

Adapt REST API v1 Specification

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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

<code>numeric</code>	<p>The value contains numbers only</p> <p><code>numeric</code> – 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”.</p> <p><code>numeric xx.yy</code> – the number containing xx numbers including precision containing yy numbers. For instance, 12.34 number type is described as numeric 4.2</p>
<code>string</code>	<p>The value contains characters, numbers or other symbols.</p> <p><code>string</code> – the value is predefined, can contain one of possible options. The options are given in a field description.</p> <p><code>string 1</code> – the value contains 1 symbol, used to store Yes/No values (“Y” for Yes, “N” for No)</p> <p><code>string xx</code> – the value contains up to xx characters/ numbers/ symbols.</p>

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

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
<code>timeFormat</code>	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:port/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:port/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](#)

GET /v1/applications

[Retrieve an Existing Application](#)

GET /v1/applications/{APPLIC_ID}

[Terminate an Application](#)

DELETE /v1/applications/{APPLIC_ID}

[Arrange an interview](#)

POST /v1/applications/{APPLIC_ID}/interviews

[Make a Placement](#)

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

<code>cand={CAND_ID}</code>	query string	optional	The ID of the candidate to find applications associated with
<code>job={JOB_ID}</code>	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: <ul style="list-style-type: none">• Additional filter contains invalid/not existing entity ID Response body contains ERROR_MSG element with further details.

Example Request

```
GET https://adaptserver:port/WebApp/api/v1/applications?cand=123456
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

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

HTTP status: 200 OK

```
{ "progress": [
  {
    "id": 789789,
    "defaultValue": "82647525",
    "availableRoles": ["SHORTLIST"],
    ...
  },
  {...} ]
}
```

Example Unsuccessful Response

GET <https://adaptserver:port/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:port/WebApp/api/v1/applications/789789
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

```
GET https://adaptserver:port/WebApp/api/v1/applications/789789
```

HTTP status: 200 OK

```
{
  "id": 789789,
  "defaultValue": "82647525",
  "availableRoles": ["SHORTLIST"],
  "defaultRole": "SHORTLIST",
  ...
}
```

Example Unsuccessful Response

GET <https://adaptserver:port/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.
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: <ul style="list-style-type: none">• 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:port/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:port/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.
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.
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).

<code>ADDRESS [0] .COUNTRY</code>	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: <ul style="list-style-type: none"> • 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

<code>IV_GEN.REFERENCE</code>	body	The ID of created interview which can be used for further requests
<code>IV_GEN.IV_ID</code>	body	The Adapt ID used by end users to identify the records.

Example Request

POST <https://adaptserver:port/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:port/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.
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.

Contract assignment specific fields

ASSIG_GEN.STD_HOURS	body	required	Standard working hours per day
---------------------	------	----------	--------------------------------

<code>ASSIG_GEN.STD_DAYS</code>	body	required	Standard working days per week
<code>CASSIG_GEN.PAY_PERIOD</code>	body	required	Code identifying pay period.
<code>CASSIG_GEN.CONT_TYPE</code>	body	required	Code identifying contract type.

Temp regular assignment specific fields

<code>ASSIG_GEN.START_TM</code>	body	required	Start time * <i>(for Temp Regular – required, without remarks)</i>
<code>ASSIG_GEN.END_TM</code>	body	required	End time * <i>(for Temp Regular – required, without remarks)</i>
<code>SHIFT_GEN.PAID_HRS</code>	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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Required field(s) is invalid or not specified • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>
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

<code>ASSIG_GEN.REFERENCE</code>	body	The ID of created assignment which can be used for further requests
<code>ASSIG_GEN.ASSIG_ID</code>	body	The Adapt ID used by end users to identify the records.

Example Request – contract assignment

POST <https://adaptserver:port/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:port/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](#)

GET /v1/assignments

[Retrieve an Existing Assignment](#)

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

<code>candid={CAND_ID}</code>	query string	optional	The ID of the Candidate to find Assignments associated with
<code>jobid={JOB_ID}</code>	query string	optional	The ID of the Job to find Assignments associated with
<code>from={date-time}</code>	query string	optional	The timestamp* to find Assignments created after given date-time
<code>to={date-time}</code>	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: <ul style="list-style-type: none">• 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:port/WebApp/api/v1/assignments?cand=123456&job=987987&from=20-05-2015+15:00&INCLUDE=ASSIG\_GEN
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

```
GET https://adaptserver:port/WebApp/api/v1/assignments?job=123456&job=987987&from=20-05-2015+15:00&INCLUDE=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:port/WebApp/api/v1/assignments/123498?INCLUDE=ASSIG_GEN

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET https://adaptserver:port/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

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GET /v1/candidates

[Retrieve Candidate Details](#)

GET /v1/candidates/{CAND_ID}

[Create a Candidate](#)

POST /v1/candidates

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[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

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GET /v1/candidates/{CAND_ID}/prev-employments/{EMPL_ID}

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POST /v1/candidates/{CAND_ID}/prev-employments

[Update a Previous Employment](#)

PUT /v1/candidates/{CAND_ID}/prev-employments/{EMPL_ID}

[Delete a Previous Employment](#)

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[Get Favourites for a Candidate](#)

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[Update Candidate Web Login](#)

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[Get Candidate's \(Un\)Availability Records](#)

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GET /v1/candidates/{CAND_ID}/favourites

GET /v1/candidates/{CAND_ID}/favourites/{FAV_ID}

POST /v1/candidates/{CAND_ID}/favourites

DELETE /v1/candidates/{CAND_ID}/favourites/{FAV_ID}

PUT /v1/candidates/{CAND_ID}/web-login

DELETE /v1/candidates/{CAND_ID}/web-login

POST /v1/candidates/login

GET /v1/candidates/{CAND_ID}/cvs

GET /v1/candidates/{CAND_ID}/cvs/{CV_ID}

POST /v1/candidates/{CAND_ID}/cvs

DELETE /v1/candidates/{CAND_ID}/cvs/{CV_ID}

GET /v1/candidates/{CAND_ID}/workingpreferences

POST | PUT /v1/candidates/{CAND_ID}/workingpreferences

GET /v1/candidates/{CAND_ID}/availability

POST /v1/candidates/{CAND_ID}/availability

DELETE /v1/candidates/{CAND_ID}/availability/{AV_ID}

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.
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:port/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:port/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:port/WebApp/api/v1/candidates/674188>

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET <https://adaptserver:port/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],
  "defaultRole": 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
    }
}

```

<code>availableRoles</code>	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”).
<code>defaultRole</code>	body	required	Default role of a candidate. It should be one of roles listed as available roles.
<code>PERSON_GEN.TITLE</code>	body	required	Code identifying the person title.

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
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
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.
CAND_PAYROLL.NI_NUMBER	body	optional	NI number
LOCATIONS[0].LOCATION	body	optional	Code identifying the location.
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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Default role does not match available roles • Required field(s) is invalid or not specified • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>

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:port/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": "222222222"
  }],
  "CAND_GEN":
  {
    "EXEMPT_AW": "N"
  },
  "CAND_PAYROLL":
  {
    "NI_NUMBER": "ab123456c"
  }
}
```

Example Success Response

POST <https://adaptserver:port/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
  }]
}
```

<code>defaultRole</code>	body	not empty	Default role of a candidate. It should be one of candidate's roles.
<code>AvailableRoles</code>	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.
<code>PERSON_GEN.FIRST_NAME</code>	body	not empty	First name
<code>PERSON_GEN.LAST_NAME</code>	body	not empty	Last name
<code>PERSON_GEN.SALUTATION</code>	body	not empty	Salutation
<code>CAND_GEN.STATUS</code>	body	not empty	Code identifying the status of a candidate
<code>CAND_GEN.RSN_EXMPT_AW</code>	body	not empty	Code identifying the reason of AWR exemption. This value is required when a candidate is AWR exempt
<code>EMAIL[<index>].EMAIL_ADD</code>	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.
<code>ADDRESS[0].STREET1</code>	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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • 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 <p>Response body contains ERROR_MSG element with further details.</p>
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:port/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:port/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:port/WebApp/api/v1/candidates/670216
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

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

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET <https://adaptserver:port/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:port/WebApp/api/v1/candidates/674188/references/703482
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

GET <https://adaptserver:port/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
  }]
```



```
}]
}
```

<code>REF_GENERAL.REF_TYPE</code>	body	required	Code identifying the reference type – telephone (8250490) or written (8250489) reference.
<code>REF_GENERAL.CLIENT</code>	body	required	The name of a company a reference was received from.
<code>REF_GENERAL.CONTACT</code>	body	required	The name of a contact a reference was received from.
<code>REF_GENERAL.JOB_TITLE</code>	body	optional	Job title of a candidate on a position in a company a reference was received from
<code>EMAIL[0].OCC_ID</code>	body	required	Value identifying email type. Work email (“Work”) is required for a reference.
<code>EMAIL[0].EMAIL_ADD</code>	body	required	Email address
<code>TELEPHONE[<index>].OCC_ID</code>	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.
<code>TELEPHONE[<index>].TEL_NUMBER</code>	body	optional	Telephone number
<code>ADDRESS[0].OCC_ID</code>	body	required	Value identifying address type. Primary occurrence (“Primary”) is used for a reference.
<code>ADDRESS[0].STREET1</code>	body	required	Address line 1
<code>ADDRESS[0].STREET2</code>	body	optional	Address line 2
<code>ADDRESS[0].LOCALITY</code>	body	optional	Locality
<code>ADDRESS[0].TOWN</code>	body	optional	Town
<code>ADDRESS[0].COUNTY</code>	body	optional	County
<code>ADDRESS[0].POST_CODE</code>	body	optional	Post code
<code>ADDRESS[0].COUNTRY</code>	body	optional	Code identifying the country

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://adaptservice:port/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:port/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.
----------------------	------	-----------	--

<code>REF_GENERAL.CLIENT</code>	body	not empty	The name of a company a reference was received from.
<code>REF_GENERAL.CONTACT</code>	body	not empty	The name of a contact a reference was received from.
<code>EMAIL[0].OCC_ID</code>	body	not empty	Value identifying email type. Work email (“Work”) is required for a reference.
<code>EMAIL[0].EMAIL_ADD</code>	body	not empty	Email address
<code>TELEPHONE[<index>].OCC_ID</code>	body	not empty	Value identifying telephone number type. Work (“Work”) and fax (“Fax”) numbers are supported for a reference.
<code>TELEPHONE[<index>].TEL_NUMBER</code>	body	not empty	Telephone number. Work number is required and cannot be cleared for a reference of telephone type.
<code>ADDRESS[0].OCC_ID</code>	body	not empty	Value identifying address type. Primary occurrence (“Primary”) is used for a reference.
<code>ADDRESS[0].STREET1</code>	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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Sent field(s) is invalid or cannot be cleared • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>
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:port/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:port/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:port/WebApp/api/v1/candidates/674188/references/703482>

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

DELETE <https://adaptserver:port/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:port/WebApp/api/v1/candidates/674188/educ-establishments
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

GET <https://adaptserver:port/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:port/WebApp/api/v1/candidates/674188/educ-establishment/412357
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

GET <https://adaptserver:port/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: <ul style="list-style-type: none">• 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:port/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:port/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: <ul style="list-style-type: none">• 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:port/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:port/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:port/WebApp/api/v1/candidates/674188/educ-establishments/412357
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

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

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET <https://adaptserver:port/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:port/WebApp/api/v1/candidates/674188/prev-employments/694247
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

GET <https://adaptserver:port/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
ASSIG_GEN.REASON_LEAV	body	optional	Code identifying the reason for leaving the job
ASSIG_GEN.PRIV_MAN_TEL	body	optional	Manager's phone number
ASSIG_GEN.PREV_AGENCY	body	optional	Code identifying the agency previous employment was made by.
ASSIG_GEN.CURRENCY	body	optional	Code identifying the currency.
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.
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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Required field(s) is invalid or not specified • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>
404 Not Found	The candidate ID specified in the URI does not exist. Response body contains ERROR_MSG element with further details.

Response Body

<code>ASSIG_GEN.REFERENCE</code>	body	The ID of created previous employment which can be used for further requests
<code>ASSIG_GEN.ASSIG_ID</code>	body	The Adapt ID used by end users to identify the records.

Example Request

POST <https://adaptservice:port/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://adaptservice:port/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: <ul style="list-style-type: none">• 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:port/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:port/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:port/WebApp/api/v1/candidates/674188/prev-employments/674247
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

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

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

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

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET <https://adaptserver:port/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: <ul style="list-style-type: none">• 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

<code>X_BASK_CAND[0].BISUNIQUEID</code>	body	The ID of a record in a favourite list which can be used for further requests.
<code>X_BASK_CAND[0].CANDIDATE</code>	body	The ID of a candidate.
<code>X_BASK_CAND[0].JOB</code>	body	The ID of a job.

Example Request

POST <https://adaptserver:port/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:port/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:port/WebApp/api/v1/candidates/674188/favourites/172112
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

DELETE <https://adaptserver:port/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: <ul style="list-style-type: none">• 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:port/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:port/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:port/WebApp/api/v1/candidates/374188/web-login
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

DELETE <https://adaptserver:port/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
  }
}
```

<code>WL_GEN.LOGIN_NAME</code>	body	required	Candidate's web login name
<code>WL_GEN.PASSWORD</code>	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: <ul style="list-style-type: none">• 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

<code>X_WL_PERSON[0].PERSON</code>	body	The ID of a candidate an account matching details sent belongs to.
<code>WL_HISTORY.DT_LASTLOGIN</code>	body	Date of last login to web portal via account details sent

<code>WL_HISTORY.TM_LASTLOGIN</code>	body	Time of last login to web portal via account details sent
<code>WL_HISTORY.NO_LOGINS</code>	body	Number of successful logins to web portal via account details sent

Example Request

POST <https://adaptserver:port/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:port/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  
  }  
}
```


4.28 Get All Candidate's CV Documents

GET /v1/candidates/{CAND_ID}/cvs?CATEGORY=<category name(s)>

Get list of all Candidate's CV documents from all subcategories. This endpoint will return array basic document parameters like size, name etc. but without document content. Optional parameter CATEGORY allows specifying category/categories to fetch documents.

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate which documents are required
{CATEGORY}	Query string	optional	The name(s) of document category to fetch documents from. Possible values for this parameter: adapt (for Adapt CV category), custom (for Customised CV category) and original (for Original CV category)

Request Body

None

Responses

200 OK	Successful request. Response body contains "documents" element with the array of found documents.
204 No Content	No documents have been found. There is no response body.
400 Bad Request	CATEGORY parameter contains invalid category names. 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:port/WebApp/api/v1/candidates/653846/cvs?CATEGORY=adapt,custom>

Request Headers

Content-Type: application/json

x-adapt-sid: -2128394075610688452

Example Success Response

GET <https://adaptserver:port/WebApp/api/v1/candidates/653846/cvs?CATEGORY=adapt,custom>

HTTP status: 200 OK

```
{
  "documents": [
    {
      "NAME": "first CV",
      "FILETYPE": "first CV",
      "ID": "123456",
      "SIZE": "42496",
      "CATEGORY": "adapt",
      "DEFAULT": "Y",
      "CONTENT": ""
    },
    { ... }
  ]
}
```

4.29 Get CV Document Details

GET /v1/candidates/{CAND_ID}/cvs/{CV_ID}

Get full details of selected Candidate's CV document. Document content will be Base64-encoded

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate which document is required
{CV_ID}	URI	required	The ID of the CV document

Request Body

None

Responses

200 OK	Successful request. Response body contains document parameters.
400 Bad Request	Document with given ID is not a CV, or document has 'Deleted' mark. Response body contains ERROR_MSG element with further details.
404 Not Found	The candidate's CV document ID and/or Candidate ID specified in the URI does not exist. Response body contains ERROR_MSG element with further details.

Example Request

GET <https://adaptserver:port/WebApp/api/v1/candidates/653846/cvs/987654>

Request Headers

Content-Type: application/json

x-adapt-sid: -2128394075610688452

Example Success Response

GET <https://adaptserver:port/WebApp/api/v1/candidates/653846/cvs/987654>

HTTP status: 200 OK

```
{"NAME": "first CV",  
  "FILETYPE": "first CV",  
  "ID": "123456",  
  "SIZE": "42496",  
  "CATEGORY": "adapt",  
  "DEFAULT": "Y",  
  "CONTENT": "YmxhLWJsYS1ibGEgQ1YgYmxhLWJsYS1ibGE="}  
}
```

4.30 Create a new CV Document

POST /v1/candidates/{CAND_ID}/cvs

Create a new CV Document with received parameters and content. The request body contains JSON describing details of a new Document.

Request Body

```
{
  "DOCUMENT": {
    "NAME": string 255,
    "FILETYPE": string,
    "ID": string 0,
    "SIZE": numeric 0,
    "CATEGORY": string,
    "DEFAULT": string 1,
    "CONTENT": string
  }
}
```

<code>DOCUMENT.NAME</code>	body	required	New document name
<code>DOCUMENT.FILETYPE</code>	body	required	New document file type. Possible values are: doc, docx, rtf, txt, pdf
<code>DOCUMENT.ID</code>	body	required	Empty parameter, value will be ignored if not empty
<code>DOCUMENT.SIZE</code>	body	required	Empty parameter, value will be ignored if not empty
<code>DOCUMENT.CATEGORY</code>	body	required	The name of document category to pun new file to. Possible values: adapt (for Adapt CV category), custom (for Customised CV category) or original (for Original CV category)
<code>DOCUMENT.DEFAULT</code>	body	optional	The flag to make new document default. Possible values: Y , N . If parameter not sent - default mark will be treated as N . Only one default document may exist in each document category, so creating new document with DEFAULT parameter set to Y while default one already exists in corresponding category will simply move default mark from old document to a new one.
<code>DOCUMENT.CONTENT</code>	body	required	Base64 encoded document content

Responses

201 Created	New Document has been successfully created. Response body contains the ID of created Document.
404 Not Found	Invalid Candidate ID in URI was specified
400 Bad Request	<p>The request is invalid in some way:</p> <ul style="list-style-type: none">• There is no request body• Required field(s) is invalid or not specified <p>Response body contains ERROR_MSG element with further details.</p>

Response Body

<code>DOCUMENT.ID</code>	body	The ID of created document which can be used for further requests
--------------------------	------	---

Example Request

POST <https://adaptserver:port/WebApp/api/v1/candidates/123456/cvs>

Request Headers

Content-Type: application/json

x-adapt-sid: -1934801589449586697

Request Body

```
{
  "DOCUMENT":
  {
```

```
"NAME": "another CV doc",
"FILETYPE": "doc",
"ID": "",
"SIZE": "",
"CATEGORY": "adapt",
"CONTENT": "YmxhLWJsYS1ibGEgQ1YgYmxhLWJsYS1ibGE="
}
}
```

Example Success Response

POST <https://adaptserver:port/WebApp/api/v1/candidates/123456/cvs>

HTTP status: 201 Created

Response Body

```
{
  "DOCUMENT": {
    "ID": 670216
  }
}
```

4.31 Delete a CV Document

DELETE /v1/candidates/{CAND_ID}/cvs/{CV_ID}

Delete a CV document from Candidate's document library. This will only mark document as Deleted without physically removing document from category. Note that documents set as Default or Deleted in document category could not be deleted.

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate
{CV_ID}	URI	required	The ID of the CV document

Request Body

None

Responses

204 No Content	Document has been successfully deleted. There is no response body.
400 Bad Request	Specified Document already set as Deleted, or Default. Response body contains ERROR_MSG element with further details.
404 Not Found	The Candidate ID and/or Document ID specified in the URI do not exist. Response body contains ERROR_MSG element with further details.

Example Request

DELETE <https://adaptserver:port/WebApp/api/v1/candidates/123456/cvs/248942>

Request Headers

Content-Type: application/json
x-adapt-sid: -7312126792961998577

Example Success Response

DELETE <https://adaptserver:port/WebApp/api/v1/candidates/123456/cvs/248942>

HTTP status: 204 No Content

4.32 Retrieve working preferences for a Candidate

GET /v1/candidates/{CAND_ID}/workingpreferences

Retrieve a list of all working preferences for a Candidate.

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate whose Working Preferences are to be returned in the response
-----------	-----	----------	--

Request Body

None

Responses

200 OK	Successful request. Response body contains “progress” element with the array of found applications.
204 No Content	No Working Preferences have been found. There is no response body.
404 Bad 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:port/WebApp/api/v1/candidates/962719/workingpreferences
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

```
GET https://adaptserver:port/WebApp/api/v1/candidates/962719/workingpreferences
```

HTTP status: 200 OK

```
{
  "id": 962720,
  "defaultValue": "5087 ",
  "availableRoles": ["AVAILABILITY"],
  "defaultRole": "AVAILABILITY",
  "AV_PATTERN": [
    {
      "CAN_WORK": "Y",
      "END_TM": "13:00",
      "HOURS": null,
      "START_TM": "12:00",
      "REFERENCE": 962720,
      "CANDIDATE": 962719,
      "WEEK_DAY": 8252290,
      "BISUNIQUEID": 37933
    },
    {...}
  ]
}
```

Example Unsuccessful Response

GET <https://adaptserver:port/WebApp/api/v1/candidates/123456/workingpreferences>

HTTP status: 404 Not Found

```
{"ERROR_MSG": "Candidate ID is invalid"}
```

4.33 Update candidate's working preferences

POST /v1/candidates/{CAND_ID}/workingpreferences

PUT /v1/candidates/{CAND_ID}/workingpreferences

Update working preferences for a candidate. The request body contains JSON describing details of working preferences.

Request Parameters

{CAND_ID}	URI	required	The ID of the candidate working preferences will be updated for
-----------	-----	----------	---

Request Body

```
{
  "AV_PATTERN": [{
    "CAN_WORK": string 1,
    "END_TM": time,
    "HOURS": numeric,
    "START_TM": time,
    "REFERENCE": numeric,
    "CANDIDATE": numeric,
    "WEEK_DAY": numeric,
    "BISUNIQUEID": numeric
  },
  {...},
  ... ]
}
```

AV_PATTERN[<index>].CAN_WORK	body	optional	Y/N value defining can a candidate work or not
AV_PATTERN[<index>].END_TM	body	optional	End time of interval when candidate is available/ unavailable.
AV_PATTERN[<index>].HOURS	body	ignored	Code identifying availability working hours of candidate for day of week. Parameter is ignored
AV_PATTERN[<index>].START_TM	body	optional	Start time of interval when candidate is available/ unavailable.

<code>AV_PATTERN[<index>].REFERENCE</code>	body	ignored	The ID of the candidate's availability. Parameter is ignored
<code>AV_PATTERN[<index>].CANDIDATE</code>	body	ignored	The ID of the candidate. Parameter is ignored
<code>AV_PATTERN[<index>].WEEK_DAY</code>	body	required	Code identifying day of week.
<code>AV_PATTERN[<index>].BISUNIQUEID</code>	body	optional	The ID of entry of availability for candidate. Required if it is needed to update specific working preference. If it is missing a new entry will be added.

Responses

201 Created	Working preferences has been successfully updates.
400 Bad Request	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Required field(s) is invalid or not specified • Time format is invalid <p>Response body contains ERROR_MSG element with further details.</p>
404 Not Found	The candidate ID specified in the URI does not exist or doesn't have a linked availability entity. Response body contains ERROR_MSG element with further details

Example Request

POST <https://adaptserver:port/WebApp/api/v1/candidates/962719/workingpreferences>

Request Headers

Content-Type: application/json
x-adapt-sid: 3697842720802018480

Request Body

```
{
  "AV_PATTERN": [{
    "CAN_WORK": "Y",
    "END_TM": "17:00",
    "HOURS": null,
  }
]
```

```
    "START_TM": "8:00",
    "REFERNCE": 962720,
    "CANDIDATE": 962719,
    "WEEK_DAY": 8252288,
    "BISUNIQUEID": 39513
  },
  {
    "CAN_WORK": "Y",
    "END_TM": "15:00",
    "HOURS": null,
    "START_TM": "9:00",
    "REFERNCE": 962720,
    "CANDIDATE": 962719,
    "WEEK_DAY": 8252291
  }
]
```

Example Success Response

POST <https://adaptserver:port/WebApp/api/v1/candidates/962719/workingpreferences>

HTTP status: 201 Created

4.34 Get Candidate's (Un)Availability Records

GET /v1/candidates/{CAND_ID}/availability?FROM=<date-time>&TO=<date-time>

Get list of Candidate's Availability data. This endpoint will return array of Availability rows in given FROM – TO time period or for current month if time period was not specified. Please note that FROM – TO period could not be larger than 1 month.

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate to fetch Availability data from
from={date-time}	query string	optional	The timestamp* to find Availability data after given date-time
to={date-time}	query string	optional	The timestamp* to find Availability data 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 the array of found availability records.
204 No Content	No records have been found in given time period. There is no response body.
400 Bad Request	Invalid date-time parameters or something else. 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:port/WebApp/api/v1/candidates/653846/availability
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -2128394075610688452
```

Example Success Response

```
GET https://adaptserver:port/WebApp/api/v1/candidates/653846/availability
```

HTTP status: 200 OK

```
{ "AV_BOOKINGS": [{  
  "BISUNIQUEID": "123456",  
  "REFERENCE": "456789",  
  "AVAIL_DATE": "21/06/2016",  
  "START_TM": "15:00",  
  "END_TM": "16:00",  
  "HOURS": "0",  
  "STATUS": "8256959",  
  "APPOINTMENT": "987654",  
  "ASSIGNMENT": "147852",  
  "AV_STATUS": "8527014",  
  "UN_REASON": "8254594"  
},  
  {...} ]  
}
```


4.35 Create a new confirmed (Un)Availability record

POST /v1/candidates/{CAND_ID}/availability

Create a new (un)availability record(s) for a candidate. The request body contains JSON describing details of new records for candidate's Availability entity. This endpoint does not perform any validation according to availability entries intersection, this functionality is up to consuming software/service. As a result of endpoint work emails will be sent: A) email to candidate's consultant (if candidate has more than one role and if consultants for roles are not the same – emails will be sent to all consultants) to notify that availability of candidate has been changed and B) email to assignment's consultant – if unavailability has been posted and there is overlap with existing assignment booking

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate
-----------	-----	----------	-------------------------

Request Body

```
{
  "AV_BOOKINGS": [{
    "AVAIL_DATE": date,
    "START_TM": time,
    "END_TM": time,
    "HOURS": numeric,
    "STATUS": numeric,
    "UN_REASON": numeric
  },
  {...}]
}
```

AV_BOOKINGS.AVAIL_DATE	body	required	Date to add availability record on.
AV_BOOKINGS.START_TM	body	optional	Start time for availability booking *
AV_BOOKINGS.END_TM	body	optional	End time for availability booking *
AV_BOOKINGS.HOURS	body	optional	Selected Working Hours code.
AV_BOOKINGS.STATUS	body	required	Status code, identifying Availability/Unavailability entry.

<code>AV_BOOKINGS.UN_REASON</code>	body	optional	Code identifying Unavailability reason. Required if Status was set as Unavailability.
------------------------------------	------	----------	---

* Start and End time should be posted/not posted in pair only. If both Start and End times are not posted, default Start and End times for availability bookings from Adapt settings will be used

Responses

201 Created	Availability booking(s) has been successfully created. The response body contains the ID(s) of created availability entries.
400 Bad Request	The request is invalid in some way: <ul style="list-style-type: none">• There is no request body• Required field(s) is invalid or not specified• Data format is invalid
404 Not Found	The candidate ID specified in the URI does not exist. Response body contains ERROR_MSG element with further details.

Response Body

<code>AV_BOOKINGS.BISUNIQUEID</code>	body	ID(s) of created AV_BOOKINGS entry(ies) which can be used for further requests
--------------------------------------	------	--

Example Request

POST <https://adaptserver:port/WebApp/api/v1/candidates/674188/availability>

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Request Body

```
{  
  "AV_BOOKINGS":
```

```
[ {
  "AVAIL_DATE": "24/06/2016",
  "START_TM": "12:00",
  "END_TM": "15:00",
  "HOURS": "8256963",
  "STATUS": "8256959",
  "UN_REASON": "8254594"
},
{
  "AVAIL_DATE": "24/06/2016",
  "START_TM": "18:00",
  "END_TM": "19:00",
  "HOURS": "8256963",
  "STATUS": "8256959",
  "UN_REASON": "8254594"
} ]
}
```

Example Success Response

POST <https://adaptserver:port/WebApp/api/v1/candidates/674188/availability>

HTTP status: 201 Created

Response Body

```
{
  "AV_BOOKINGS": [ {
    "BISUNIQUEID": 123456
  }, {
    "BISUNIQUEID": 123457
  } ]
}
```


4.36 Delete an (Un)Availability Record

DELETE /v1/candidates/{CAND_ID}/availability/{AV_ID}

Delete an (un)availability record from Candidate.

Request Parameters

{CAND_ID}	URI	required	The ID of the Candidate
{AV_ID}	URI	required	The ID of the (un)availability record (BISUNIQUEID for a row in AV_BOOKINGS)

Request Body

None

Responses

204 No Content	(Un)availability record has been successfully deleted. There is no response body.
404 Not Found	The Candidate ID and/or Availability ID specified in the URI do not exist. Response body contains ERROR_MSG element with further details.

Example Request

```
DELETE https://adaptserver:port/WebApp/api/v1/candidates/123456/availability/248942
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -7312126792961998577
```

Example Success Response

DELETE <https://adaptserver:port/WebApp/api/v1/candidates/123456/availability/248942>

HTTP status: 204 No Content

5. Companies

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

METHOD SUMMARY

[Retrieve Company Details](#)

GET /v1/companies/{COMP_ID}

[Create a Company](#)

POST /v1/companies

[List of Contacts for a Company](#)

GET /v1/companies/{COMP_ID}/contacts

[Link Contact to a Company](#)

POST /v1/companies/{COMP_ID}/contacts

[Remove Contact from a Company](#)

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:port/WebApp/api/v1/companies/123456?INCLUDE=CLIENT\_GEN
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

```
GET https://adaptserver:port/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
    }]
}

```

<code>CLIENT_GEN.NAME</code>	body	required	Company's name
<code>CLIENT_GEN.CLIENT_TYPE</code>	body	required	Code identifying company type.
<code>CLIENT_GEN.CL_CODE_AW</code>	body	optional	Client Bureau Code required for payroll exports
<code>CLIENT_GEN.COMP_REG</code>	body	optional	Registration number
<code>CLIENT_GEN.CURRENCY</code>	body	optional	Code identifying currency used by a company.
<code>CLIENT_GEN.FIN_YEAR</code>	body	optional	Code identifying the end of financial year.
<code>CLIENT_GEN.SOURCE</code>	body	optional	Code identifying the source used by a company to learn about the agency.
<code>CLIENT_GEN.STATUS</code>	body	optional	Code identifying company status.
<code>CLIENT_GEN.VAT_NO</code>	body	optional	VAT number
<code>CLIENT_GEN.VAT_EX</code>	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.
<code>CLIENT_GEN.WEB_ADD</code>	body	optional	Web site address of a company.
<code>ADDRESS[0].OCC_ID</code>	body	required	Value identifying address type. Company address is stored in primary ("Primary") occurrence.
<code>ADDRESS[0].STREET1</code>	body	required	Address line 1
<code>ADDRESS[0].STREET2</code>	body	optional	Address line 2
<code>ADDRESS[0].LOCALITY</code>	body	optional	Locality
<code>ADDRESS[0].TOWN</code>	body	optional	Town
<code>ADDRESS[0].COUNTY</code>	body	optional	County

ADDRESS[0].POST_CODE	body	optional	Post code
ADDRESS[0].COUNTRY	body	optional	Code identifying the country.
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.
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.

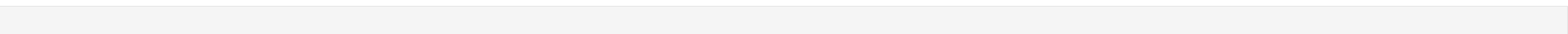
Responses

201 Created	Successful request. Response body contains the ID of created company.
400 Bad Request	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body • Required field(s) is invalid or not specified • Data is invalid <p>Response body contains ERROR_MSG element with further details.</p>

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:port/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:port/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:port/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:port/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: <ul style="list-style-type: none">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:port/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:port/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:port/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:port/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](#)

GET /v1/contacts

[Retrieve Contact Details](#)

GET /v1/contacts/{CONTACT_ID}

[Create a Contact](#)

POST /v1/contacts

[Update a Contact](#)

PUT /v1/contacts/{CONTACT_ID}

[Delete a Contact](#)

DELETE /v1/contacts/{CONTACT_ID}

[List of Jobs for a Contact](#)

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

<code>contactId={CONT_ADAPT_ID}</code>	query string	optional	The Adapt ID of a contact
<code>firstName={FIRST_NAME}</code>	query string	optional	First name
<code>lastName={LAST_NAME}</code>	query string	optional	Last name
<code>companyId={COMPANY_ADAPT_ID}</code>	query string	optional	The Adapt ID of a company which a contact represents
<code>email={EMAIL_ADD}</code>	query string	optional	Contact work email
<code>telephone={TEL_NUMBER}</code>	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:port/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:port/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:port/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:port/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
}

```

<code>X_CLIENT_CON[0].CLIENT</code>	body	required	The ID of a company a contact to be created for
<code>PERSON_GEN.TITLE</code>	body	required	Code identifying the person title.
<code>PERSON_GEN.FIRST_NAME</code>	body	required	First name
<code>PERSON_GEN.LAST_NAME</code>	body	required	Last name
<code>PERSON_GEN.SALUTATION</code>	body	required	Salutation
<code>PERSON_GEN.JOB_TITLE</code>	body	optional	Job title. If this value is not sent the default value will be set ("Contact").
<code>CONT_GEN.DEPT_NAME</code>	body	optional	Department name
<code>PERSON_GEN.LINKEDIN</code>	body	optional	Contact's LinkedIn profile link (URI)

CONT_GEN.LOCATION_CD	body	optional	Code identifying the location.
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.
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.

<code>WL_GEN.PASSWORD</code>	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
<code>ResearcherNotes</code>	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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body or bad JSON format • Required field(s) is invalid or not specified • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>

Example Request

POST <https://adaptserver:port/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:port/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.
CONT_GEN.STATUS	body	not empty	Code identifying contact status.

<code>EMAIL[<index>].EMAIL_ADD</code>	body	not empty	Contact work email address cannot be cleared if a contact has a web login.
<code>ADDRESS[0].OCC_ID</code>	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.
<code>ADDRESS[0].STREET1</code>	body	not empty	Address line 1

Responses

201 Created	Contact has been successfully updated. The response body is empty
400 Bad Request	<p>The request is invalid in some way:</p> <ul style="list-style-type: none"> • There is no request body or bad JSON format • Required field(s) is invalid or not specified • Data format is invalid <p>Response body contains ERROR_MSG element with further details.</p>
204 Not Found	Contact has been successfully updated. The response body is empty

Example Request

PUT <https://adaptserver:port/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:port/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:port/WebApp/api/v1/contacts/248942
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

DELETE <https://adaptserver:port/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.
JobType={TYPE1,TYPE2,...}	query string	optional	Code(s) identifying the type of jobs that are to be returned.

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:port/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:port/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: <ul style="list-style-type: none">• 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:port/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:port/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:port/WebApp/api/v1/contacts/248942/web-login
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

DELETE <https://adaptserver:port/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
  }
}
```

<code>WL_GEN.LOGIN_NAME</code>	body	required	Contact's web login name
<code>WL_GEN.PASSWORD</code>	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: <ul style="list-style-type: none">• 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

<code>X_WL_PERSON[0].PERSON</code>	body	The ID of a contact an account matching details sent belongs to.
<code>WL_HISTORY.DT_LASTLOGIN</code>	body	Date of last login to web portal via account details sent

<code>WL_HISTORY.TM_LASTLOGIN</code>	body	Time of last login to web portal via account details sent
<code>WL_HISTORY.NO_LOGINS</code>	body	Number of successful logins to web portal via account details sent

Example Request

POST <https://adaptserver:port/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:port/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](#)

GET /v1/interviews

[Retrieve Interview Details](#)

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

<code>cand={CAND_ID}</code>	query string	optional	The ID of the candidate to find interviews associated with
<code>job={JOB_ID}</code>	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: <ul style="list-style-type: none">Invalid property is sent in INCLUDE parameterInvalid ID is sent in query string Response body contains ERROR_MSG element with further details.

Example Request

```
GET https://adaptserver:port/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:port/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:port/WebApp/api/v1/interviews/668446?INCLUDE=IV\_GEN
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

```
GET https://adaptserver:port/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 or 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](#)

GET /v1/jobs

[Retrieve Job Details](#)

GET /v1/jobs/{JOB_ID}

[Create a Job](#)

POST /v1/jobs

[Update a Job](#)

PUT /v1/jobs/{JOB_ID}

[Delete a Job](#)

DELETE /v1/jobs/{JOB_ID}

[Candidate Application from the web](#)

POST /v1/jobs/{JOB_ID}/web-responses

[Candidate 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.

Endpoint response by default will contain `##JOB_DUTIES` property which exposes Job Duties notes content. Please note – in order to get this property using INCLUDE its recommended to encode prepared URL to avoid sending unsafe characters like #. For instance, function `Server.UrlEncode()` can be used in ASP.net or direct replacement of special characters can be used. In this case # can be replaced with %23.

Request Parameters

<code>title={JOB_TITLE}</code>	query string	optional	Job title. Search by part of title is supported.
<code>status={STATUS}</code>	query string	optional	Code identifying the status of a job.
<code>id={JOB_ID}</code>	query string	optional	The Adapt ID of a job
<code>pcode={POST_CODE}</code>	query string	optional	Job address - post code
<code>town={TOWN}</code>	query string	optional	Job address – town
<code>sdatef={DATE_FROM}</code>	query string	optional	Job start date bottom border – fetch Jobs with start date after specified date
<code>sdatet={DATE_TO}</code>	query string	optional	Job start date top border – fetch Jobs with start date before specified date
<code>jcat={JOB_CATEGORY}</code>	query string	optional	Code identifying the job category.
<code>phone={CLIENT_PHONE}</code>	query string	optional	Owning client’s phone number
<code>cname={CLIENT_NAME}</code>	query string	optional	Owning client’s name
<code>contname={CONTACT_NAME}</code>	query string	optional	Job’s contact name
<code>hot={HOT_JOB}</code>	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:port/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:port/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.

Endpoint response by default will contain `##JOB_DUTIES` property which exposes Job Duties notes content. Please note – in order to get this property using INCLUDE its recommended to encode prepared URL to avoid sending unsafe characters like #. For instance, function `Server.UrlEncode()` can be used in ASP.net or direct replacement of special characters can be used. In this case # can be replaced with %23.

Request Parameters

<code>{JOB_ID}</code>	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:port/WebApp/api/v1/jobs/675856?INCLUDE=JOB_GEN

Request Headers

Content-Type: application/json
x-adapt-sid: -781258615963667244

Example Success Response

GET https://adaptserver:port/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.
JOB_GEN.JOB_TITLE	body	required	Job title
JOB_GEN.PRIM_JCAT_AW	body	required	Code identifying primary job category.
JOB_GEN.START_DT	body	required	Job start date
JOB_GEN.CONNS1	body	required	Job consultant ID (There can be up to 4 consultants. For more details see job specification)
JOB_GEN.CONNS1_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: <ul style="list-style-type: none">• 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:port/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:port/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.
JOB_GEN.JOB_TITLE	body	not empty	Job title
JOB_GEN.PRIM_JCAT_AW	body	unchangeable	Code identifying primary job category.
JOB_GEN.START_DT	body	not empty	Job start date
JOB_GEN.STATUS	body	not empty	Code identifying job status.
JOB_GEN.CLOSE_REASON	body	not empty	Code identifying a reason for job closure. This value is required if “Closed” (2949067) value was sent in status field.
JOB_GEN.CONSL	body	not empty	Job consultant ID (There can be up to 4 consultants. For more details see job specification)
JOB_GEN.CONSL_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.
JOB_ACENTRAL.LOCATION	body	not empty	Job location to show on Adapt Central.
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	<p>The request is invalid in some way:</p> <ul style="list-style-type: none">• There is no request body• Required field(s) is invalid or not specified <p>Response body contains ERROR_MSG element with further details.</p>

Example Request - permanent job

PUT <https://adaptserver:port/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:port/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:port/WebApp/api/v1/jobs/246411
```

Request Headers

```
Content-Type: application/json  
x-adapt-sid: -781258615963667244
```

Example Success Response

DELETE <https://adaptserver:port/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: <ul style="list-style-type: none">• 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:port/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:port/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: <ul style="list-style-type: none">• 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:port/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:port/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](#)

POST /v1/search/job-search

9.1 Search for Jobs

POST /v1/search/job-search

Search for jobs of all types matching the criteria specified in the request body and create a saved search result set. If no search criteria are provided all jobs in the system will be included in the saved result set.

In addition to the criteria specified in the request body the following criteria are always applied:

- Job Status – must be one of [Authorised](#), [Shifts in Progress](#), [Unfilled Contract Job](#), [Unfilled Perm Job](#), [Unfilled Temp Job](#)
- Visible on Web Portal – must be 'yes'.

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
  }
}
```

<code>SEARCH.JOBID</code>	body	JOB_GEN.JOB_ID	The Adapt ID of a job
<code>SEARCH.KEYWORDS</code>	body	JOB_GEN.JOB_TITLE	Job title. Search by part of job title is supported
<code>SEARCH.MINSALARY</code>	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.
SEARCH.SKILL1 SEARCH.SKILL2 SEARCH.SKILL3 SEARCH.SKILL4	body	SKILLS[].SKILL	Code identifying required skills.
SEARCH.JOBCATEGORY1 SEARCH.JOBCATEGORY2 SEARCH.JOBCATEGORY3 SEARCH.JOBCATEGORY4	body	JOB_CAT[].JOB_CATEGORY	Code identifying job category.
SEARCH.LOCATION1 SEARCH.LOCATION2 SEARCH.LOCATION3 SEARCH.LOCATION4	body	JOB_GEN.LOCATION_CD	Code identifying location of a job.
SEARCH.JOBTYP1 SEARCH.JOBTYP2 SEARCH.JOBTYP3 SEARCH.JOBTYP4	body	JOB_GEN.JOB_TYPE	Code identifying job type of a job.

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/WebApp/api/v1/search/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/WebApp/api/v1/search/job-search>

HTTP status: 201 Created

Response Body

```
{  
  "SEARCHID": 123456  
}
```