentors, mentor\_ids, names of mentee, mentee\_ids, status, closed on, note, last activity on. Returned in JSON or XML as requested by caller.*

**Samples:**

<https://mainprogram.chronus.com/p/subprogramname/api/v2/connections/12345>

# Create new connection

**Method: [HTTP POST]**

*create*

**Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Required | Possible Values | Description |
| mentor\_email | Yes | String with email addresses comma separated | List of emails of all the mentors who needs be part of the connection |
| mentee\_email | Yes | String with email addresses comma separated | List of emails of all the mentees who needs be part of the connection |
| name | No | String |  |
| status | No | 0, 1 (Default) | 0 - Connection created as draft  1 - Connection is created and published |
| note | No | Text |  |
| template\_id | No | Integer (Id of the template) | Id of the template, which should be applied for the mentoring connection. If the parameter is left blank, the default template of the track will be applied. |

**Output:**

*connection\_id of newly created connection, mentee\_ids, mentor\_ids*

**Samples:**

<https://mainprogram.chronus.com/p/subprogramname/api/v2/connections?mentor_email=mentor@example.com&mentee_email=mentee@example.com>

# Update connection

**Method: [HTTP PUT]**

*update*

**Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Required | Possible Values | Description |
| connection\_id | Yes | Integer | The unique identifier associated with the connection |
| name | No | String |  |
| mentor\_email | No | String with email addresses comma separated | Updated list of emails of all the mentors who needs be part of the connection |
| mentee\_email | No | String with email addresses comma separated | Updated list of emails of all the mentees who needs be part of the connection |
| status | No | 1, 2 | 1 - To activate a closed connection  2 - To terminate an active connection |
| termination\_reason | Yes(If status is set to 2) | Text | This is the message that will be sent to the connection participants in case of termination |
| *profile[id]* | No | String |  |
| *expiry\_date* | No | Date | The format of the date has to be YYYYMMDD |
| *note* | No | Text |  |

**Output:**

*connection\_id, name of connection, names of mentors, mentee\_ids, names of mentee, mentor\_ids, status, closed on, note, last activity on. Returned in JSON or XML as requested by caller.*

**Samples:**

[https://mainprogram.chronus.com/p/subprogramname/api/v2/connections/12345?mentor\_email=newuser@example.com&profile[10]=female&profile[11]=Accounting,Finance&expiry\_date=20131231](https://mainprogram.chronus.com/p/subprogramname/api/v2/connections/12345?mentor_email=newuser@example.com%20&profile%5b10%5d=female&profile%5b11%5d=Accounting,Finance&expiry_date=20131231)

*Where 10 and 11 are profile field ids.*

# Remove connection

**Method: [HTTP DELETE]**

*destroy [Note that this action cannot be undone]*

**Input Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Required | Possible Values | Description |
| connection\_id | Yes | Integer | The unique identifier associated with the connection |

**Output:**

connection\_id *of removed connection*

**Samples:**

<https://mainprogram.chronus.com/p/subprogramname/api/v2/connections/12345>

# Get connection profile fields

**Method: [HTTP GET]**

*Index*

**Input Parameters:**

*None*

**Output:**

*For each profile field: id,label, type, choices(if any). Returned in JSON or XML as requested by caller.*

**Samples:**

[https://mainprogram.chronus.com/p/subprogramname/api/v2/connection\_profile\_fields](https://mainprogram.chronus.com/p/subprogramname/api/v2/connection_profile_fileds)

# List mentoring templates in the program

**Method: [HTTP GET]**

*Index*

**Input Parameters:**

*None*

**Output:**

*For each templates: id,name, description, duration. Returned in JSON or XML as requested by caller.*

**Samples:**

<https://mainprogram.chronus.com/p/subprogramname/api/v2/mentoring_templates>

# Error Descriptions

In case the Web Service encounters an error with the parameters passed in appropriate HTTP status code with error message (in XML, JSON or HTML specified by caller) will be returned. The most common errors returned by the interfaces are listed below.

|  |  |  |
| --- | --- | --- |
| Error | Description | HTTP Status Code |
| Connection not found | conenction\_id is not present in the Chronus database, this error is returned. | 404 |
| User not found | User with the email is not present in the Chronus database | 404 |
| Authorization failure |  | 403 |