Adapt REST API v1

Specification

# Overview

The Adapt REST API provides access to the recruitment functionality provided by an Adapt application. This document describes the standard API functionality that is available. However, Adapt can be customised to an individual client's requirements, including the API. This could be the modification of standard methods or the addition of new methods, in which case client specific API methods will be documented separately.

The Adapt REST API uses JSON for data exchange and where possible implements REST best practice with respect to response codes and content. This means that response codes indicate various error conditions with the response content providing additional detail. For example, a 2XX response code indicates that the functional request completed correctly, not just that Adapt received and processed the request.

# Definitions and data types

The Adapt REST API supports 4 types of requests.

GET requests are used to retrieve data from the Adapt system. The response contains full data schema for a record of requested type. INCLUDE request parameter is a parameter supported by the Adapt REST API which provides a possibility to optimise the data volume received in the response. If it is required to retrieve specific data then property(s) containing required data can be sent in INCLUDE parameter in the format URI?INCLUDE=PROP\_NAME\_1,PROP\_NAME\_2,…,PROP\_NAME\_N. PROP\_NAME\_N should be a name of a property which belongs to a data schema of a record of requested type.

POST requests are used to create a new record of a requested type, create a search result containing an array of records of certain type(s) in the system or link existing records. The document provides a list of required and optional fields for a record creation form per record type.

PUT requests are used to update existing records. The document describes only required fields and fields which cannot be cleared. The full list with data schema for a record is documented separately.

DELETE requests are used to delete records from the database, delete link between records or cancel events.

*Parameters types’ description*

|  |  |
| --- | --- |
| required | The value should be sent in URI or request body. The value cannot be 0, null or empty string |
| optional | The value can be sent or omitted. Empty value can be sent. |
| not empty | By meaning close to required type. The value cannot be sent as 0, null or empty string. On the contrary required type the tag can be omitted in the request body in which case the value on a record will not be updated. |
| automatic | The value is not required in the request body. It is auto populated by the system basing on other values sent. |
| unchangeable | The value cannot be updated on a record by a request |

*Data types supported*

|  |  |
| --- | --- |
| numeric | The value contains numbers only  numeric – the value is predefined. It can be the auto-generated ID of a record or the ID of an element of fixed list of possible values called “code”.  numeric xx.yy – the number containing xx numbers including precision containing yy numbers. For instance, 12.34 number type is described as numeric 4.2 |
| string | The value contains characters, numbers or other symbols.  string – the value is predefined, can contain one of possible options. The options are given in a field description.  string 1 – the value contains 1 symbol, used to store Yes/No values (“Y” for Yes, “N” for No)  string xx – the value contains up to xx characters/ numbers/ symbols. |

# Base URI

https://{AdaptServer}:{AdaptPort}/WebApp/api

This URI is the base URI for access to all the Adapt REST API methods.

# 1. Authentication

Before using any of the Adapt REST API methods your application must first authenticate itself. Authentication is performed by passing a user name and password to Adapt and receiving back a security token (SID). The SID should then be passed in the header of all subsequent requests. The SID is used to validate the request and also to execute it within an Adapt session context. When authenticating, additional information to initialise the session context must be passed that includes:

1. Adapt Profile
2. Locale
3. Time Zone
4. Date Format
5. Time Format

*Method Summary*

|  |  |
| --- | --- |
| [Logon](#_1.6_Arrange_an) | POST /domains/{DOMAIN\_NAME}/logon |

## 1.1 Logon

POST /domains/{DOMAIN\_NAME}/logon

Authenticate against an Adapt Domain to establish a session context and obtain an SID to be used in subsequent calls to the API. This must be performed before any other API calls are made. The SID returned on successful authentication must be passed to all subsequent API requests in the x-adapt-sid header variable of the request.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {DOMAIN\_NAME} | URI | required | The domain name of the domain to connect to. |

*Request Body*

{

"username": string 20,

"password": string 32,

"profile": string,

"locale": string,

"timezone": string,

"dateFormat": numeric,

"timeFormat": numeric

}

|  |  |  |  |
| --- | --- | --- | --- |
| username | body | required | Login of user to use for authentication |
| password | body | required | User's password |
| profile | body | required | Profile to use (e.g. CoreProfile) |
| locale | body | required | Locale to use (e.g. EN\_GB) |
| timezone | body | required | Time zone identifier (e.g. GMT) |
| dateFormat | body | required | Date format:  0 – default  1 – Long  2 – Medium  3 – Short |
| timeFormat | body | required | Time Format:  0 – Full  1 – Long  2 – Medium  3 – Short |

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successfully authenticated and the response body will contain the SID (see example below). |
| 401 Unauthorised | Username or password are invalid – unable to login. Response body contains ERROR\_MSG element with further detail. |
| 404 Not Found | Domain Profile specified was not found in the specified Adapt domain. Response body contains further details. |
| 422 Unprocessable | JSON contains data that is not valid. Response body contains further detail. For example, the locale specified is invalid. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/domains/MyDomain/logon>

Request Headers

Content-Type: application/json

Request Body

{

"username": "myuser",

"password": "mypassword",

"profile": "CoreProfile",

"locale": "EN\_GB",

"timezone": "GMT",

"dateFormat": 3,

"timeFormat": 3

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/domains/MyDomain/logon>

HTTP status: 200 OK

Content-Type: application/json

Response Body

{

"SID": "-781258615963667244"

}

# 2. Applications

Applications are a record of a candidate having been associated with a job in some way. An application reflects the progress of that association all the way from a longlist (appears on the web responses segment of a job) through to placement.

As recruitment activity takes place, the application is updated to reflect the current status of the candidate in relation to a job.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [List all Applications](#_1.2_List_all) | GET /v1/applications |
| [Retrieve an Existing Application](#_1.3_Retrieve_an) | GET /v1/applications/{APPLIC\_ID} |
| [Terminate an Application](#_1.4_Withdraw/Reject_an) | DELETE /v1/applications/{APPLIC\_ID} |
| [Arrange an interview](#_1.6_Arrange_an) | POST /v1/applications/{APPLIC\_ID}/interviews |
| [Make a Placement](#_1.5_Make_a) | POST /v1/applications/{APPLIC\_ID}/assignments |

## 2.1 List all Applications

GET /v1/applications?<query parameters>

Retrieve a list of all applications in the system. Additional query parameters in URI could be specified to fetch applications related to given Candidate or Job.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| cand={CAND\_ID} | query string | optional | The ID of the candidate to find applications associated with |
| job={JOB\_ID} | query string | optional | The ID of the job to find applications associated with |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “progress” element with the array of found applications. |
| 204 No Content | No applications have been found. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * Additional filter contains invalid/not existing entity ID   Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/applications?cand=123456>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/applications?cand=123456>

HTTP status: 200 OK

{"progress": [

{

"id": 789789,

"defaultValue": "82647525",

"availableRoles": ["SHORTLIST"],

...

},

{...} ]

}

*Example Unsuccessful Response*

GET <https://adaptserver:80/WebApp/api/v1/applications?cand=123456>

HTTP status: 400 Bad Request

{"ERROR\_MSG": [

"Candidate ID is invalid"

]

}

## 2.2 Retrieve an existing Application

GET /v1/applications/{APPLIC\_ID}

Retrieve an application entity from the system

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {APPLIC\_ID} | URI | required | The ID of the application which details to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified application entity details |
| 404 Not Found | The application ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET https://adaptserver:80/WebApp/api/v1/applications/789789

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/applications/789789>

HTTP status: 200 OK

{

"id": 789789,

"defaultValue": "82647525",

"availableRoles": ["SHORTLIST"],

"defaultRole": "SHORTLIST",

...

}

*Example Unsuccessful Response*

GET <https://adaptserver:80/WebApp/api/v1/applications/789789>

HTTP status: 404 Not Found

{"ERROR\_MSG": [

"Application ID is invalid"

]

}

## 2.3 Terminate an Application

DELETE /v1/applications/{APPLIC\_ID}

A candidate can choose to withdraw from the application process, or a client can reject a candidate having seen a CV or following an interview. The request body contains JSON describing whether the candidate or client are responsible for terminating the application and the reason why.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {APPLIC\_ID} | URI | required | The ID of the application that is to be withdrawn from/rejected |

*Request Body*

{

"SHORT\_GEN": {

"REJECTED\_BY": numeric,

"REJECTED\_RES": numeric

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| SHORT\_GEN.REJECTED\_RES | body | required | Code identifying the reason for the rejection. List of Rejected Reason codes can be found in Appendix A |
| SHORT\_GEN.REJECTED\_BY | body | required | Code identifying whether the application is being terminated by the candidate (8249543) or the client (8249545). |

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Application has been successfully terminated. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * REJECTED\_RES is invalid or not specified * REJECTED\_BY is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 403 Forbidden | You do not have permission to terminate the application. |
| 404 Not Found | The application ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/applications/789789>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"SHORT\_GEN":

{

"REJECTED\_RES": 8249205,

"REJECTED\_BY": 8249543

}

}

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/applications/789789>

HTTP status: 204 No Content

## 2.4 Arrange an Interview

POST /v1/applications/{APPLIC\_ID}/interviews

Arrange an interview for a candidate regarding a job a candidate applied for against previously shortlisted Candidate and send invitation emails to a Contact and a Candidate. The request body contains JSON with necessary data.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {APPLIC\_ID} | URI | required | The ID of the application which should be used to arrange an interview |

*Request Body*

{

"IV\_GEN": {

"IV\_CONT": numeric,

"STAGE": numeric,

"IV\_DATE": date,

"IV\_START": time,

"IV\_END": time,

"IV\_ADDRESS": numeric

},

"TELEPHONE": [{

"TEL\_NUMBER": string 30,

"OCC\_ID": string

}, {

"TEL\_NUMBER": string 30,

"OCC\_ID": string

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80,

"STREET2": string 80,

"LOCALITY": string 80,

"TOWN": string 50,

"COUNTY": string 50,

"POST\_CODE": string 9,

"COUNTRY": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| IV\_GEN.CONT | body | required | ID of a contact who will be an interviewer. It can be any Contact of a client – job owner by default. |
| IV\_GEN.STAGE | body | required | Code identifying the interview type. List of Interview Stage codes can be found in Appendix A |
| IV\_GEN.IV\_DATE | body | required | Interview date |
| IV\_GEN.IV\_START | body | required | Interview start time |
| IV\_GEN.IV\_END | body | required | Interview end time |
| IV\_GEN.IV\_ADDRESS | body | required | Code identifying the interview address. List of Interview Address codes can be found in Appendix A |
| TELEPHONE[<index>].TEL\_NUMBER | body | optional | Candidate’s or contact’s phone numbers. The numbers are required when an interview of Telephone Interview type is created. Candidate’s number should be sent in mobile occurrence, contact’s number – in work occurrence |
| TELEPHONE[<index>].OCC\_ID | body | optional | Mobile (“Mobile”) occurrence for candidate’s number, work (“Work”) – for contact’s number. |
| ADDRESS[0].OCC\_ID | body | optional | Primary (“Primary”) occurrence is used for the interview address. |
| ADDRESS[0].STREET1 | body | optional | Street line 1. The value is required if any address field is sent. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].STREET2 | body | optional | Street line 2. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].LOCALITY | body | optional | Locality. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].TOWN | body | optional | Town. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].COUNTY | body | optional | County. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].POST\_CODE | body | optional | Post code. The value is required when interview address is specified as Other (8256135). |
| ADDRESS[0].COUNTRY | body | optional | Country. The value is required when interview address is specified as Other (8256135). |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created interview. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The application ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| IV\_GEN.REFERENCE | body | The ID of created interview which can be used for further requests |
| IV\_GEN.IV\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/applications/123456>/interviews

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"IV\_GEN": {

"IV\_END": "16:10",

"IV\_START": "15:00",

"IV\_ADDRESS": 8249723,

"IV\_DATE": "16/10/16",

"IV\_CONT": 161015,

"STAGE": 159753

},

"ADDRESS": [{

"OCC\_ID": "Primary",

"STREET1": "Street 1",

"STREET2": "Street 2",

"LOCALITY": "Locality",

"COUNTY": "County",

"TOWN": "Town",

"POST\_CODE": "CA6 6DL",

"COUNTRY": 4979062

}],

"TELEPHONE": [{

"TEL\_NUMBER": "666-88-941",

"OCC\_ID": "Mobile"

},

{

"TEL\_NUMBER": "111-22-354",

"OCC\_ID": "Work"

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/applications/123456>/interviews

HTTP status: 201 Created

Response Body

{

"IV\_GEN": {

"REFERENCE": 8249151,

"IV\_ID": 17854485

}

}

## 2.5 Make a Placement

POST v1/applications/{APPLIC\_ID}/assignments

Place a candidate to a job. Adapt provides possibility to make 4 types of assignments, each type of assignment has its own set of required and specific fields. The type of assignment is defined by the system basing on type of a job an application entity is linked to.The request body contains JSON describing assignment details. There are some optional fields like rates, currency are copied from a job if they are not sent on assignment creation. If it is required to modify them on assignment creation stage they can be sent in the request body. Look into assignment entity specification for more details.

API v1 supports contract and temp regular assignments creation.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {APPLIC\_ID} | URI | required | The ID of the application which should be used to make a placement |

*Request Body - contract assignment required fields*

{

"ASSIG\_GEN": {

"PRIM\_JCAT\_AW": numeric,

"START\_DT": date,

"END\_DT": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2,

"RSN\_EXMPT\_AW": numeric,

"EXEMPT\_AW": string 1,

"STD\_HOURS": numeric 4.1,

"STD\_DAYS": numeric 4.1

},

"CASSIG\_GEN": {

"PAY\_PERIOD": numeric,

"CONT\_TYPE": numeric

}

}

*Request Body - temp regular assignment required fields*

{

"ASSIG\_GEN": {

"PRIM\_JCAT\_AW": numeric,

"START\_DT": date,

"END\_DT": date,

"START\_TM": time,

"END\_TM": time,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2,

"EXEMPT\_AW": string 1,

"RSN\_EXMPT\_AW": numeric

},

"SHIFT\_GEN": {

"PAID\_HRS": numeric 4.2

}

}

*Common fields for all types*

|  |  |  |  |
| --- | --- | --- | --- |
| ASSIG\_GEN.PRIM\_JCAT\_AW | body | required | Code identifying job category. List of Job Category codes can be found in Appendix A |
| ASSIG\_GEN.START\_DT | body | required | Assignment start date |
| ASSIG\_GEN.END\_DT | body | required | Assignment end date |
| ASSIG\_GEN.CONS1 | body | required | Assignment consultant ID (There can be up to 4 consultants. For more details see job specification) |
| ASSIG\_GEN.CONS1\_PERC | body | required | Assignment consultant’s percentage |
| ASSIG\_GEN.EXEMPT\_AW | body | required | Y/N value defining whether a candidate is AWR exempt |
| ASSIG\_GEN.RSN\_EXMPT\_AW | body | optional | Code identifying the reason of AWR exemption. This value is required when a candidate is AWR exempt. List of Reason for Exemption codes can be found in Appendix A |

*Contract assignment specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| ASSIG\_GEN.STD\_HOURS | body | required | Standard working hours per day |
| ASSIG\_GEN.STD\_DAYS | body | required | Standard working days per week |
| CASSIG\_GEN.PAY\_PERIOD | body | required | Code identifying pay period. List of Pay Period codes can be found in Appendix A |
| CASSIG\_GEN.CONT\_TYPE | body | required | Code identifying contract type. List of Contract Type codes can be found in Appendix A |

*Temp regular assignment specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| ASSIG\_GEN.START\_TM | body | required | Start time \* *(for Temp Regular – required, without remarks)* |
| ASSIG\_GEN.END\_TM | body | required | End time \* *(for Temp Regular – required, without remarks)* |
| SHIFT\_GEN.PAID\_HRS | body | required | Paid hours between start and end time |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created assignment |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 403 Forbidden | The request is invalid - a job related to the application ID has unsupported type (temp shift or permanent). Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The application ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| ASSIG\_GEN.REFERENCE | body | The ID of created assignment which can be used for further requests |
| ASSIG\_GEN.ASSIG\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request – contract assignment*

POST <https://adaptserver:80/WebApp/api/v1/applications/789789>/assignments

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"ASSIG\_GEN": {

"PRIM\_JCAT\_AW": 1307311,

"START\_DT": "01/10/15",

"END\_DT": "20/10/15",

"CONS1": 13071,

"CONS1\_PERC": 100,

"EXEMPT\_AW": "N",

"STD\_HOURS": 7,

"STD\_DAYS": 3

},

"CASSIG\_GEN": {

"PAY\_PERIOD": 8249169,

"CONT\_TYPE": 8249173

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/applications/789789>/assignments

HTTP status: 201 Created

Response Body

{

"ASSIG\_GEN": {

"REFERENCE": 8249151,

"ASSIG\_ID": 17854485

}

}

# 3. Assignments

Assignment is a record containing the details of candidate’s placement on a job position.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [Get an array of Assignments](#_3.1_Get_an) | GET /v1/assignments |
| [Retrieve an Existing Assignment](#_3.2_Retrieve_an) | GET /v1/assignments/{ASSIG\_ID} |

## 3.1 Get an array of Assignments

GET /v1/assignments?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of contract and temp regular assignments in the system. Additional query parameters could be specified to filter assignments. INCLUDE is supported.

Note, up to 50 records will be returned. Query parameters can be used to get a precise result set.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| candid={CAND\_ID} | query string | optional | The ID of the Candidate to find Assignments associated with |
| jobid={JOB\_ID} | query string | optional | The ID of the Job to find Assignments associated with |
| from={date-time} | query string | optional | The timestamp\* to find Assignments created after given date-time |
| to={date-time} | query string | optional | The timestamp\* to find Assignments created before given date-time |

\* timestamp format: ‘dd-mm-yyyy+HH:mm’ or ‘dd/mm/yyyy+HH:mm’ or ‘dd.mm.yyyy+HH:mm’

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “assignments” element with the array of found assignments. |
| 204 No Content | No assignments have been found. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * Additional filters contain invalid/not existing entity ID * Invalid timestamp format   Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/assignments?cand=123456&job=987987&from=20-05-2015+15:00&INCLIDE=ASSIG_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/assignments?job=123456>&job=987987&from=20-05-2015+15:00&INCLIDE=ASSIG\_GEN

HTTP status: 200 OK

{"assignments": [

{

"id": 789788,

"defaultValue": "Assignment Name",

"availableRoles": ["TMPR\_ASSIGN"],

"defaultRole": "TMPR\_ASSIGN",

"ASSIG\_GEN": {

...

},

{...} ]

}

## 3.2 Retrieve an existing Assignment

GET /v1/assignments/{ASSIG\_ID}?INCLUDE=<property name(s)>

Retrieve an assignment entity. INCLUDE is supported.

API v1 supports contract and temp regular assignment processing.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {ASSIG\_ID} | URI | Not required | The ID of the Assignment to fetch from db |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified assignment entity details. |
| 400 Bad Request | INCLUDE parameter contains invalid property names. Response body contains ERROR\_MSG element with further details |

|  |  |
| --- | --- |
| 403 Forbidden | The request is invalid – assignment sent has unsupported type (temp shift or permanent). Response body contains ERROR\_MSG element with further details. |

|  |  |
| --- | --- |
| 404 Not Found | The assignment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/assignments/123498?INCLUDE=ASSIG_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/assignments/123498?INCLUDE=ASSIG_GEN>

HTTP status: 200 OK

{

"id": 123498,

"defaultValue": "Assignment Title",

"availableRoles": ["TMPR\_ASSIGN"],

"defaultRole": "TMPR\_ASSIGN",

"ASSIG\_GEN": {

...

}

}

# 4. Candidates

Candidate is a record of a person seeking for a job.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [List all Candidates](#_1.2_List_all) | GET /v1/candidates |
| [Retrieve Candidate](#_1.3_Retrieve_an) Details | GET /v1/candidates/{CAND\_ID} |
| [Create a Candidate](#_1.6_Arrange_an) | POST /v1/candidates |
| [Update a C](#_1.5_Make_a)andidate | PUT /v1/candidates/{CAND\_ID} |
| [Delete a Candidate](#_1.4_Withdraw/Reject_an) | DELETE /v1/candidates/{CAND\_ID} |
| Get References for a Candidate | GET /v1/candidates/{CAND\_ID}/references |
| Get Reference Details | GET /v1/candidates/{CAND\_ID}/references/{REF\_ID} |
| Create a Reference | POST /v1/candidates/{CAND\_ID}/references |
| Update a Reference | PUT /v1/candidates/{CAND\_ID}/references/{REF\_ID} |
| Delete a Reference | DELETE /v1/candidates/{CAND\_ID}/references/{REF\_ID} |
| Get Educational Establishments for a Candidate | GET /v1/candidates/{CAND\_ID}/educ-establishments |
| Get Educational Establishment Details | GET /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID} |
| Create an Educational establishment | POST /v1/candidates/{CAND\_ID}/educ-establishments |
| Update an Educational Establishment | PUT /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID} |
| Delete an Educational Establishment | DELETE /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID} |
| Get Previous Employments for a Candidate | GET /v1/candidates/{CAND\_ID}/prev-employments |
| Get Previous Employment Details | GET /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID} |
| Create a Previous Employment | POST /v1/candidates/{CAND\_ID}/prev-employments |
| Update a Previous Employment | PUT /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID} |
| Delete a Previous Employment | DELETE /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID} |
| Get Favourites for a Candidate | GET /v1/candidates/{CAND\_ID}/favourites |
| Get Favourite Details | GET /v1/candidates/{CAND\_ID}/favourites/{FAV\_ID} |
| Create a Favourite | POST /v1/candidates/{CAND\_ID}/favourites |
| Delete a Favourite | DELETE /v1/candidates/{CAND\_ID}/favourites/{FAV\_ID} |
| Update Candidate Web Login | PUT /v1/candidates/{CAND\_ID}/web-login |
| Disable Candidate Web Login | DELETE /v1/candidates/{CAND\_ID}/web-login |
| Login a Candidate | POST /v1/candidates/login |

## 4.1 List all Candidates

GET /v1/candidates?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of all candidates. The system supports filtering. When any parameter(s) is sent then only records matching values sent will be returned. INCLUDE is supported.

Note, up to 50 records will be returned. Query parameters can be used to get a precise result set.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| Fname={FIRST\_NAME} | query string | optional | First name. Search by part of name is supported. |
| Lname={LAST\_NAME} | query string | optional | Last name. Search by part of name is supported. |
| Fullname={FULL\_NAME} | query string | optional | Full name. Search by part of name is supported. |
| Pid={PERSON\_ID} | query string | optional | The Adapt ID of a person |
| Loc={LOCATION} | query string | optional | Code identifying the location of a person. List of Location codes can be found in Appendix A |
| Pcode={POST\_CODE} | query string | optional | Post code |
| Town={TOWN} | query string | optional | Town |
| Email={EMAIL\_ADD} | query string | optional | Home email |
| Tel={TEL\_NUMBER} | query string | optional | Mobile or home number |
| Isdupl={IS\_DUPLICATE} | query string | optional | Y/N value defining if a person is a duplicate of another person registered in the system |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. The response body contains “candidates” element with the array of found candidates. |
| 204 No Content | No candidates matching the request parameters have been found. There is no response body. |
| 400 Bad Request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further detail. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates?lname=Smith&pcode=BN&INCLUDE=PERSON_GEN,ADDRESS>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates?lname=Smith&pcode=BN&INCLUDE=PERSON_GEN,ADDRESS>

HTTP status: 200 OK

{"candidates": [

{

"id": 674188,

"defaultValue": "Jack Smith",

"availableRoles": ["TEMP\_CAND"],

"defaultRole": "TEMP\_CAND",

...

},

{...} ]

}

## 4.2 Retrieve Candidate Details

GET /v1/candidates/{CAND\_ID}?INCLUDE=<property name(s)>

Retrieve a candidate record. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose details are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified candidate entity details.. |
| 400 Bad Request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188>

HTTP status: 200 OK

{

"id": 674188,

"defaultValue": "Jack Smith",

"availableRoles": ["TEMP\_CAND"],

"defaultRole": "TEMP\_CAND",

...

}

## 4.3 Create a Candidate

POST /v1/candidates

Create a new candidate record. The request body contains JSON describing details of a new person.

If a candidate found the agency by advert of a position then ad hoc advert response can be created. In this case IDs of a job and an advert should be sent in JSON.

In addition, the system allows creation of an account to web portal of Adapt system. In this case data should be sent in WL\_GEN property.

*Request Body*

{

"availableRoles": [string 64],

"defautRole": string 64,

"PERSON\_GEN": {

"TITLE": numeric,

"FIRST\_NAME": string 80,

"MIDDLE\_NAME": string 80,

"LAST\_NAME": string 80,

"SALUTATION": string 80

},

"CAND\_GEN": {

"EXEMPT\_AW": string 1,

"RSN\_EXMPT\_AW": numeric,

"RESIDENT": string 1,

"SOURCE": numeric

},

"EMAIL": [{

"OCC\_ID": string,

"EMAIL\_ADD": string 80

}],

"TELEPHONE": [{

"OCC\_ID": string,

"TEL\_NUMBER": string 30,

"EXTENSION": string 5,

"CAN\_CONTACT": string 1,

"CAN\_SMS": string 1

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80,

"STREET2": string 80,

"LOCALITY": string 80,

"TOWN": string 50,

"COUNTY": string 50,

"POST\_CODE": string 9,

"COUNTRY": numeric,

}],

"CAND\_PAYROLL": {

"NI\_NUMBER": string 15

},

"LOCATIONS": [{

"LOCATION": numeric

}],

"X\_ADV\_RESP": [{

"JOB": numeric,

"ADVERT": numeric

}],

"WL\_GEN": {

"LOGIN\_NAME": string 20,

"PASSWORD": string 20

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| availableRoles | body | required | List of roles of new candidate. Candidate can play any or all of three available roles – contract (“CONTR\_CAND”), permanent (“PERM\_CAND”) and temporary (“TEMP\_CAND”). |
| defaultRole | body | required | Default role of a candidate. It should be one of roles listed as available roles. |
| PERSON\_GEN.TITLE | body | required | Code identifying the person title. List of Title codes can be found in Appendix A |
| PERSON\_GEN.FIRST\_NAME | body | required | First name |
| PERSON\_GEN.LAST\_NAME | body | required | Last name |
| PERSON\_GEN.SALUTATION | body | required | Salutation |
| PERSON\_GEN.MIDDLE\_NAME | body | optional | Middle name |
| EMAIL[0].OCC\_ID | body | required | Value identifying email type. A person can have two types of email – work (“Work”) and personal (“Home”) email. Home email is required for a candidate. |
| EMAIL[0].EMAIL\_ADD | body | required | Email address which can be used to liaise with a candidate |
| TELEPHONE[<index>].OCC\_ID | body | required | Value identifying telephone type. The system allows keeping home (“Home”), work (“Work”) and mobile (“Mobile”) numbers. Mobile number is required for a candidate. |
| TELEPHONE[<index>].TEL\_NUMBER | body | required | Telephone number |
| TELEPHONE[<index>].EXTENSION | body | optional | Extension to work telephone number |
| TELEPHONE[<index>].CAN\_CONTACT | body | optional | Y/N value defining whether a candidate can be contacted via work telephone number |
| TELEPHONE[<index>].CAN\_SMS | body | optional | Y/N value defining whether a candidate wants to receive text messages via mobile number |
| CAND\_GEN.EXEMPT\_AW | body | optional | Y/N value defining whether a candidate is AWR exempt |
| CAND\_GEN.RSN\_EXMPT\_AW | body | optional | Code identifying the reason of AWR exemption. This value is required when a candidate is AWR exempt. List of Reason for Exemption codes can be found in Appendix A |
| CAND\_GEN.RESIDENT | body | optional | Y/N value defining whether a candidate is UK resident |
| CAND\_GEN.SOURCE | body | optional | Code identifying the source used by a candidate to learn about the agency. List of Source codes can be found in Appendix A |
| ADDRESS[0].OCC\_ID | body | optional | Value identifying address type. Candidate address is stored in primary (“Primary”) occurrence. The value is required if any address field is sent. |
| ADDRESS[0].STREET1 | body | optional | Address line 1 |
| ADDRESS[0].STREET2 | body | optional | Address line 2 |
| ADDRESS[0].LOCALITY | body | optional | Locality |
| ADDRESS[0].TOWN | body | optional | Town |
| ADDRESS[0].COUNTY | body | optional | County |
| ADDRESS[0].POST\_CODE | body | optional | Post code |
| ADDRESS[0].COUNTRY | body | optional | Code identifying the country. List of Country codes can be found in Appendix A |
| CAND\_PAYROLL.NI\_NUMBER | body | optional | NI number |
| LOCATIONS[0].LOCATION | body | optional | Code identifying the location. List of Location codes can be found in Appendix A |
| X\_ADV\_RESP[0].ADVERT | body | optional | Reference to an advert of a job. Value identifying the advert if a candidate is registered as a result of response to the advert. |
| X\_ADV\_RESP[0].JOB | body | optional | Reference to a job in the system. The job is required when an advert reference is sent |
| WL\_GEN.LOGIN\_NAME | body | optional | Login name for an account to the web portal where candidates are able to apply for new positions or post timesheets for their current assignments themselves. If login name and password are sent then a web account will be created for a candidate. Login name is required for web account creation. |
| WL\_GEN.PASSWORD | body | optional | Password for an account to the web portal. If login name and password are sent then a web account will be created for a candidate. Password is required for web account creation. |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Candidate has been successfully created. Response body contains the ID of created candidate. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Default role does not match available roles * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| PERSON\_GEN.REFERENCE | body | The ID of created candidate which can be used for further requests |
| PERSON\_GEN.PERSON\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"availableRoles": ["CONTR\_CAND","TEMP\_CAND"],

"defaultRole": "CONTR\_CAND",

"PERSON\_GEN":

{

"TITLE": 1303812,

"FIRST\_NAME": "John",

"LAST\_NAME": "Smith",

"SALUTATION": "John"

},

"EMAIL":

[{

"OCC\_ID": "Home",

"EMAIL\_ADD": "John.Smith@domain.com"

}],

"TELEPHONE":

[{

"OCC\_ID": "Mobile",

"TEL\_NUMBER": "1111111111",

"CAN\_SMS": "Y"

},

{

"OCC\_ID": "Home",

"TEL\_NUMBER": "2222222222"

}],

"CAND\_GEN":

{

"EXEMPT\_AW": "N"

},

"CAND\_PAYROLL":

{

"NI\_NUMBER": "ab123456c"

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates>

HTTP status: 201 Created

Response Body

{

"PERSON\_GEN": {

"REFERENCE": 670216,

"PERSON\_ID": 1125976

}

}

## 4.4 Update a Candidate

PUT /v1/candidates/{CAND\_ID}

Update a Candidate record. The request body contains JSON giving values which should be updated.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose record will be updated |

*Request Body*

{

"availableRoles": [string 64],

"default\_role": string,

"PERSON\_GEN": {

"FIRST\_NAME": string 80,

"LAST\_NAME": string 80,

"SALUTATION": string 80

},

"CAND\_GEN": {

"STATUS": numeric,

"RSN\_EXMPT\_AW": numeric

},

"EMAIL": [{

"OCC\_ID": string,

"EMAIL\_ADD": string 80

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| defaultRole | body | not empty | Default role of a candidate. It should be one of candidate’s roles. |
| AvailableRoles | body | not empty | List of roles of a candidate. Candidate can play any or all of three available roles – contract (“CONTR\_CAND”), permanent (“PERM\_CAND”) and temporary (“TEMP\_CAND”). Empty value or a value not from the list cannot be sent. When role(s) is sent candidate’s role will be changed to a role(s) sent. |
| PERSON\_GEN.FIRST\_NAME | body | not empty | First name |
| PERSON\_GEN.LAST\_NAME | body | not empty | Last name |
| PERSON\_GEN.SALUTATION | body | not empty | Salutation |
| CAND\_GEN.STATUS | body | not empty | Code identifying the status of a candidate. List of Candidate Status codes can be found in Appendix A |
| CAND\_GEN.RSN\_EXMPT\_AW | body | not empty | Code identifying the reason of AWR exemption. This value is required when a candidate is AWR exempt. List of Reason for Exemption codes can be found in Appendix A |
| EMAIL[<index>].EMAIL\_ADD | body | not empty | Email address which can be used to liaise with a candidate. Home email cannot be cleared if a candidate has already had an account to web portal. |
| ADDRESS[0].STREET1 | body | not empty | Address line 1 |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Candidate has been successfully updated with values sent in the request body. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Default role does not match available roles * Sent field(s) is invalid or cannot be cleared * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/candidate/670216>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"availableRoles": ["CONTR\_CAND"],

"PERSON\_GEN":

{

"TITLE": 1303815,

"MIDDLE\_NAME": "Adam",

"SALUTATION": "John A"

},

"CAND\_GEN":

{

"STATUS": 8249174

},

"ADDRESS":

[{

"OCC\_ID": "Primary",

"STREET1": "Lime Street 11",

"TOWN": "Liverpool",

"POST\_CODE": "AB12 3CD",

"COUNTRY": 4979062

}]

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216>

HTTP status: 201 Created

## 4.5 Delete a Candidate

DELETE /v1/candidates/{CAND\_ID}

Delete a candidate record. Only candidate record without recruitment activities can be deleted. If an internal interview was arranged for a candidate, application to a job or placement was made then candidate cannot be deleted.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose record will be deleted |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Candidate has been successfully deleted. There is no response body. |
| 403 Forbidden | You do not have permission to delete a candidate or candidate has recruitment history and cannot be deleted. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/670216>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/670216>

HTTP status: 204 No Content

## 4.6 Get References for a Candidate

GET /v1/candidates/{CAND\_ID}/references

Get a list of references for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose references are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “references” element with the array of found references. |
| 204 No Content | No references have been found. There is no response body. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/references>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/references>

HTTP status: 200 OK

{"references": [

{

"id": 703482,

"defaultValue": "1094435",

"availableRoles": ["REFERENCE"],

"defaultRole": "REFERENCE",

...

},

{...} ]

}

## 4.7 Get Reference Details

GET /v1/candidates/{CAND\_ID}/references/{REF\_ID}

Get details of a specific reference for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose reference is to be returned in the response |
| {REF\_ID} | URI | required | The ID of a reference that is to be returned |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified reference entity details. |
| 400 Bad Request | The reference ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details |
| 404 Not Found | The candidate ID or reference ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/references/703482>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/references/703482>

HTTP status: 200 OK

{

"id": 703482,

"defaultValue": "1094435",

"availableRoles": ["REFERENCE"],

"defaultRole": "REFERENCE",

...

}

}

## 4.8 Create a Reference

POST /v1/candidates/{CAND\_ID}/references

Create a new reference for a candidate. The request body contains JSON describing details of a new reference.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate a reference will be created for |

*Request Body*

{

"REF\_GENERAL": {

"REF\_TYPE": numeric,

"CLIENT": string 200,

"CONTACT": string 250,

"JOB\_TITLE": string 200

},

"EMAIL": [{

"OCC\_ID": string,

"EMAIL\_ADD": string 80

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80,

"STREET2": string 80,

"LOCALITY": string 80,

"TOWN": string 50,

"COUNTY": string 50,

"POST\_CODE": string 9,

"COUNTRY": numeric

}],

"TELEPHONE": [{

"OCC\_ID": string,

"TEL\_NUMBER": string 30

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| REF\_GENERAL.REF\_TYPE | body | required | Code identifying the reference type – telephone (8250490) or written (8250489) reference. |
| REF\_GENERAL.CLIENT | body | required | The name of a company a reference was received from. |
| REF\_GENERAL.CONTACT | body | required | The name of a contact a reference was received from. |
| REF\_GENERAL.JOB\_TITLE | body | optional | Job title of a candidate on a position in a company a reference was received from |
| EMAIL[0].OCC\_ID | body | required | Value identifying email type. Work email (“Work”) is required for a reference. |
| EMAIL[0].EMAIL\_ADD | body | required | Email address |
| TELEPHONE[<index>].OCC\_ID | body | optional | Value identifying telephone number type. Work (“Work”) and fax (“Fax”) numbers are supported for a reference. Work number is required for a reference of telephone type. |
| TELEPHONE[<index>].TEL\_NUMBER | body | optional | Telephone number |
| ADDRESS[0].OCC\_ID | body | required | Value identifying address type. Primary occurrence (“Primary”) is used for a reference. |
| ADDRESS[0].STREET1 | body | required | Address line 1 |
| ADDRESS[0].STREET2 | body | optional | Address line 2 |
| ADDRESS[0].LOCALITY | body | optional | Locality |
| ADDRESS[0].TOWN | body | optional | Town |
| ADDRESS[0].COUNTY | body | optional | County |
| ADDRESS[0].POST\_CODE | body | optional | Post code |
| ADDRESS[0].COUNTRY | body | optional | Code identifying the country. List of Country codes can be found in Appendix A |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Reference has been successfully created. The response body contains the ID of created reference. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details |

*Response Body*

|  |  |  |
| --- | --- | --- |
| REF\_GENERAL.REFERENCE | body | The ID of created reference which can be used for further requests |
| REF\_GENERAL.REF\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/references>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"REF\_GENERAL":

{

"REF\_TYPE": 8250489,

"CLIENT": "Gibson & sons Ltd",

"CONTACT": "Jack Davidson",

"JOB\_TITLE": "Consultant"

},

"EMAIL":

[{

"OCC\_ID": "Work",

"EMAIL\_ADD": "Jack.Davidson@domain.com"

}],

"ADDRESS":

[{

"OCC\_ID": "Primary",

"STREET1 ": "Keel Wharf 24"

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/references>

HTTP status: 201 Created

Response Body

{

"REF\_GENERAL": {

"REFERENCE": 684385,

"REF\_ID": 1094396

}

}

## 4.9 Update a Reference

PUT /v1/candidates/{CAND\_ID}/references/{REF\_ID}

Update reference details. The request body contains JSON giving values which need to be updated.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate a reference is linked to |
| {REF\_TO} | URI | required | The ID of a reference that is to be updated |

*Request Body*

{

"REF\_GENERAL": {

"REF\_TYPE": numeric,

"CLIENT": string 200,

"CONTACT": string 250

},

"EMAIL": [{

"OCC\_ID": string,

"EMAIL\_ADD": string 80

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}],

"TELEPHONE": [{

"OCC\_ID": string,

"TEL\_NUMBER": string 30

}],

}

|  |  |  |  |
| --- | --- | --- | --- |
| REF\_GENERAL.REF\_TYPE | body | not empty | Code identifying the reference type – telephone (8250490) or written (8250489) reference. Reference Type cannot be cleared or changed. |
| REF\_GENERAL.CLIENT | body | not empty | The name of a company a reference was received from. |
| REF\_GENERAL.CONTACT | body | not empty | The name of a contact a reference was received from. |
| EMAIL[0].OCC\_ID | body | not empty | Value identifying email type. Work email (“Work”) is required for a reference. |
| EMAIL[0].EMAIL\_ADD | body | not empty | Email address |
| TELEPHONE[<index>].OCC\_ID | body | not empty | Value identifying telephone number type. Work (“Work”) and fax (“Fax”) numbers are supported for a reference. |
| TELEPHONE[<index>].TEL\_NUMBER | body | not empty | Telephone number. Work number is required and cannot be cleared for a reference of telephone type. |
| ADDRESS[0].OCC\_ID | body | not empty | Value identifying address type. Primary occurrence (“Primary”) is used for a reference. |
| ADDRESS[0].STREET1 | body | not empty | Address line 1 |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Reference has been successfully updated with values sent in the request body. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Sent field(s) is invalid or cannot be cleared * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or reference ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/references/684385>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"REF\_GENERAL":

{

"JOB\_TITLE": "Pr. Manager"

},

"ADDRESS":

[{

"OCC\_ID": "Primary",

"STREET1": " Keel Wharf 24",

"TOWN": "Liverpool",

"COUNTRY": 4979062

}],

"TELEPHONE":

[{

"OCC\_ID": "Fax",

"TEL\_NUMBER": "1111111111"

}]

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/references/684385>

HTTP status: 201 Created

## 4.10 Delete a Reference

DELETE /v1/candidates/{CAND\_ID}/references/{REF\_ID}

Delete a Reference record..

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate the reference is linked to |
| {REF\_ID} | URI | required | The ID of a reference that is to be deleted from the system |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Reference has been successfully deleted. There is no response body. |
| 403 Forbidden | You do not have permission to delete records. |
| 404 Not Found | The candidate ID or reference ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/references/703482>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/references/703482>

HTTP status: 204 No Content

## 4.11 Get Educational Establishments for a Candidate

GET /v1/candidates/{CAND\_ID}/educ-establishments

Get a list of all educational establishments for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose educational establishments are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. The response body contains “Educational Establishments” element with the array of the educational establishments. |
| 204 No Content | No educational establishments have been found. Response body contains ERROR\_MSG element with further detail. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishments>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishments>

HTTP status: 200 OK

{"Educational Establishments": [

{

"id": 686386,

"defaultValue": "some establishment",

"availableRoles": ["EDUCATION"],

"defaultRole": "EDUCATION",

...

},

{...} ]

}

## 4.12 Get Educational Establishment Details

GET /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID}

Get an educational establishment record.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose educational establishment details are to be returned in the response |
| {EDUC\_ID} | URI | required | The ID of an educational establishment which details are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified educational establishment entity details. |
| 400 Bad Request | The educational establishment ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or the educational establishment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishment/412357>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishment/412357>

HTTP status: 200 OK

{

"id": 412357,

"defaultValue": "some establishment",

"availableRoles": ["EDUCATION"],

"defaultRole": "EDUCATION",

"EDU\_GEN": {...},

...

}

## 4.13 Create an Educational Establishment

POST /v1/candidates/{CAND\_ID}/educ-establishments

Create a new educational establishment record for a candidate. The request body contains JSON describing details of a new education establishment.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate a new educational establishment will be added for. |

*Request Body*

{

"EDU\_GEN": {

"DATE\_FROM": date,

"DATE\_TO": date,

"ESTABLISH": string 80,

"QUAL": string 80

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| EDU\_GEN.DATE\_FROM | body | required | Education start date |
| EDU\_GEN.DATE\_TO | body | required | Education end date |
| EDU\_GEN.ESTABLISH | body | required | Establishment where an education was received |
| EDU\_GEN.QUAL | body | required | Qualification received |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created educational establishment. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| EDU\_ESTAB.EDUCATION | body | The ID of created educational establishment which can be used for further requests |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates>/674188/educ-establishments

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"EDU\_GEN":{

"DATE\_FROM": "01/02/2005",

"DATE\_TO": "02/03/2006",

"ESTABLISH": "Some establishment",

"QUAL": "Some Qualification"

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates>/674188/educ-establishments

HTTP status: 201 Created

Response Body

{

"EDU\_ESTAB":{

"EDUCATION": 423548,

}

}

## 4.14 Update an Educational Establishment

PUT /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID}

Update an educational establishment record for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate educational establishment details will be updated for |
| {EDUC\_ID} | URI | required | The ID of an Educational Establishment which details will be updated |

*Request Body*

{

"EDU\_GEN": {

"DATE\_FROM": date,

"DATE\_TO": date,

"ESTABLISH": string 80,

"QUAL": string 80

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| EDU\_GEN.DATE\_FROM | body | not empty | Education start date |
| EDU\_GEN.DATE\_TO | body | not empty | Education end date |
| EDU\_GEN.ESTABLISH | body | not empty | Establishment where an education was received |
| EDU\_GEN.QUAL | body | not empty | Qualification received |

*Responses*

|  |  |
| --- | --- |
| 201 Created | An educational establishment has been successfully updated with values sent in the request body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Sent field(s) is invalid or cannot be cleared * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or educational establishment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/educ-establishments/412357>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"PERSON\_GEN":{

"QUAL": "Some level",

}

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/educ-establishments/412357>

HTTP status: 201 Created

## 4.15 Delete an Educational Establishment

DELETE /v1/candidates/{CAND\_ID}/educ-establishments/{EDUC\_ID}

Delete an educational establishment record from a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose educational establishment record will be deleted |
| {EDUC\_ID} | URI | required | The ID of an educational establishment record which will be deleted |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | An educational establishment record has been successfully deleted. There is no response body. |
| 400 Bad Request | The educational establishment ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details |
| 403 Forbidden | You do not have permission to delete an educational establishment record. |
| 404 Not Found | The candidate ID or educational establishment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishments/412357>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE https://adaptserver:80/WebApp/api/v1/candidates/674188/educ-establishments/412357

HTTP status: 204 No Content

## 4.16 Get Previous Employments for a Candidate

GET /v1/candidates/{CAND\_ID}/prev-employments

Get a list of all previous employments for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose previous employments are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. The response body contains “Previous Employments” element with the array of previous employments. |
| 204 No Content | No previous employments have been found for a candidate. Response body contains ERROR\_MSG element with further detail. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments>

HTTP status: 200 OK

{"Previous Employments": [

{

"id": 694247,

"defaultValue": "some employment",

"availableRoles": ["PREV\_ASSIGN"],

"defaultRole": "PREV\_ASSIGN",

"ASSIG\_GEN": {...},

...

},

{...} ]

}

## 4.17 Get Previous Employment Details

GET /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID}

Get a previous employment record.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose previous employment details are to be returned in the response |
| {EMPL\_ID} | URI | required | The ID of a previous employment which details are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified previous employment entity details. |
| 400 Bad Request | The previous employment ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or the previous employment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments/694247>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments/694247>

HTTP status: 200 OK

{

"id": 694247,

"defaultValue": "some employment",

"availableRoles": ["PREV\_ASSIGN"],

"defaultRole": "PREV\_ASSIGN",

"ASSIGN\_GEN": {...},

...

}

## 4.18 Create a Previous Employment

POST /v1/candidates/{CAND\_ID}/prev-employments

Create a new previous employment record for a candidate. The request body contains JSON describing details of a previous employment.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate a previous employment will be added for |

*Request Body*

{

"ASSIG\_GEN": {

"JOB\_TITLE": string 200,

"START\_DT": date,

"END\_DT": date,

"INDUSTRY": numeric,

"REASON\_LEAV": numeric,

"PRV\_MAN\_TEL": string 30,

"PREV\_AGENCY": numeric,

"CURRENCY": numeric,

"ADD\_TO\_CV": string 1

},

"ASSIG\_FEE": {

"SALARY": numeric 13,2

},

"JOB\_CAT": [{

"JOB\_CATEGORY": numeric

}],

"X\_PA\_CLIENT": [{

"CLIENT": numeric,

"CONTACT": numeric

}],

"asReference": string 1

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_PA\_CLIENT[0].CLIENT | body | required | Company which a person was working for |
| X\_PA\_CLIENT[0].CONTACT | body | optional | Manager on previous employment position |
| ASSIG\_GEN.JOB\_TITLE | body | required | Job title |
| ASSIG\_GEN.START\_DT | body | optional | Start date |
| ASSIG\_GEN.END\_DT | body | optional | End date |
| ASSIG\_GEN.INDUSTRY | body | optional | Code identifying the industry previous employment is related to. List of Industry Sector codes can be found in Appendix A |
| ASSIG\_GEN.REASON\_LEAV | body | optional | Code identifying the reason for leaving the job. List of Reason for Leaving codes can be found in Appendix A |
| ASSIG\_GEN.PRV\_MAN\_TEL | body | optional | Manager’s phone number |
| ASSIG\_GEN.PREV\_AGENCY | body | optional | Code identifying the agency previous employment was made by. List of Other Agency codes can be found in Appendix A |
| ASSIG\_GEN.CURRENCY | body | optional | Code identifying the currency. List of Currency codes can be found in Appendix A |
| ASSIG\_GEN.ADD\_TO\_CV | body | optional | Y/N value defining whether an employment should be added to CV |
| ASSIG\_FEE.SALARY | body | optional | Pay rate/ salary (per hour/ per annum) |
| JOB\_CAT[].JOB\_CATEGORY | body | optional | Code identifying the job category. List of Job Category codes can be found in Appendix A |
| asReference | body | optional | Y/N value defining whether a reference record should be created basing on provided details |

*Responses*

|  |  |
| --- | --- |
| 201 Created | A previous employment record has been successfully created. Response body contains the ID of created previous employment. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| ASSIG\_GEN.REFERENCE | body | The ID of created previous employment which can be used for further requests |
| ASSIG\_GEN.ASSIG\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"ASSIG\_GEN":{

"START\_DT": "01/02/2005",

"END\_DT": "02/03/2006",

"JOB\_TITLE": "Engineer",

"ADD\_TO\_CV": "Y"

},

"X\_PA\_CLIENT":{

"CLIENT": 249813

"asReference": "N"

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments>

HTTP status: 201 Created

Response Body

{

"ASSIG\_GEN":{

"REFERENCE": 423548,

"ASSIG\_ID": 21784

}

}

## 4.19 Update a Previous Employment

PUT /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID}

Update a previous employment record for a Candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a Candidate previous employment details will be updated for |
| {EMPL\_ID} | URI | required | The ID of a previous employment which details will be updated |

*Request Body*

{

"ASSIG\_GEN": {

"JOB\_TITLE": string 200,

"STATUS": numeric

},

"X\_PA\_CLIENT": [{

"CLIENT": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_PA\_CLIENT[0].CLIENT | body | not empty | Company which a person was working for |
| ASSIG\_GEN.JOB\_TITLE | body | not empty | Job title |
| ASSIG\_GEN.STATUS | body | not empty | Assignment status |

*Responses*

|  |  |
| --- | --- |
| 201 Created | A previous employment has been successfully updated with values sent in the request body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Sent field(s) is invalid or cannot be cleared * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or the previous employment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/prev-employments/694247>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"ASSIG\_GEN":{

"START\_DT": "01/02/2004",

"END\_DT": "02/04/2006",

"INDUSTRY": 413745,

"REASON\_LEAV": 244894

}

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/670216/prev-employments/694247>

HTTP status: 201 Created

## 4.20 Delete a Previous Employment

DELETE /v1/candidates/{CAND\_ID}/prev-employments/{EMPL\_ID}

Delete a previous employment record from a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose previous employment record will be deleted |
| {EMPL\_ID} | URI | required | The ID of a previous employment record which will be deleted |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | A previous employment record has been successfully deleted. There is no response body. |
| 400 Bad Request | The previous employment ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details. |
| 403 Forbidden | You do not have permission to delete a previous employment. |
| 404 Not Found | The candidate ID or the previous employment ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments/674247>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/prev-employments/674247>

HTTP status: 204 No Content

## 4.21 Get Favourites for a Candidate

GET /v1/candidates/{CAND\_ID}/favourites

Get a list of all favourite jobs for a candidate.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose favourite jobs are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. The response body contains “Favourites” element with the array of favourite jobs. |
| 204 No Content | No favourite jobs have been found for a candidate. Response body contains ERROR\_MSG element with further detail. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites>

HTTP status: 200 OK

{"Favourites": [

{

"id": 694247,

"defaultValue": "Physicist",

"availableRoles": ["CONTR\_JOB"],

"defaultRole": " CONTR\_JOB ",

"JOB\_GEN": {...},

...

},

{...} ]

}

## 4.22 Get Favourite Details

GET /v1/candidates/{CAND\_ID}/favourites/{FAV\_ID}

Get a job from a list of a candidate’s favourite jobs.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whose favourite job details are to be returned in the response |
| {FAV\_ID} | URI | required | The ID of a favourite job which details are to be returned in the response. |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified favourite job entity details. |
| 404 Not Found | The candidate ID specified in the URI does not exist or a candidate doesn’t have a favourite job with the ID specified in the URI. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites/172112>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites/172112>

HTTP status: 200 OK

{

"id": 694247,

"defaultValue": "Physicist",

"availableRoles": ["CONTR\_JOB"],

"defaultRole": " CONTR\_JOB ",

"JOB\_GEN": {...},

...

}

## 4.23 Create a Favourite

POST /v1/candidates/{CAND\_ID}/favourites

Add a job to a list of favourite jobs for a candidate. The request body contains JSON with the ID of a job to be added.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate a favourite job will be added for |

*Request Body*

{

"X\_BASK\_CAND": [{

"JOB": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_BASK\_CAND[0].JOB | body | required | The ID of a job which will be added to a favourite list |

*Responses*

|  |  |
| --- | --- |
| 201 Created | A job was added to a candidate favourite list. Response body contains “X\_BASK\_CAND” element with information about created link. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Job has been already added to a favourite.   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| X\_BASK\_CAND[0].BISUNIQUEID | body | The ID of a record in a favourite list which can be used for further requests. |
| X\_BASK\_CAND[0].CANDIDATE | body | The ID of a candidate. |
| X\_BASK\_CAND[0].JOB | body | The ID of a job. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"X\_BASK\_CAND":[{

"JOB": 684123

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites>

HTTP status: 201 Created

Response Body

{

"X\_BASK\_CAND":[{

"BISUNIQUEID": 172,

"CANDIDATE": 674188,

"JOB": 684123

}]

}

## 4.24 Delete a Favourite

DELETE /v1/candidates/{CAND\_ID}/favourites/{FAV\_ID}

Delete a job from a list of candidate’s favourites.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate whom favourite job will be deleted from. |
| {FAV\_ID} | URI | required | The ID of a favourite job record which will be deleted from the list. |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | A job has been successfully deleted from a candidate’s favourites list. There is no response body. |
| 400 Bad Request | The favourite ID sent is not linked to the candidate ID. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID or the favourite ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites/172112>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/674188/favourites/172112>

HTTP status: 204 No Content

## 4.25 Update Candidate Web Login

PUT /v1/candidates/{CAND\_ID}/web-login

Update a candidate’s a web login. The function allows to update details of existing web login or to create a new web login if a candidate has not had it created before. The request body contains JSON describing new details of a candidate’s web login. If a candidate has already had a web login then existing login details should be sent for verification and a value which should be updated. If a candidate has not had a web login then only new details should be sent.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate web login will be created/ updated for. |

*Request Body*

{

"WEB\_LOGIN": {

"LOGIN\_NAME\_EXIST": string 20,

"PASSWORD\_EXIST": string 20,

"LOGIN\_NAME\_NEW": string 20,

"PASSWORD\_NEW": string 20,

"ACTIVE": string 1

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| WEB\_LOGIN.LOGIN\_NAME\_EXIST | body | optional | Current web login name. It is required if a web login has already existed. It should match to existing web login name of a candidate. |
| WEB\_LOGIN.PASSWORD\_EXIST | body | optional | Current web login password. It is required if a web login has already existed. It should match to existing web login password of a candidate. |
| WEB\_LOGIN.LOGIN\_NAME\_NEW | body | optional | (New) web login name. It is required if a candidate has not had a web login or can be sent is existing login name should be changed. |
| WEB\_LOGIN.PASSWORD\_NEW | body | optional | (New) web login password. It is required if a candidate has not had a web login or can be sent is existing password should be changed. |
| WEB\_LOGIN.ACTIVE | body | optional | Y/N value defining whether a web login should be activated. |

*Responses*

|  |  |
| --- | --- |
| 201 Created | A web login account has been successfully created/ updated. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The candidate ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/374188/web-login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"WEB\_LOGIN":{

"LOGIN\_NAME\_EXIST": "LoginName",

"PASSWORD\_EXIST": "qwerty123",

"LOGIN\_NAME\_NEW": "NewLoginName",

"PASSWORD\_NEW": "qwerty456",

"ACTIVE": "Y"

}

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/candidates/374188/web-login>

HTTP status: 201 Created

}

## 4.26 Disable Candidate Web Login

DELETE /v1/candidates/{CAND\_ID}/web-login

Deactivate a candidate’s web login. Web login will not be deleted from the system. It is possible to activate the deactivated web login via Update Candidate Web Login function.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CAND\_ID} | URI | required | The ID of a candidate web login will be deactivated for |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Web login has been successfully deactivated. There is no response body. |
| 404 Not Found | The candidate ID specified in the URI does not exist or no web login found. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/374188/web-login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/candidates/374188/web-login>

HTTP status: 204 No Content

## 4.27 Login a Candidate

POST /v1/candidates/login

Login a candidate in the system. The response contains the ID of a candidate matching the account details sent in JSON in the request body. Login history will be updated.

*Request Body*

{

"WL\_GEN": {

"LOGIN\_NAME": string 20,

"PASSWORD": string 20

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| WL\_GEN.LOGIN\_NAME | body | required | Candidate’s web login name |
| WL\_GEN.PASSWORD | body | required | Candidate’s web login password |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of a candidate and login history information. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | A web login with login name and/or password specified in request has not been found. There is no response body. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| X\_WL\_PERSON[0].PERSON | body | The ID of a candidate an account matching details sent belongs to. |
| WL\_HISTORY.DT\_LASTLOGIN | body | Date of last login to web portal via account details sent |
| WL\_HISTORY.TM\_LASTLOGIN | body | Time of last login to web portal via account details sent |
| WL\_HISTORY.NO\_LOGINS | body | Number of successful logins to web portal via account details sent |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/candidates/login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"WL\_GEN":{

"LOGIN\_NAME": "LoginName",

"PASSWORD": "qwerty123"

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/candidates/login>

HTTP status: 201 Created

Request Body

{

"X\_WL\_PERSON":[{

"PERSON": 674188

}],

"WL\_HISTORY":{

"DT\_LASTLOGIN": "16/11/15",

"TM\_LASTLOGIN": "12:23",

"NO\_LOGINS": 3

}

}

# 5. Companies

Company is a record containing details of a client with its contacts and open positions.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [Retrieve Company](#_1.3_Retrieve_an) Details | GET /v1/companies/{COMP\_ID} |
| [Create a C](#_1.6_Arrange_an)ompany | POST /v1/companies |
| [List of Contacts for a C](#_1.2_List_all)ompany | GET /v1/companies/{COMP\_ID}/contacts |
| [Link Contact to a C](#_1.6_Arrange_an)ompany | POST /v1/companies/{COMP\_ID}/contacts |
| [Remove Contact from a C](#_1.4_Withdraw/Reject_an)ompany | DELETE /v1/companies/{COMP\_ID}/contacts |

## 5.1 Retrieve Company Details

GET /v1/companies/{COMP\_ID}?INCLUDE=<property name(s)>

Retrieve a Company entity. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {COMP\_ID} | URI | required | The ID of the Company to fetch from the system |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified company entity details. |
| 404 Not Found | The company ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/companies/123456?INCLUDE=CLIENT_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/acompanies/>123456?INCLUDE=CLIENT\_GEN

HTTP status: 200 OK

{

"id": 123456,

"defaultValue": "82636427",

"availableRoles": ["CLIENT"],

"defaultRole": "CLIENT",

"CLIENT\_GEN": {,

...

}

}

## 5.2 Create a Company

POST /v1/companies

Create a new company record. The request body contains JSON describing details of a new company.

*Request Body*

{

"CLIENT\_GEN": {

"NAME": string 80,

"CL\_CODE\_AW": string 6,

"CLIENT\_TYPE": numeric,

"COMP\_REG": string 30,

"CURRENCY": numeric,

"FIN\_YEAR": numeric,

"SOURCE": numeric,

"VAT\_NO": string 20,

"VAT\_EX": string 1,

"WEB\_ADD": string 150

},

"TELEPHONE": [{

"OCC\_ID": string,

"TEL\_NUMBER": string 30

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80,

"STREET2": string 80,

"LOCALITY": string 80,

"TOWN": string 50,

"COUNTY": string 50,

"POST\_CODE": string 9,

"COUNTRY": numeric

}],

"LOCATIONS": [{

"LOCATION": numeric

}],

"NOTES": string,

"X\_CLIENT\_SUB": [{

"PARENT": numeric

}],

"X\_LE\_CLIENTS": [{

"LE": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| CLIENT\_GEN.NAME | body | required | Company’s name |
| CLIENT\_GEN.CLIENT\_TYPE | body | required | Code identifying company type. List of Client Type codes can be found in Appendix A |
| CLIENT\_GEN.CL\_CODE\_AW | body | optional | Client Bureau Code required for payroll exports |
| CLIENT\_GEN.COMP\_REG | body | optional | Registration number |
| CLIENT\_GEN.CURRENCY | body | optional | Code identifying currency used by a company. List of Currency codes can be found in Appendix A |
| CLIENT\_GEN.FIN\_YEAR | body | optional | Code identifying the end of financial year. List of Month codes can be found in Appendix A |
| CLIENT\_GEN.SOURCE | body | optional | Code identifying the source used by a company to learn about the agency. List of Source codes can be found in Appendix A |
| CLIENT\_GEN.STATUS | body | optional | Code identifying company status. List of Client Status codes can be found in Appendix A |
| CLIENT\_GEN.VAT\_NO | body | optional | VAT number |
| CLIENT\_GEN.VAT\_EX | body | optional | Y/N value defining whether a company is VAT exempt. A company cannot have VAT number in its profile and be marked as VAT exempt. |
| CLIENT\_GEN.WEB\_ADD | body | optional | Web site address of a company. |
| ADDRESS[0].OCC\_ID | body | required | Value identifying address type. Company address is stored in primary (“Primary”) occurrence. |
| ADDRESS[0].STREET1 | body | required | Address line 1 |
| ADDRESS[0].STREET2 | body | optional | Address line 2 |
| ADDRESS[0].LOCALITY | body | optional | Locality |
| ADDRESS[0].TOWN | body | optional | Town |
| ADDRESS[0].COUNTY | body | optional | County |
| ADDRESS[0].POST\_CODE | body | optional | Post code |
| ADDRESS[0].COUNTRY | body | optional | Code identifying the country. List of Country codes can be found in Appendix A |
| TELEPHONE[0].OCC\_ID | body | optional | Value identifying telephone type. Company telephone number is stored in work (“Work”) occurrence. |
| TELEPHONE[0].TEL\_NUMBER | body | optional | Telephone number |
| LOCATIONS[0].LOCATION | body | optional | Code identifying the location. List of Location codes can be found in Appendix A |
| X\_CLIENT\_SUB[0].PARENT | body | optional | ID of the parent company in the system. Either parent company or head office can be sent. |
| X\_LE\_CLIENTS[0].LE | body | optional | ID of the head office in the system. Either parent company or head office can be sent. |
| NOTES | body | optional | Notes which will be added to company creation journal entry. |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created company. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified * Data is invalid   Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| CLIENT\_GEN.REFERENCE | body | The ID of created company which can be used for further requests |
| CLIENT\_GEN.CLIENT\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/companies>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"CLIENT\_GEN":{

"NAME": "Corporation LTD",

"CLIENT\_TYPE": 8252178

},

"ADDRESS": [{

"STREET1": "Duke Street 23",

"OCC\_ID": "Primary"

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/companies>

HTTP status: 201 Created

{"CLIENT\_GEN": {

"REFERENCE": 684313,

"CLIENT\_ID": 1115045

}}

## 5.3 List of Contacts for a Company

GET /v1/companies/{COMP\_ID}/contacts?INCLUDE=<property name(s)>

Get list of contacts for the company. INCLUDE is supported.

Note, up to 50 records will be returned.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {COMP\_ID} | URI | required | The ID of the company to find contacts associated with |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “contacts” element with the array of found contacts. |
| 204 No Content | No contacts have been found. There is no response body. |
| 400 Bad Request | INCLUDE parameter contains invalid property names. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The company ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts?INCLUDE=CONT_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts?INCLUDE=CONT_GEN>

HTTP status: 200 OK

{"contacts": [{

"id": 124834,

"defaultValue": "Contact Name",

"availableRoles": ["CONTACT"],

...

},

{...} ]

}

## 5.4 Link Contact to a Company

POST /v1/companies/{COMP\_ID}/contacts

Link an existing contact to the existing company. If a contact was linked to another company then its record will be removed from the previous employer’s contacts list. If a contact was in charge of any jobs for previous employer those jobs should be reassigned to another contact of the previous employer.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {COMP\_ID} | URI | required | The ID of the company existing contact will be linked to. |

*Request Body*

{

"X\_CLIENT\_CON": [{

"CONTACT": numeric

}],

"JOBS\_TO": numeric,

"END\_EMPL": string 1

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_CLIENT\_CON[0].CONTACT | body | required | The ID of existing contact record which will be linked to the company. |
| JOBS\_TO | body | optional | The ID of the previous employer’s active contact who will be responsible for jobs assigned to a contact being unlinked. The value is required if a contact selected to be linked has owned jobs for the previous employer. |
| END\_EMPL | body | optional | Y/N value defining whether a contact’s employment for his previous company should be finished. |

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. A contact has been linked to the company. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The company ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"X\_CLIENT\_CON":{

"CONTACT": 248942,

},

"JOBS\_TO": 319745,

"END\_EMPL": "Y"

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts>

HTTP status: 200 OK

## 5.5 Remove Contact from a Company

DELETE /v1/companies/{COMP\_ID}/contacts

Remove a contact from the company. If a contact was in charge of any jobs for the company those jobs should be reassigned to another contact of the company. Note, a contact will be removed from the company’s list of contact only. The record will be left in the system.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {COMP\_ID} | URI | required | The ID of the company a contact will be removed from. |

*Request Body*

{

"X\_CLIENT\_CON": [{

"CONTACT": numeric

}],

"JOBS\_TO": numeric,

"END\_EMPL": string 1

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_CLIENT\_CON[0].CONTACT | body | required | The ID of a contact whose record will be removed from the company. |
| JOBS\_TO | body | optional | The ID of company’s active contact who will be responsible for jobs assigned to a contact being removed. The value is required if a contact selected to be removed has owned jobs for the company. |
| END\_EMPL | body | optional | Y/N value defining whether a contact’s employment for his previous company should be finished. |

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Successful request. A contact has been removed from the company. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The company ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"X\_CLIENT\_CON":{

"CONTACT": 248942,

},

"JOBS\_TO": 469734,

"END\_EMPL": "Y"

}

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/companies/684313/contacts>

HTTP status: 204 No Content

# 6. Contacts

Contact is a record of a person representing a company and responsible for a certain job(s) .

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [List all Contacts](#_6.1_List_all) | GET /v1/contacts |
| [Retrieve Contact](#_6.2_Retrieve_Contact) Details | GET /v1/contacts/{CONTACT\_ID} |
| [Create a Contact](#_6.3_Create_a) | POST /v1/contacts |
| [Update a C](#_6.4_Update_a)ontact | PUT /v1/contacts/{CONTACT\_ID} |
| [Delete a Contact](#_6.5_Delete_a) | DELETE /v1/contacts/{CONTACT\_ID} |
| [List of Jobs for a Contact](#_6.6_List_of) | GET /v1/contacts/{CONTACT\_ID}/jobs |
| Update Contact Web Login | PUT /v1/contacts/{CONTACT\_ID}/web-login |
| Disable Contact Web Login | DELETE /v1/contacts/{CONTACT\_ID}/web-login |
| Login a Contact | POST /v1/contacts/login |

## 6.1 List all Contacts

GET /v1/contacts?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of all contacts. The system supports filtering. When any parameter(s) is sent then only records matching values sent will be returned. INCLUDE is supported.

Note, up to 50 records will be returned. Query parameters can be used to get a precise result set.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| contactId={CONT\_ADAPT\_ID} | query string | optional | The Adapt ID of a contact |
| firstName={FIRST\_NAME} | query string | optional | First name |
| lastName={LAST\_NAME} | query string | optional | Last name |
| conpanyId={COMPANY\_ADAPT\_ID} | query string | optional | The Adapt ID of a company which a contact represents |
| email={EMAIL\_ADD} | query string | optional | Contact work email |
| telephone={TEL\_NUMBER} | query string | optional | Contact telephone number. Any of home, work or mobile number can be used. |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. The response body contains “contacts” element with the array of found contacts. |
| 204 No Content | No contacts have been found. There is no response body. |
| 400 Bad Request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further detail. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/contacts?firstName=John&email=mail@server.com&INCLUDE=PERSON_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/contacts?firstName=John&email=mail@server.com&INCLUDE=PERSON_GEN>

HTTP status: 200 OK

{"contacts": [

{

"id": 248942,

"defaultValue": "John Smith",

"availableRoles": ["CONTACT"],

"defaultRole": "CONTACT",

"PERSON\_GEN": {

...

},

},

{...} ]

}

## 6.2 Retrieve Contact details

GET /v1/contacts/{CONTACT\_ID}?INCLUDE=<property name(s)>

Retrieve a contact entity from the system. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of the contact whose details are to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified contact entity details |
| 400 Bad request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The contact ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/contacts/248942?INCLUDE=PERSON_GEN,ADDRESS>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/contacts/248942?INCLUDE=PERSON_GEN,ADDRESS>

HTTP status: 200 OK

{

"id": 248942,

"defaultValue": "John Smith",

"availableRoles": ["CONTACT"],

"defaultRole": "CONTACT",

...

}

## 6.3 Create a Contact

POST /v1/contacts

Create a new contact record for existing client. The request body contains JSON describing details of a new person.

The system allows creation of an account to web portal of Adapt system. In this case date should be sent in WL\_GEN property.

*Request Body*

{

"PERSON\_GEN": {

"TITLE": numeric,

"FIRST\_NAME": string 80,

"LAST\_NAME": string 80,

"SALUTATION": string 80,

"JOB\_TITLE": string 200,

"LINKEDIN": string 100

},

"CONT\_GEN": {

"DEPT\_NAME": string 60,

"LOCATION\_CD": numeric

},

"EMAIL": [{

"OCC\_ID": string,

"EMAIL\_ADD": string 80

}],

"TELEPHONE": [{

"OCC\_ID": string,

"TEL\_NUMBER": string 30,

"EXTENSION": string 5,

"CAN\_CONTACT": string 1,

"CAN\_SMS": string 1

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80,

"STREET2": string 80,

"LOCALITY": string 80,

"TOWN": string 50,

"COUNTY": string 50,

"POST\_CODE": string 9,

"COUNTRY": numeric

}],

"CAND\_GEN": {

"PA\_NAME": string 60,

"PA\_TELE": string 15,

"PA\_EMAIL": string 80

},

"X\_CLIENT\_CON": [{

"CLIENT": numeric

}],

"WL\_GEN": {

"LOGIN\_NAME": string 20,

"PASSWORD": string 20

},

"ResearcherNotes": string, unlimited

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_CLIENT\_CON[0].CLIENT | body | required | The ID of a company a contact to be created for |
| PERSON\_GEN.TITLE | body | required | Code identifying the person title. List of Title codes can be found in Appendix A |
| PERSON\_GEN.FIRST\_NAME | body | required | First name |
|  |  |  |  |
| PERSON\_GEN.LAST\_NAME | body | required | Last name |
| PERSON\_GEN.SALUTATION | body | required | Salutation |
| PERSON\_GEN.JOB\_TITLE | body | optional | Job title. If this value is not sent the default value will be set (“Contact”). |
| CONT\_GEN.DEPT\_NAME | body | optional | Department name |
| PERSON\_GEN.LINKEDIN | body | optional | Contact’s LinkedIn profile link (URI) |
| CONT\_GEN.LOCATION\_CD | body | optional | Code identifying the location. List of Location codes can be found in Appendix A |
| EMAIL[<index>].OCC\_ID | body | optional | Value identifying email type. A contact can have two types of email – work (“Work”) and personal (“Home”) email. Work email is used by the system for sending notifications. |
| EMAIL[<index>].EMAIL\_ADD | body | optional | Email address which can be used to liaise with a contact. Work email is required if a web portal account is supposed to be created via contact creation. |
| TELEPHONE[<index>].OCC\_ID | body | optional | Value identifying telephone type. The system allows keeping home (“Home”), work (“Work”), fax (“Fax”) and mobile (“Mobile”) numbers |
| TELEPHONE[<index>].TEL\_NUMBER | body | optional | Telephone number |
| TELEPHONE[<index>].EXTENSION | body | optional | Extension to work telephone number |
| TELEPHONE[<index>].CAN\_CONTACT | body | optional | Y/N value defining whether a contact can be contacted via work telephone number |
| TELEPHONE[<index>].CAN\_SMS | body | optional | Y/N value defining whether a contact wants to receive text messages via mobile number |
| ADDRESS[0].OCC\_ID | body | required | Value identifying address type. Contact address is stored in secondary (“Secondary”) occurrence. |
| ADDRESS[0].STREET1 | body | required | Address line 1 |
| ADDRESS[0].STREET2 | body | optional | Address line 2 |
| ADDRESS[0].LOCALITY | body | optional | Locality |
| ADDRESS[0].TOWN | body | optional | Town |
| ADDRESS[0].COUNTY | body | optional | County |
| ADDRESS[0].POST\_CODE | body | optional | Post code |
| ADDRESS[0].COUNTRY | body | optional | Code identifying the country. List of Country codes can be found in Appendix A |
| CAND\_GEN.PA\_NAME | body | optional | Personal assistant name |
| CAND\_GEN.PA\_TELE | body | optional | Personal assistant phone number |
| CAND\_GEN.PA\_EMAIL | body | optional | Personal assistant email address |
| WL\_GEN.LOGIN\_NAME | body | optional | Login name for an account to the web portal where contacts are able to create new positions or approve timesheets for current assignments sent by candidates. If login name and password are sent then a web account will be created for a contact. Login name is required for web account creation. |
| WL\_GEN.PASSWORD | body | optional | Password for an account to the web portal. If login name and password are sent then a web account will be created for a Contact. Password is required for web account creation |
| ResearcherNotes | body | optional | Freeform text notes to store against contact entity |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created contact. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body or bad JSON format * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/contacts>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"PERSON\_GEN": {

"TITLE": 1303812,

"FIRST\_NAME": "John",

"LAST\_NAME": "Connor",

"SALUTATION": "John",

"JOB\_TITLE": "Sr. Manager"

},

"EMAIL": [{

"OCC\_ID": "Work",

"EMAIL\_ADD": "johnConnor@domain.org"

}],

"ADDRESS": [{

"OCC\_ID": "Secondary",

"STREET1": "Mainchurch Street"

}],

"X\_CLIENT\_CON": [{

"CLIENT": 684313

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/contacts>

HTTP status: 201 Created

Response Body

{

"PERSON\_GEN": {

"REFERENCE: 248942,

"PERSON\_ID": 456795

}

}

## 6.4 Update a Contact

PUT /v1/contacts/{CONTACT\_ID}

Update existing contact record. The request body contains JSON with data to add to a contact and/or update existing fields in database. *Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of a contact to be updated |

*Request Body*

{

"PERSON\_GEN": {

"FIRST\_NAME": string 80,

"LAST\_NAME": string 80

},

"CONT\_GEN": {

"GRADING": numeric,

"STATUS": numeric

},

"EMAIL": [{

"OCC\_ID": “Work”,

"EMAIL\_ADD": string 80

}],

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| PERSON\_GEN.FIRST\_NAME | body | not empty | First name |
| PERSON\_GEN.LAST\_NAME | body | not empty | Last name |
| CONT\_GEN.GRADING | body | not empty | Code identifying contact grading. List of Grading codes can be found in Appendix A |
| CONT\_GEN.STATUS | body | not empty | Code identifying contact status. List of Contact Status codes can be found in Appendix A |
| EMAIL[<index>].EMAIL\_ADD | body | not empty | Contact work email address cannot be cleared if a contact has a web login. |
| ADDRESS[0].OCC\_ID | body | not empty | Value identifying address type. Contact address is stored in secondary (“Secondary”) occurrence. The value is required if any address field is sent. |
| ADDRESS[0].STREET1 | body | not empty | Address line 1 |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Contact has been successfully updated. The response body is empty |
| 400 Bad Request | The request is invalid in some way:   * There is no request body or bad JSON format * Required field(s) is invalid or not specified * Data format is invalid   Response body contains ERROR\_MSG element with further details. |
| 204 Not Found | Contact has been successfully updated. The response body is empty |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/contacts/248942>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"PERSON\_GEN": {

"TITLE": 1303812,

"FIRST\_NAME": "New First Name"

},

"ADDRESS": [{

"OCC\_ID": "Secondary",

"STREET2": "The Courtyard",

"COUNTY": "Humberside"

}]

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/contacts/248942>

HTTP status: 201 Created

## 6.5 Delete a Contact

DELETE /v1/contacts/{CONTACT\_ID}

Delete a contact record from the system. Note that contacts who are involved into an interview(s) or in charge of a job(s) could not be deleted.

If it is required to delete a contact record that is in charge of an interview or a job cancel an interview and remove a contact from a company first.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of a contact that is to be deleted |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Contact has been successfully deleted. There is no response body. |
| 403 Forbidden | You do not have permission to delete a contact or contact is in charge of an interview(s) or a job(s) and cannot be deleted. |
| 404 Not Found | The contact ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/contacts/248942>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/contacts/248942>

HTTP status: 204 No Content

## 6.6 List of Jobs for a Contact

GET /v1/contacts/{CONTACT\_ID}/jobs?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of all jobs related to a contact. The system supports filtering. When there are no query parameters are sent all jobs owned by a contact will be returned. Otherwise only records matching filter values will be returned. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of a contact that is to be removed |
| JobStatus={STATUS1,STATUS2,...} | query string | optional | Code(s) identifying the status of jobs that are to be returned. List of Job Status codes can be found in Appendix B |
| JobType={TYPE1,TYPE2,...} | query string | optional | Code(s) identifying the type of jobs that are to be returned. List of Job Type codes can be found in Appendix B |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “jobs” element with the array of found jobs. |
| 204 No Content | No jobs have been found. There is no response body. |
| 400 Bad Request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The contact ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/contacts/248942/jobs/JobType=274916,172489&JobType=324978,3219784&INCLUDE=JOB_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/contacts/248942/jobs/JobType=274916,172489&JobType=324978,3219784&INCLUDE=JOB_GEN>

HTTP status: 200 OK

{"jobs": [

{

"id": 689923,

"defaultValue": "Sr. Analyst",

"availableRoles": ["CONTR\_JOB"],

...

},

{...} ]

}

## 6.7 Update Contact Web Login

PUT /v1/contacts/{CONTACT\_ID}/web-login

Update a contact’s web login. The function allows to update details of existing web login or to create a new web login if a contact has not had it created before. The request body contains JSON describing new details of a contact’s web login. If a contact has already had a web login then existing login details should be sent for verification and a value which should be updated. If a contact has not had a web login then only new details should be sent.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of a contact web login will be created/ updated for. |

*Request Body*

{

"WEB\_LOGIN": {

"LOGIN\_NAME\_EXIST": string 20,

"PASSWORD\_EXIST": string 20,

"LOGIN\_NAME\_NEW": string 20,

"PASSWORD\_NEW": string 20,

"ACTIVE": string 1

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| WEB\_LOGIN.LOGIN\_NAME\_EXIST | body | optional | Current web login name. It is required if a web login has already existed. It should match to existing web login name of a contact. |
| WEB\_LOGIN.PASSWORD\_EXIST | body | optional | Current web login password. It is required if a web login has already existed. It should match to existing web login name of a contact. |
| WEB\_LOGIN.LOGIN\_NAME\_NEW | body | optional | (New) web login name for a contact It is required if a contact has not had a web login or can be sent is existing login name should be changed. |
| WEB\_LOGIN.PASSWORD\_NEW | body | optional | (New) web login password for contact. It is required if a contact has not had a web login or can be sent is existing password should be changed. |
| WEB\_LOGIN.ACTIVE | body | optional | Y/N value defining whether a web login should be activated. |

*Responses*

|  |  |
| --- | --- |
| 201 Created | A web login account has been successfully created/ updated. There is no response body. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The contact ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

PUT <https://adaptserver:80/WebApp/api/v1/contacts/248942/web-login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"WEB\_LOGIN":{

"LOGIN\_NAME\_NEW": "jconnor",

"PASSWORD\_NEW": "qwerty"

}

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/contacts/248942/web-login>

HTTP status: 201 Created

}

## 6.8 Disable Contact Web Login

DELETE /v1/contacts/{CONTACT\_ID}/web-login

Deactivate contact’s web login. Web login will not be deleted from the system. It is possible to activate the deactivated web login via Update Contact Web Login function.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {CONTACT\_ID} | URI | required | The ID of a contact web login will be deactivated for |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | A contact web login has been successfully deactivated. There is no response body. |
| 404 Not Found | The contact ID specified in the URI does not exist or no web login found. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/contacts/248942/web-login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/contacts/248942/web-login>

HTTP status: 204 No Content

## 6.9 Login a Contact

POST /v1/contacts/login

Login a contact in the system. The response contains the ID of a contact matching the account details sent in JSON in the request body. Login history will be updated.

*Request Body*

{

"WL\_GEN": {

"LOGIN\_NAME": string 20,

"PASSWORD": string 20

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| WL\_GEN.LOGIN\_NAME | body | required | Contact’s web login name |
| WL\_GEN.PASSWORD | body | required | Contact’s web login password |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of a contact and login history information. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | A web login with login name and/or password specified in request has not been found. There is no response body. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| X\_WL\_PERSON[0].PERSON | body | The ID of a contact an account matching details sent belongs to. |
| WL\_HISTORY.DT\_LASTLOGIN | body | Date of last login to web portal via account details sent |
| WL\_HISTORY.TM\_LASTLOGIN | body | Time of last login to web portal via account details sent |
| WL\_HISTORY.NO\_LOGINS | body | Number of successful logins to web portal via account details sent |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/contacts/login>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"WL\_GEN":{

"LOGIN\_NAME": "jconnor",

"PASSWORD": "qwerty"

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/contacts/login>

HTTP status: 201 Created

Request Body

{

"X\_WL\_PERSON":[{

"PERSON": 674188

}],

"WL\_HISTORY":{

"DT\_LASTLOGIN": "16/11/15",

"TM\_LASTLOGIN": "12:23",

"NO\_LOGINS": 3

}

}

# 7. Interviews

Interview is a record containing information (date, address, interview status etc.) about interviewing candidate for a specified job or company.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [List all Interviews](#_7.1_List_all) | GET /v1/interviews |
| [Retrieve Interview Details](#_7.2_Retrieve_Interview) | GET /v1/interviews/{IV\_ID} |

## 7.1 List all Interviews

GET /v1/interviews?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of interview entities. The system supports filtering. When there is no query parameters sent then all interviews will be returned. Otherwise only records matching filter values will be returned. INCLUDE is supported.

Note, up to 50 records will be returned. Query parameters can be used to get a precise result set.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| cand={CAND\_ID} | query string | optional | The ID of the candidate to find interviews associated with |
| job={JOB\_ID} | query string | optional | The ID of the job to find interviews associated with |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “interviews” element with the array of found interviews |
| 204 No Content | No Interviews have been found. There is no response body. |
| 400 Bad Request | The request is invalid in some way:  • Invalid property is sent in INCLUDE parameter  • Invalid ID is sent in query string  Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/interviews?cand=123456&INCLUDE=IV_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/interviews?cand=123456&INCLUDE=IV_GEN>

HTTP status: 200 OK

{"interviews": [

{

"id": 668446,

"defaultValue": "691765",

"availableRoles": ["INTERVIEW"],

...

},

{...} ]

}

## 7.2 Retrieve Interview Details

GET /v1/interviews/{IV\_ID}?INCLUDE=<property name(s)>

Retrieve an interview record from the system. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {IV\_ID} | URI | required | The ID of the interview record which details to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified interview entity details. |
| 400 Bad request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The interview ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/interviews/668446?INCLUDE=IV_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/interviews/668446?INCLUDE=IV_GEN>

HTTP status: 200 OK

{

"id": 668446,

"defaultValue": "691765",

"availableRoles": ["INTERVIEW"],

"defaultRole": "INTERVIEW",

...

}

# 8. Jobs

Job is a record describing an open of filled by the agency position in a company. The record contains details about a company that gave an order, contact person, requirements to employee and benefits of a position.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [List all Jobs](#_8.1_List_all) | GET /v1/jobs |
| [Retrieve](#_8.2_Retrieve_Job) Job Details | GET /v1/jobs/{JOB\_ID} |
| [Create a Job](#_1.6_Arrange_an) | POST /v1/jobs |
| [Update a](#_8.4_Update_a) Job | PUT /v1/jobs/{JOB\_ID} |
| [Delete a Job](#_1.4_Withdraw/Reject_an) | DELETE /v1/jobs/{JOB\_ID} |
| [Candidate](#_1.2_List_all) Application from the web | POST /v1/jobs/{JOB\_ID}/web-responses |
| [Candidate](#_1.2_List_all) Application | POST /v1/jobs/{JOB\_ID}/shortlist |

## 8.1 List all Jobs

GET /v1/jobs?<query parameters>&INCLUDE=<property name(s)>

Retrieve a list of jobs. The system supports filtering. When any parameter(s) is sent then only records matching values sent will be returned. INCLUDE is supported.

Note, up to 50 records will be returned. Query parameters can be used to get a precise result set.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| title={JOB\_TITLE} | query string | optional | Job title. Search by part of title is supported. |
| status={STATUS} | query string | optional | Code identifying the status of a job. List of Job Status codes can be found in Appendix A. |
| id={JOB\_ID} | query string | optional | The Adapt ID of a job |
| pcode={POST\_CODE} | query string | optional | Job address - post code |
| town={TOWN} | query string | optional | Job address – town |
| sdatef={DATE\_FROM} | query string | optional | Job start date bottom border – fetch Jobs with start date after specified date |
| sdatet={DATE\_TO} | query string | optional | Job start date top border – fetch Jobs with start date before specified date |
| jcat={JOB\_CATEGORY} | query string | optional | Code identifying the job category. List of Job Category codes can be found in Appendix A |
| phone={CLIENT\_PHONE} | query string | optional | Owning client’s phone number |
| cname={CLIENT\_NAME} | query string | optional | Owning client’s name |
| contname={CONTACT\_NAME} | query string | optional | Job’s contact name |
| hot={HOT\_JOB} | query string | optional | Yes/No value defining is a job is hot. |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains “jobs” element with the array of found jobs. |
| 204 No Content | No jobs have been found. There is no response body. |
| 400 Bad Request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/jobs?title=baker&town=town&hot=Y&INCLUDE=JOB_GEN,ADDRESS>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/jobs?title=baker&town=town&hot=Y&INCLUDE=JOB_GEN,ADDRESS>

HTTP status: 200 OK

{"jobs": [

{

"id": 675856,

"defaultValue": "Baker Assistant",

"availableRoles": ["CONTR\_JOB"],

...

},

{...} ]

}

## 8.2 Retrieve Job Details

GET /v1/jobs/{JOB\_ID}?INCLUDE=<property name(s)>

Retrieve a job record from the system. INCLUDE is supported.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {JOB\_ID} | URI | required | The ID of a job record which details to be returned in the response |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 200 OK | Successful request. Response body contains specified job entity details |
| 400 Bad request | Invalid property is sent in INCLUDE parameter. Response body contains ERROR\_MSG element with further details. |
| 404 Not Found | The job ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

GET <https://adaptserver:80/WebApp/api/v1/jobs/675856?INCLUDE=JOB_GEN>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

GET <https://adaptserver:80/WebApp/api/v1/jobs/675856?INCLUDE=JOB_GEN>

HTTP status: 200 OK

{

"id": 675856,

"defaultValue": " Baker Assistant ",

"availableRoles": ["CONTR\_JOB"],

"defaultRole": "CONTR\_JOB",

...

}

## 8.3 Create a Job

POST v1/jobs

Create new job. Adapt provides possibility to make 3 types of jobs, each type has its own set of required and specific fields. The request body contains JSON with necessary data.

*Request Body – contract job required fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"END\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2

},

"CJOB\_GEN": {

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Request Body – permanent job required fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2

},

"PJOB\_GEN": {

"SAL\_FROM": numeric 13.2,

"SAL\_TO": numeric 13.2,

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Request Body – temporary job (regular and shift) required fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"END\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2

},

"TJOB\_GEN": {

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Common fields for all job types*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.JOB\_TYPE | body | required | Code identifying the type of a job to be created. List of Job Type codes can be found in Appendix A. |
| JOB\_GEN.JOB\_TITLE | body | required | Job title |
| JOB\_GEN.PRIM\_JCAT\_AW | body | required | Code identifying primary job category. List of Job Category codes can be found in Appendix A |
| JOB\_GEN.START\_DT | body | required | Job start date |
| JOB\_GEN.CONS1 | body | required | Job consultant ID (There can be up to 4 consultants. For more details see job specification) |
| JOB\_GEN.CONS1\_PERC | body | required | Job consultant’s percentage |
| X\_CLIENT\_JOB[0].CLIENT | body | required | The ID of a company a position is opened in. |
| X\_CLIENT\_JOB[0].CONTACT | body | required | The ID of a contact responsible for a job |

*Contract Job specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.END\_DT | body | required | Job end date |
| CJOB\_GEN.NO\_REQ | body | required | Number of workers required to fill the position |

*Permanent job specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| PJOB\_GEN.SAL\_FROM | body | required | Salary from |
| PJOB\_GEN.SAL\_TO | body | required | Salary to |
| PJOB\_GEN.NO\_REQ | body | required | Number of workers required to fill the position |

*Temporary job (regular and shift) specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.END\_DT | body | required | Job end date |
| TJOB\_GEN.NO\_REQ | body | required | Number workers required to fill the position |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response contains the ID of created job. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |

*Example Request – permanent job*

POST <https://adaptserver:80/WebApp/api/v1/jobs>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"JOB\_GEN":{

"JOB\_TYPE": 6509063,

"JOB\_TITLE": "Job Title",

"PRIM\_JCAT\_AW": 1307200,

"START\_DT": "20.07.15",

"CONS1": 10029,

"CONS1\_PERC": 100

},

"PJOB\_GEN":{

"SAL\_FROM": 30000,

"SAL\_TO": 40000,

"NO\_REQ": 1

},

"X\_CLIENT\_JOB":[{

"CLIENT": 183610,

"CONTACT": 187362

}]

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/jobs>

HTTP status: 201 Created

Response Body

{

"JOB\_GEN": {

"REFERENCE": 8249151,

"JOB\_ID": 17854485

}

}

## 8.4 Update a Job

PUT v1/jobs/{JOB\_ID}

Update existing job entity. Adapt supports 3 types of jobs, each type has its own set of required and specific fields. The request body contains JSON with values which should be updated. *Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {JOB\_ID} | URI | required | The ID of a job entity to apply new data |

*Request Body – contract job fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"END\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2,

"STATUS": numeric,

"CLOSE\_REASON": numeric

},

"JOB\_ACENTRAL": {

"JOB\_TITLE": string 200,

"INDUSTRY": numeric,

"LOCATION": numeric,

"TOWN": string 50,

"SALARY\_FROM": numeric 13.2,

"PRE\_RATE": numeric 12.2

},

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}],

"OWN\_OFFICE": {

"OFFICE": numeric,

"REGION": numeric

},

"CJOB\_GEN": {

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Request Body – permanent job fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2,

"STATUS": numeric,

"CLOSE\_REASON": numeric

},

"JOB\_ACENTRAL": {

"JOB\_TITLE": string 200,

"INDUSTRY": numeric,

"LOCATION": numeric,

"TOWN": string 50,

"SALARY\_FRON": numeric 13.2,

"PRE\_RATE": numeric 12.2

},

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}],

"OWN\_OFFICE": {

"OFFICE": numeric,

"REGION": numeric

},

"PJOB\_GEN": {

"SAL\_FROM": numeric 13.2,

"SAL\_TO": numeric 13.2,

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Request Body – temporary job fields*

{

"JOB\_GEN": {

"JOB\_TYPE": numeric,

"JOB\_TITLE": string 200,

"PRIM\_JCAT\_AW": numeric,

"START\_DATE": date,

"END\_DATE": date,

"CONS1": numeric,

"CONS1\_PERC": numeric 5.2,

"STATUS": numeric,

"CLOSE\_REASON": numeric

},

"JOB\_ACENTRAL": {

"JOB\_TITLE": string 200,

"INDUSTRY": numeric,

"LOCATION": numeric,

"TOWN": string 50,

"SALARY\_FRON": numeric 13.2,

"PRE\_RATE": numeric 12.2

},

"ADDRESS": [{

"OCC\_ID": string,

"STREET1": string 80

}],

"OWN\_OFFICE": {

"OFFICE": numeric,

"REGION": numeric

},

"TJOB\_GEN": {

"NO\_REQ": numeric 3

},

"X\_CLIENT\_JOB": [{

"CLIENT": numeric,

"CONTACT": numeric

}]

}

*Common fields for all Job types*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.JOB\_TYPE | body | required | Code identifying the type of a job to be updated. List of Job Type codes can be found in Appendix A. |
| JOB\_GEN.JOB\_TITLE | body | not empty | Job title |
| JOB\_GEN.PRIM\_JCAT\_AW | body | unchangeable | Code identifying primary job category. List of Job Category codes can be found in Appendix A |
| JOB\_GEN.START\_DT | body | not empty | Job start date |
| JOB\_GEN.STATUS | body | not empty | Code identifying job status. List of Job Status codes can be found in Appendix A. |
| JOB\_GEN.CLOSE\_REASON | body | not empty | Code identifying a reason for job closure. List of Close Reason codes can be found in Appendix A. This value is required if “Closed” (2949067) value was sent in status field. |
| JOB\_GEN.CONS1 | body | not empty | Job consultant ID (There can be up to 4 consultants. For more details see job specification) |
| JOB\_GEN.CONS1\_PERC | body | not empty | Job consultant’s percentage |
| JOB\_ACENTRAL.JOB\_TITLE | body | not empty | Job title to show on Adapt Central |
| JOB\_ACENTRAL.INDUSTRY | body | not empty | Industry to show on Adapt Central. Coded value, list of Industry Sector codes can be found in Appendix A |
| JOB\_ACENTRAL.LOCATION | body | not empty | Job location to show on Adapt Central. Coded value, list of Location codes can be found in Appendix A |
| JOB\_ACENTRAL.TOWN | body | not empty | Town to show on Adapt Central |
| JOB\_ACENTRAL.SALARY\_FROM | body | not empty | Salary to show on Adapt Central |
| JOB\_ACENTRAL.PRE\_RATE | body | not empty | Pay rate to show on Adapt Central |
| X\_CLIENT\_JOB[0].CLIENT | body | unchangeable | The ID of a company a position is opened in. |
| X\_CLIENT\_JOB[0].CONTACT | body | not empty | The ID of a contact responsible for a job |
| ADDRESS[0].OCC\_ID | body | not empty | Value identifying address type. Job address is stored in primary (“Primary”) occurrence. The value is required if any address field is sent. |
| ADDRESS[0].STREET1 | body | not empty | Street line 1 |
| OWN\_OFFICE.OFFICE | body | not empty | The ID of an office owning a record |
| OWN\_OFFICE.REGION | body | not empty | The ID of a region owning a record |
| OWN\_CONS[<index>].CONSULTANT | body | not empty | The ID of a user (consultant) of Adapt system owning a record |
| OWN\_CONS[<index>].TEAM | body | not empty | The ID of a team owning a record |
| OWN\_CONS[<index>].OCC\_ID | body | not empty | Value identifying owner type. It depends on job type - contract (“Contract”), permanent (“Permanent”) and temporary (“Temporary”) owning consultant. |

*Permanent Job specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| PJOB\_GEN.SAL\_FROM | body | not empty | Salary from |
| PJOB\_GEN.SAL\_TO | body | not empty | Salary to |
| PJOB\_GEN.NO\_REQ | body | not empty | Number of workers required to fill the position |
| PJOB\_GEN.NO\_SOFAR | body | unchangeable | Number of assignments made so far |

*Temporary Job specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.END\_DT | body | not empty | Job end date |
| TJOB\_GEN.NO\_REQ | body | not empty | Number of workers required to fill the position |
| TJOB\_GEN.NO\_SOFAR | body | unchangeable | Number of assignments made so far |

*Contract Job specific fields*

|  |  |  |  |
| --- | --- | --- | --- |
| JOB\_GEN.END\_DT | body | not empty | Job end date |
| CJOB\_GEN.NO\_REQ | body | not empty | Number of workers required to fill the position |
| CJOB\_GEN.NO\_SOFAR | body | unchangeable | Number of assignments made so far |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Job has been successfully updated with values sent in the request body. There is no response body |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |

*Example Request - permanent job*

PUT <https://adaptserver:80/WebApp/api/v1/jobs/8249151>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"JOB\_GEN":{

"JOB\_TYPE": 6509063,

"JOB\_TITLE": "New Job Title",

},

"PJOB\_GEN":{

"SAL\_FROM": 30000,

"SAL\_TO": 40000

}

}

*Example Success Response*

PUT <https://adaptserver:80/WebApp/api/v1/jobs/8249151>

HTTP status: 201 Created

## 8.5 Delete a Job

DELETE /v1/jobs/{JOB\_ID}

Delete a job record from the system. Note that jobs which have applications against them or a subject of an interview cannot be deleted.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {JOB\_ID} | URI | required | The ID of a job that is to be deleted |

*Request Body*

None

*Responses*

|  |  |
| --- | --- |
| 204 No Content | Job has been successfully deleted. There is no response body. |
| 403 Forbidden | You do not have permission to delete a job or a job has applications and cannot be deleted. Response body contains ERROR\_MSG element with further details |
| 404 Not Found | The job ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

DELETE <https://adaptserver:80/WebApp/api/v1/jobs/246411>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

*Example Success Response*

DELETE <https://adaptserver:80/WebApp/api/v1/jobs/246411>

HTTP status: 204 No Content

## 8.6 Candidate Application from web

POST /v1/jobs/{JOB\_ID}/web-responses

Candidates can look for open positions on the web portal and apply to the job they consider. An application record will be added to the system

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {JOB\_ID} | URI | required | The ID of a job a candidate is applied for. |

*Request Body*

{

"X\_SHORT\_CAND": [{

"CANDIDATE": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_SHORT\_CAND[0].CANDIDATE | body | required | The ID of a candidate applying for a job |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created application. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not found | The job ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Response Body*

|  |  |  |
| --- | --- | --- |
| SHORT\_GEN.REFERENCE | body | The ID of created application which can be used for further requests |
| SHORT\_GEN.SHORT\_ID | body | The Adapt ID used by end users to identify the records. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/jobs/675856/web-responses>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"X\_SHORT\_CAND":{

"CANDIDATE": 248942,

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/jobs/675856/web-responses>

HTTP status: 201 Created

Response Body

{

"SHORT\_GEN":{

"REFERENCE": 541237,

"SHORT\_ID": 12483

}

}

## 8.7 Candidate Application

POST /v1/jobs/{JOB\_ID}/shortlist

Create an application entity storing the details of a candidate’s application to a job.

*Request Parameters*

|  |  |  |  |
| --- | --- | --- | --- |
| {JOB\_ID} | URI | required | The ID of a job a candidate will be added to for consideration. |

*Request Body*

{

"X\_SHORT\_CAND": [{

"CANDIDATE": numeric

}]

}

|  |  |  |  |
| --- | --- | --- | --- |
| X\_SHORT\_CAND.CANDIDATE | body | required | The ID of a Candidate applying for a job |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of created application. |
| 400 Bad Request | The request is invalid in some way:   * There is no request body * Required field(s) is invalid or not specified   Response body contains ERROR\_MSG element with further details. |
| 404 Not found | The job ID specified in the URI does not exist. Response body contains ERROR\_MSG element with further details. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/jobs/675856/shortlist>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"X\_SHORT\_CAND":{

"CANDIDATE": 248943,

}

}

*Example Success Response*

POST https://adaptserver:80/WebApp/api/v1/jobs/675856/shortlist

HTTP status: 201 Created

Response Body

{

"SHORT\_GEN":{

"REFERENCE": 541238,

"SHORT\_ID": 12484,

}

}

# 9. Searches

Searches allow creation of an array of data of specific type matching search criteria for further processing them in batch. Such array is called a search result. The request body of a search contains JSON parameters records in array should match to. The response contains the ID of an array.

**METHOD SUMMARY**

|  |  |
| --- | --- |
| [Search for Jobs](#_1.2_List_all) | POST /v1/searches/job\_search |

## 9.1 Search for Jobs

POST /v1/jobs/job-search

Search for jobs of all types matching the search criteria described in the request body. If no search criteria provided all jobs in the system will be added to a search result. Please note the search has additional criteria – only jobs with certain statuses and which are marked as to be shown on web portal can be returned by this search. Supported statuses – Authorised, Shifts in Progress, Unfilled Contract Job, Unfilled Perm Job, Unfilled Temp Job.

*Request Body*

{

"SEARCH": {

"JOBID": numeric,

"KEYWORDS": string,

"MINSALARY": numeric 13.2,

"MAXSALARY": numeric 13.2,

"RATEFROM": numeric 12.2,

"RATETO": numeric 12.2,

"INDUSTRY1": numeric,

"SKILL1": numeric,

"JOBCATEGORY1": numeric,

"LOCATION1": numeric,

"JOBTYPE1": numeric

}

}

|  |  |  |  |
| --- | --- | --- | --- |
| SEARCH.JOBID | body | JOB\_GEN.JOB\_ID | The Adapt ID of a job |
| SEARCH.KEYWORDS | body | JOB\_GEN.JOB\_TITLE | Job title. Search by part of job title is supported |
| SEARCH.MINSALARY | body | PJOB\_GEN.SAL\_FROM | Salary range – minimum value (for permanent jobs only) |
| SEARCH.MAXSALARY | body | PJOB\_GEN.SAL\_TO | Salary range – maximum value (for permanent jobs only) |
| SEARCH.RATEFROM | body | TJOB\_RATE[].PAY\_RATE – Standard occurrence | Pay rate range – minimum value (for temporary/contract jobs only) |
| SEARCH.RATETO | body | TJOB\_RATE[].PAY\_RATE – Standard occurrence | Pay rate range – maximum value (for temporary/contract jobs only) |
| SEARCH.INDUSTRY1  SEARCH.INDUSTRY2 SEARCH.INDUSTRY3 SEARCH.INDUSTRY4 | body | IND\_SECT[].INDUSTRY | Code identifying industry sector. List of Industry Sector codes can be found in Appendix A |
| SEARCH.SKILL1  SEARCH.SKILL2  SEARCH.SKILL3  SEARCH.SKILL4 | body | SKILLS[].SKILL | Code identifying required skills. List of Skill codes can be found in Appendix A |
| SEARCH.JOBCATEGORY1  SEARCH.JOBCATEGORY2  SEARCH.JOBCATEGORY3  SEARCH.JOBCATEGORY4 | body | JOB\_CAT[].JOB\_CATEGORY | Code identifying job category. List of Job Category codes can be found in Appendix A |
| SEARCH.LOCATION1  SEARCH.LOCATION2  SEARCH.LOCATION3  SEARCH.LOCATION4 | body | JOB\_GEN.LOCATION\_CD | Code identifying location of a job. List of Location codes can be found in Appendix A |
| SEARCH.JOBTYPE1  SEARCH.JOBTYPE2  SEARCH.JOBTYPE3  SEARCH.JOBTYPE4 | body | JOB\_GEN.JOB\_TYPE | Code identifying job type of a job. List of Job Type codes can be found in Appendix A |

*Responses*

|  |  |
| --- | --- |
| 201 Created | Successful request. Response body contains the ID of saved search result. |
| 204 No content | No jobs found matching specified criteria. |

*Example Request*

POST <https://adaptserver:80/WebApp/api/v1/searches/job-search>

Request Headers

Content-Type: application/json

x-adapt-sid: -781258615963667244

Request Body

{

"SEARCH":{

"KEYWORDS": "Bus driver",

"RATETO": 10000

}

}

*Example Success Response*

POST <https://adaptserver:80/WebApp/api/v1/searches/job-search>

HTTP status: 201 Created

Response Body

{

"SEARCHID": 123456

}

# Appendix A