FOUR LABS

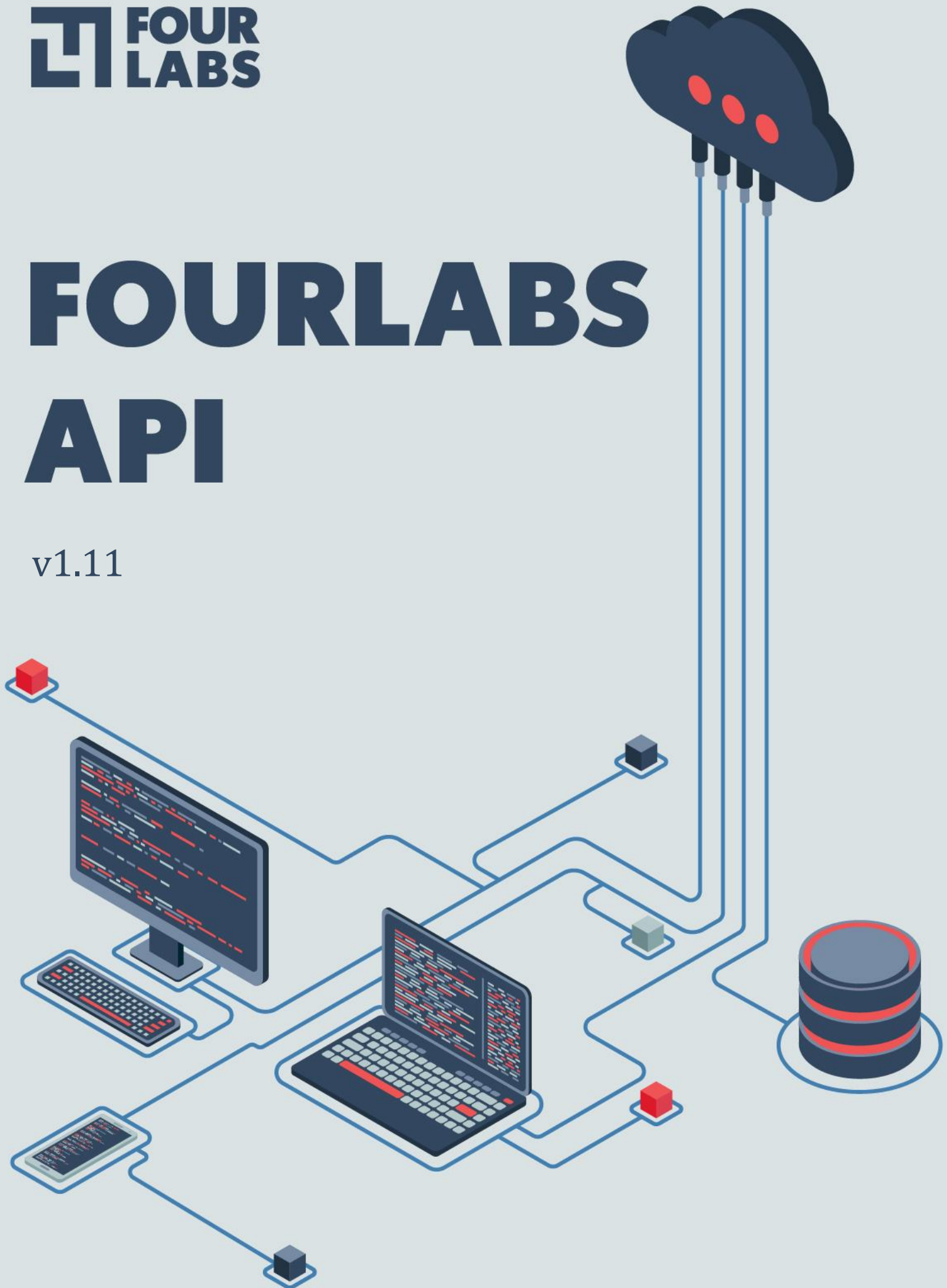# FOURLABS API

v1.11

Document Revisions

Version	Description	Author	Date
1.0	First draft	JJ	26/06/13
1.1	Added Screensketch amendment section	JJ	02/07/13
1.2	Added new methods	JJ	26/11/13
1.3	Added details of how to post a sketch to an existing job	JJ	28/03/14
1.4	Passed additional field 'IsAreaFile' in FinalPlans response	JJ	02/06/14
1.5	Added new methods for Message retrieval	JF	21/06/17
1.6	ThirdPartyClientId added to PreferenceNames	JF	21/08/17
1.7	IsArchived added to return data for Job Status	JF	13/09/17
1.8	Revised URLs	AS	07/08/20
1.9	Updated Job additional sketches POST details	AS	15/01/21
1.10	Inserted new endpoints for preference name audit and photo preference name audit functionality	CJ	01/02/22
1.11	Updated Get Jobs filters	KT	03/06/24

Contents

Introduction

FourLabs is an online application that delivers a quality, cost effective floor plan drawing and property photography enhancing service to property professionals and private individuals around the world. This document details how customers of FourLabs can access the API to allow integration into their own internal systems.

REST API V1 Resources

The URLs to the FourLabs environment can be found here:

Environment	URL	Description
PreProduction	https://screensketchapitest.azurewebsites.net	API
Production	https://api.fourlabs.co	API

Gaining access to the API

An API token is required in order to access this service. The API token can be retrieved from the website by carrying out the following actions:

1. Login to the website
2. Go to "My Account" tab
3. Click "My API Token" link
4. API token available on this page

A new API token can be generated at any time by clicking on "Generate New API Token". This will replace the current API token with a new one that must then be used for accessing the API service.

Authentication

All API method calls require the API token to be passed in the **Authorization** header of the request. This authentication scheme is often referred to as "Token Authentication" and simply uses a token-based HTTP authentication scheme.

Example authorization header:

Authorization: Token C4krIeQoXSWvjYU

Caching

At this time, caching has not been implemented within the API. We will however look to introduce this at some future point.

Error Responses

All errors raised by the application will include a message body with the following definition.

Error Response Body	Description
status	The HTTP status code
message	A description of the error encountered
code*	A sub-error code, (not currently used)

*Not currently in use, but at some future point we may add sub-error codes to provide more granular information on errors encountered.

Example invalid request:

```
curl "https://api.fourlabs.co/v1/jobs/64512" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example full response:

```
HTTP/1.1 404 Not Found
Cache-Control: no-cache
Pragma: no-cache
Content-Type: application/json; charset=utf-8
Expires: -1
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type Access-Control-Allow-Methods: GET,
POST, PUT, DELETE, OPTIONS
Date: Mon, 16 Dec 2013 12:59:03 GMT
Content-Length: 72

{"status":400,"message":"The passed job id not exists for this account","code":0}
```

Supported Response Formats

The API currently supports json and xml response formats, with the json format defined as the default. To explicitly specify a response format, a file type extension can be applied to the end of the URL.

Sample Json request:

```
curl "https://api.fourlabs.co/v1/jobs/1234.json" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Xml request:

```
curl "https://api.fourlabs.co/v1/jobs.xml" –H "Authorization: Token C4krIeQoXSWvjYU"
```

The response format can also be dictated by passing the appropriate "Accept" header as part of the request. (If a file type extension is also applied to the URL, the file type extension will take precedence).

Example Json request – Accept Header:

```
curl "https://api.fourlabs.co/v1/jobs/1234" –H "Authorization: Token C4krIeQoXSWvjYU" -H
"Accept: application/json"
```

Supported HTTP Response Statuses

Below is a list of status codes that can be returned by the system.

HTTP Status Code	Reason	Description
200	OK	Request completed successfully
202	Accepted	Asynchronous requests called successfully, not yet completed
204	No Content	When an action is completed successful, but no content returned
400	Bad Request	Validation error encountered, e.g. parameters passed-in not meeting expected value range rules
401	Unauthorized	A request made to a resource where access was required and not granted
403	Forbidden	Request made to a resource that the client is not allowed to access; e.g. config file
404	Not Found	Resource not found
500	Internal Server Error	There was an internal server error

Response Status Suppression

Some types of applications, do not handle HTTP response codes other than a 200 OK status code. As a result we have added catering for the querystring key/value; **suppress_response_codes=true**, which when specified ensures that all responses from the API are 200 OK status codes. When an error is encountered, the details of the error, including the intended status code are written to the response body.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/64512?suppress_response_codes=true" –H
"Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
HTTP/1.1 200 OK
Cache-Control: no-cache
Pragma: no-cache
Content-Type: application/json; charset=utf-8
Expires: -1
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type Access-Control-Allow-Methods: GET,
POST, PUT, DELETE, OPTIONS
Date: Mon, 16 Dec 2013 12:59:03 GMT
Content-Length: 72


{"status":400,"message":"The passed job id not exists for this account","code":0}
```

Methods

The API is made up of the following resources:

Clients

Verb	Resource
GET	v1/Clients/PreferenceNames?preferenceType={preferenceType}& includeStandard={includeStandard} v1/Clients/PreferenceNames.{ext}?preferenceType= {preferenceType}&includeStandard={includeStandard} Retrieve a list of unique preference names, each of which is associated with a set of preference options
GET	v1/Clients/ThirdPartyUsers v1/Clients/ThirdPartyUsers.{ext} Retrieve a list of third party users setup for the account

Jobs

Verb	Resource
GET	v1/Jobs v1/Jobs.{ext} Retrieves a list of all jobs for the client
GET	v1/Jobs/{id} v1/Jobs/{id}.{ext} Retrieves the specified job information – this is a cut down of the information returned by the v1/Jobs/Details resource
GET	v1/Jobs/Details/{id} v1/Jobs/Details/{id}.{ext} Retrieves a job's complete details for the specified unique job identifier
GET	v1/Jobs/DraftAmendmentFile?jobId={jobId}&fileId={fileId} v1/Jobs/DraftAmendmentFile.{ext}?jobId={jobId}&fileId={fileId} Retrieves the amendable file for the specified unique job identifier
GET	v1/Jobs/DraftAmendmentPlans/{id}

```
v1/Jobs/DraftAmendmentPlans/{id}.{ext}
```

Retrieves the list of draft amendable plans for the specified unique job identifier

```
GET v1/Jobs/DraftFile?jobId={jobId}&fileId={fileId}

    v1/Jobs/DraftFile.{ext}?jobId={jobId}&fileId={fileId}
```

Retrieves the draft file for the specified unique job identifier

```
GET v1/Jobs/DraftPlans/{id}

    v1/Jobs/DraftPlans/{id}.{ext}
```

Retrieves the list of draft plans for the specified unique job identifier

```
GET v1/Jobs/FinalFile?jobId={jobId}&fileId={fileId}

v1/Jobs/FinalFile.{ext}?jobId={jobId}&fileId={fileId}
```

Retrieves the final file for the specified unique job identifier

```
GET    v1/Jobs/FinalPlans/{id}

       v1/Jobs/FinalPlans/{id}.{ext}
```

Retrieves the list of final plans for the specified unique job identifier

```
GET    v1/Jobs/Id?jobType={jobType}&externalReference={externalReference}

       v1/Jobs/Id.{ext}?jobType={jobType}&externalReference=
       {externalReference}
```

Retrieves a unique job identifier for an external reference

```
GET    v1/Jobs/Sketches/{id}

       v1/Jobs/Sketches/{id}.{ext}
```

Retrieves a list of sketches for the specified unique job identifier

```
GET    v1/Jobs/SketchFile?jobId={jobId}&fileId={fileId}

       v1/Jobs/SketchFile.{ext}?jobId={jobId}&fileId={fileId}
```

Retrieves a sketch file for the specified unique job identifier

```
GET    v1/Jobs/Status/{id}

       v1/Jobs/Status.{ext}/{id}
```

Retrieves the current status of a job

GET	`v1/Jobs/Status?jobType={jobType}&externalReference={externalReference}`	
	`v1/Jobs/Status.{ext}?jobType={jobType}&externalReference={externalReference}`	
	Retrieves the current status of a job	

POST   `Jobs`

 Responsible for creating a job and uploading additional sketches to the existing job

POST   `Jobs/Amendment`

Responsible for sending amendments to the FourLabs drawing office

POST   `Jobs/Complete`

Responsible for changing the status of the specified job to be "Completed". The final plans will be released only if the job status is "Completed"

POST   `Jobs/SendMessage`
Responsible for sending a message to the FourLabs drawing-office or head-office as specified

GET   `v1/Jobs/Status?jobType={jobType}&externalReference={externalReference}`

Clients

GET v1/Clients/PreferenceNames?preferenceType={preferenceType}&includeStandard={includeStandard}&thirdPartyClientId={thirdPartyClientId}

Inputs:

Parameter	Data Type	Mandatory	Description
preferenceType	Enumeration	N	Enumeration: 1=Floorplans,2=Photos Possible Values: 1,Floorplans,2,Photos Default: Floorplans
includeStandard	Boolean	N	Default is "false"
thirdPartyClientId	Integer	N	The Id of a specific third party Client

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of the preference name. This can be passed when submitting a new job using: POST v1/Jobs/
Name	String	Name of the preference

Example Json requests:

```
curl
"https://api.fourlabs.co/v1/clients/PreferenceNames?preferenceType=Floor plans" – H
"Authorization: Token C4krIeQoXSWvjYU"

curl
"https://api.fourlabs.co/v1/clients/PreferenceNames?preferenceType=1" –H "Authorization:
Token C4krIeQoXSWvjYU"
```

Example Json response:

```
[
 { "Id" : 928,
    "Name" : "[DEFAULT]"
  },
  { "Id" : 929,
    "Name" : "Client A"
  }
]
```

GET v1/Clients/ThirdPartyUsers

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of the Third party user
ThirdPartyClientId	Integer	The unique identifier of the third party client. If the job belongs to third party user it can be passed when submitting a new job using POST v1/Jobs/
PreferenceNameIds	String	Ids of Floorplan PreferenceNames which are assigned to a third party user
PhotoPreferenceNameIds	String	Ids of Photo PreferenceNames which are assigned to a third party user
IsSubmitJobsAllowed	Boolean	Indicates whether user has access to submit a new job
IsViewPriceDetailsAllowed	Boolean	Indicates whether user has access to view the job cost
CreatedDate	DateTime	Third party user's created date
ModifiedDate	DateTime	Third party user's modified date
IsWebsiteAccessAllowed	Boolean	Indicates whether user has access to the website
IsNotificationEmailEnabled	Boolean	Indicates whether user should receive an email about draft copy uploaded
FullName	String	Third party user full name
CompanyName	String	Third party user company name if any

Example Json requests:

```
curl "https://api.fourlabs.co/v1/clients/ThirdPartyUsers" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "Id": 1,
    "ClientId": 2,
    "ParentClientId": 3,
    "PreferenceNameId": 4,
    "PhotoPreferenceNameId": 5,
    "PreferenceName": "sample string 6",
    "PhotoPreferenceName": "sample string 7",
    "IsSubmitJobsAllowed": true,
    "IsViewPriceDetailsAllowed": true,
    "CreatedDate": "2013-12-17T14:14:57.1537205+00:00",
    "ModifiedDate": "2013-12-17T14:14:57.1537205+00:00",
    "IsWebsiteAccessAllowed": true,
```

```json
      "IsNotificationEmailEnabled": true,
      "FullName": "sample string 14",
      "CompanyName": "sample string 15"
    },
    {
      "Id": 1,
      "ClientId": 2,
      "ParentClientId": 3,
      "PreferenceNameId": 4,
      "PhotoPreferenceNameId": 5,
      "PreferenceName": "sample string 6",
      "PhotoPreferenceName": "sample string 7",
      "IsSubmitJobsAllowed": true,
      "IsViewPriceDetailsAllowed": true,
      "CreatedDate": "2013-12-17T14:14:57.1537205+00:00",
      "ModifiedDate": "2013-12-17T14:14:57.1537205+00:00",
      "IsWebsiteAccessAllowed": true,
      "IsNotificationEmailEnabled": true,
      "FullName": "sample string 14",
      "CompanyName": "sample string 15"
    },
    {
      "Id": 1,
      "ClientId": 2,
      "ParentClientId": 3,
      "PreferenceNameId": 4,
      "PhotoPreferenceNameId": 5,
      "PreferenceName": "sample string 6",
      "PhotoPreferenceName": "sample string 7",
      "IsSubmitJobsAllowed": true,
      "IsViewPriceDetailsAllowed": true,
      "CreatedDate": "2013-12-17T14:14:57.1537205+00:00",
      "ModifiedDate": "2013-12-17T14:14:57.1537205+00:00",
      "IsWebsiteAccessAllowed": true,
      "IsNotificationEmailEnabled": true,
      "FullName": "sample string 14",
      "CompanyName": "sample string 15"
    } ]
```

Jobs

GET v1/Jobs/{id}?StatusID={StatusId}& StartDate={date time:yyyy-MM-dd}&EndDate={datetime:yyyy-MM- dd}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	N	The unique identifier of the job. If the identifier is omitted from the request, all jobs will be returned.
StatusID	Integer	N	0 - All 1 - New Job 2 - Job in progress 3 - Draft copy uploaded 4 - Amendments requested 5 - Completed
StartDate	DateTime	N	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31
EndDate	DateTime	N	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31

Note: Execute the API Method GET v1/Jobs with no parameter value for the id

Outputs:

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the job
Reference	String	Job's referene or property address
BasicCost	Decimal	Job's basic cost
ExtraCost	Decimal	Job's additional cost like additional sqft cost
FeatureCost	Decimal	Job's preference cost if any
Dimensions	Integer	Job's final plan area
DateInstructed	DateTime	Job's submitted date
Notes	String	Instruction to drawing office if any
DateCompleted	DateTime	Job's completed date

FileTypes	String	Final plan file types
ExternalReference	String	External reference if any
Status	String	Status of the job

Example Json request to get "all" jobs:

```
curl "https://api.fourlabs.co/v1/jobs" –H "Authorization: Token C4krIeQoXSWvjYU"


curl "https://api.fourlabs.co/v1/jobs?StatusID=0&StartDate=2018-08-13&EndDate=2020-08-
13" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "JobId": 1,
    "Reference": "sample string 1",
    "BasicCost": 3.0,
    "ExtraCost": 4.0,
    "FeaturesCost": 5.0,
    "Dimensions": 6,
    "DateInstructed": "2013-12-17T14:26:58.3960748+00:00",
    "Notes": "sample string 8",
    "DateCompleted": "2013-12-17T14:26:58.3960748+00:00",
    "FileTypes": "jpeg;pdf",
    "ExternalReference": AA11,
    "Status": "sample string 12"
  },
  {
    "JobId": 2,
    "Reference": "sample string 2",
    "BasicCost": 3.0,
    "ExtraCost": 4.0,
    "FeaturesCost": 5.0,
    "Dimensions": 6,
    "DateInstructed": "2013-12-17T14:26:58.3960748+00:00",
    "Notes": "sample string 8",
    "DateCompleted": "2013-12-17T14:26:58.3960748+00:00",
    "FileTypes": "jpeg;pdf",
    "ExternalReference": AA 11,
    "Status": "sample string 12"
  },
  {
    "JobId": 3,
    "Reference": "sample string 2",
    "BasicCost": 3.0,
    "ExtraCost": 4.0,
    "FeaturesCost": 5.0,
    "Dimensions": 6,
    "DateInstructed": "2013-12-17T14:26:58.3960748+00:00",
    "Notes": "sample string 8",
    "DateCompleted": "2013-12-17T14:26:58.3960748+00:00",
    "FileTypes": "jpeg;pdf",
    "ExternalReference": AA11,
    "Status": "sample string 12"
  } ]
```

Example Json request to get a specific job:

```
curl "https://api.fourlabs.co/v1/jobs/5006" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
{
    "JobId": 5006,
    "Reference": "sample string 5006",
    "BasicCost": 3.0,
    "ExtraCost": 4.0,
    "FeaturesCost": 5.0,
    "Dimensions": 6,
    "DateInstructed": "2013-12-17T14:26:58.3960748+00:00",
    "Notes": "sample string 8",
    "DateCompleted": "2013-12-17T14:26:58.3960748+00:00",
    "FileTypes": "jpeg;pdf",
    "ExternalReference": AA11,
    "Status": "sample string 12"
}
```

GET v1/Jobs/Details/{id}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

Note: Execute the API Method GET v1/Jobs for the id

Outputs:

The response is complex object made up of the following information:

- Job information
- List of sketches
- List of draft plans
- List of draft amendment plans
- List of final plans
- List of job preferences

Job Information

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the job
Reference	String	Job's referene or property address
BasicCost	Decimal	Job's basic cost
ExtraCost	Decimal	Job's additional cost like additional sqft cost
FeatureCost	Decimal	Job's preference cost if any
Dimensions	Integer	Job's final plan area
DateInstructed	DateTime	Job's submitted date
Notes	String	Instruction to drawing office if any
DateCompleted	DateTime	Job's completed date
FileTypes	String	Final plan file types
ExternalReference	String	External reference if any
Status	String	Status of the job

Sketches

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	File name of the Sketch
DateUploaded	DateTime	Sketch uploaded date
Comments	String	Comments if any

Draft plans

Parameter	Data Type	Description
Id	Integer	The unique identifier of the draft plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	File name of the Draft plan
DateUploaded	DateTime	Draft plan uploaded date
IsThreeD	Boolean	Indicates whether the plan is 3D

Draft Amendment plans

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FloorPlanId	Integer	The unique identifier of the draft floor plan
FileName	String	File name of the draft amendment plan
Comments	String	Comments
DateRequested	DateTime	Draft amendment plan requested date

Final plans

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	File name of the Final plan
DateUploaded	DateTime	Final plan uploaded date
IsThreeD	Boolean	Indicates whether the plan is 3D

Job Preferences

Parameter	Data Type	Description
PreferenceName	String	Job's preference
PreferenceOptionName	String	Job's preference option

Example request Json to get a specific job:

```
curl "https://api.fourlabs.co/v1/jobs/details/5006" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example response Json:

```
{
 {
  "JobInfo": {
    "JobId": 5006,
    "Reference": "sample string 2",
    "BasicCost": 3.0,
    "ExtraCost": 4.0,
    "FeaturesCost": 5.0,
    "Dimensions": 6,
    "DateInstructed": "2013-12-17T14:44:57.7460039+00:00",
    "Notes": "sample string 8",
    "DateCompleted": "2013-12-17T14:44:57.7460039+00:00",
    "FileTypes": " jpeg;pdf",
    "ExternalReference": 11,
    "Status": "sample string 12"
  },
  "FinalPlans": [
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
```

```
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Watermarked": true,
      "ThreeD": true
    },
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Watermarked": true,
      "ThreeD": true
    }
  ],
  "DraftPlans": [
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Watermarked": true,
      "ThreeD": true
    },
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Watermarked": true,
      "ThreeD": true
    }
  ],
```

```json
  "AmendmentPlans": [
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FloorPlanId": 3,
      "Comments": "sample string 4",
      "FilePath": "sample string 5",
      "DateRequested": "2013-12-17T14:44:57.7460039+00:00"
    },
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FloorPlanId": 3,
      "Comments": "sample string 4",
      "FilePath": "sample string 5",
      "DateRequested": "2013-12-17T14:44:57.7460039+00:00"
    }
  ],
  "Sketches": [
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Amendments": true,
      "Comments": "sample string 7"
    },
    {
      "Id": 1,
      "ClientJobId": 5006,
      "FilePath": "sample string 3",
      "FileSize": 4,
      "DateUploaded": "2013-12-17T14:44:57.7460039+00:00",
      "Amendments": true,
      "Comments": "sample string 7"
    }
  ],
  "JobPreferences": [
    {
      "PreferenceName": "sample string 1",
      "PreferenceOptionName": "sample string 2"      },
    {
      "PreferenceName": "sample string 1",
      "PreferenceOptionName": "sample string 2"
    }
  ]
}
```

GET v1/Jobs/DraftAmendmentFile?jobId={jobId}&fileId ={fileId}

Inputs:

Parameter	Data Type	Mandatory	Description
jobId	Integer	Y	The unique identifier of the job
fileId	Integer	Y	The FourLabs unique reference for each draft plan which can be retrieved using DraftAmendmentPlans method

Note:	
	Execute the API Method GET v1/Jobs for the jobId
	Execute the API Method GET v1/Jobs/DraftAmendmentPlans for the fileId

Outputs:

The response from the request will be streamed back to the calling code.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/DraftAmendmentFile?jobId=1234&fileId=56 78" –
H "Authorization: Token C4krIeQoXSWvjYU"
```

GET v1/Jobs/DraftAmendmentPlans/{id}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job.

Note: Execute the API Method GET v1/Jobs for the id

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FloorPlanId	Integer	The unique identifier of the draft floor plan
FileName	String	File name of the Draft amendment plan
Comments	String	Comments
DateRequested	DateTime	Draft amendment plan requested date

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/DraftAmendmentPlans/5006" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "Id": 1,
    "ClientJobId": 2,
    "FloorPlanId": 3,
    "FileName": "sample string 4",
    "Comments": "sample string 5",
    "DateRequested": "2013-12-17T16:00:43.3357313+00:00"
  },
  {
    "Id": 1,
    "ClientJobId": 2,
    "FloorPlanId": 3,
    "FileName": "sample string 4",
    "Comments": "sample string 5",
    "DateRequested": "2013-12-17T16:00:43.3357313+00:00"
  },
  {
```

```json
    "Id": 1,
    "ClientJobId": 2,
    "FloorPlanId": 3,
    "FileName": "sample string 4",
    "Comments": "sample string 5",
    "DateRequested": "2013-12-17T16:00:43.3357313+00:00"
  }
]
```

GET
v1/Jobs/DraftFile?jobId={jobId}&fileId={fileId}

Inputs:

Parameter	Data Type	Mandatory	Description
jobId	Integer	Y	The unique identifier of the job
fileId	Integer	Y	The unique reference for each draft plan which can be retrieved using V1/Jobs/DraftPlans

Note:	
	Execute the API Method GET v1/Jobs for the jobId
	Execute the API Method GET v1/Jobs/DraftAmendmentPlans for the fileId

Outputs:

The response from the request will be streamed back to the calling code.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/DraftFile?jobId=1234&fileId=5678" –H "Authorization:
Token C4krIeQoXSWvjYU"
```

GET v1/Jobs/DraftPlans/{id}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

> **Note:** Execute the API Method GET v1/Jobs for the Id

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of the draft plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	File name of the Draft plan
DateUploaded	DateTime	Draft plan uploaded date
IsThreeD	Boolean	Indicates whether the plan is 3D

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/DraftPlans/5006" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "Id": 1,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T16:10:14.6988619+00:00",
    "IsThreeD": true
  },
  {
    "Id": 2,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T16:10:14.6988619+00:00",
    "IsThreeD": true
  },
  {
    "Id": 3,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T16:10:14.6988619+00:00",
    "IsThreeD": true
  }
]
```

GET
v1/Jobs/FinalFile?jobId={jobId}&fileId={fileId}

Inputs:

Parameter	Data Type	Mandatory	Description
jobId	Integer	Y	The unique identifier of the job
fileId	Integer	Y	The unique reference for each draft plan which can be retrieved using V1/Jobs/FinalPlans

Note:	
	Execute the API Method GET v1/Jobs for the jobId
	Execute the API Method GET v1/Jobs/FinalPlans for the fileId

Outputs:

The response from the request will be streamed back to the calling code.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/FinalFile?jobId=1234&fileId=5678" –H "Authorization:
Token C4krIeQoXSWvjYU"
```

GET v1/Jobs/FinalPlans/{id}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

Note: Execute the API Method GET v1/Jobs for the id

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	The final plan file name
DateUploaded	DateTime	The date the final plan was uploaded
IsThreeD	Boolean	Indicates whether the plan is 3D
IsAreaFile	Boolean	Indicates whether the plan is area file

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/FinalPlans/5006" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "Id": 1,
    "ClientJobId": 5006,
    "FileName": "sample string 3.PDF",
    "DateUploaded": "2013-12-17T17:43:24.9894237+00:00",
    "IsThreeD": true
    "IsAreaFile": true

  },
  {
    "Id": 2,
    "ClientJobId": 5006,
    "FileName": "sample string 3_1.JPEG",
    "DateUploaded": "2013-12-17T17:43:24.9894237+00:00",
    "IsThreeD": true
    "IsAreaFile": true
  },
  {
    "Id": 3,
```

```json
    "ClientJobId": 5006,
    "FileName": "sample string 3_2.PDF",
    "DateUploaded": "2013-12-17T17:43:24.9894237+00:00",
    "IsThreeD": true
    "IsAreaFile": false
  }
]
```

v1/Jobs/Id?jobType={jobType}&externalReference ={externalReference}

Inputs:

Parameter	Data Type	Mandatory	Description
jobType	Integer	N	Enumeration: 1=Floorplans,2=Photos Possible Values: 1,Floorplans,2,Photos Default: Floorplans
externalReference	String	Y	External reference of the job

Outputs:

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the job

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/Status/5006" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
{
  "Status": "New Job"
}
```

GET v1/Jobs/Sketches

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

Note: Execute the API Method GET v1/Jobs/Sketches for the id

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of draft amendment plan
ClientJobId	Integer	The unique identifier of the job
FileName	String	File name of the sketch
DateUploaded	DateTime	Sketch uploaded date
Comments	String	Comments

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/Sketches/5006" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
    "Id": 1,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T17:45:37.7654237+00:00",
    "Comments": "sample string 5"
  },
  {
    "Id": 2,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T17:45:37.7654237+00:00",
    "Comments": "sample string 5"
  },
  {
    "Id": 3,
    "ClientJobId": 5006,
    "FileName": "sample string 3",
    "DateUploaded": "2013-12-17T17:45:37.7654237+00:00",
    "Comments": "sample string 5"
  } ]
```

v1/Jobs/SketchFile?jobId={jobId}&fileId={fileId}

Inputs:

Parameter	Data Type	Mandatory	Description
jobId	Integer	Y	The unique identifier of the job
fileId	Integer	Y	The unique reference for each draft plan can be retrieved using V1/Jobs/DraftAmendmentPlans

Note:	
	Execute the API Method GET v1/Jobs for the jobId
	Execute the API Method GET v1/Jobs/DraftAmendmentPlans for the fileId

Outputs:

The response from the request will be streamed back to the calling code.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/SketchFile?jobId=1234&fileId=5678" –H "Authorization: Token C4krIeQoXSWvjYU"
```

GET v1/Jobs/Status/{id}

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

Outputs:

Parameter	Data Type	Description
Status	String	This can be any of the following values: • Submission in progress • New Job • Job in progress • Draft copy uploaded • Amendments requested • Amendments in progress • Completed • On hold
isArchived	Boolean	Indicates whether the job is archived

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/Status/5006" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
{
  "Status": "New Job",
  "IsArchived": true
}
```

v1/Jobs/Status?jobType={jobType}&externalReference={externalReference}

Inputs:

Parameter	Data Type	Mandatory	Description
jobType	Integer	N	Enumeration: 1=Floorplans,2=Photos Possible Values: 1,Floorplans,2,Photos Default: Floorplans
externalReference	String	Y	External reference of the job

Outputs:

Parameter	Data Type	Description
status	String	This can be any of the following values: • Submission in progress • New Job • Job in progress • Draft copy uploaded • Amendments requested • Amendments in progress • Completed • On hold
isArchived	Boolean	Indicates whether the job is archived

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/Status?externalReference=ABC1234" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Example Json response:

```
{
  "Status": "New Job",
  "IsArchived": false
}
```

GET v1/Jobs/Messages

Note: if no parameters are supplied, all messages will be returned.

Inputs:

Parameter	Data Type	Mandatory	Description
MessageId	Integer	N	The Unique identifier of a Message
JobId	Integer	N	The Unique identifier of a Job
ReadReceipt	Enum	N	The read status of a Message. Possible values: Any, Read or Unread. Notice values are without quotes ("")

Outputs:

Parameter	Data Type	Description
ID	Integer	The unique identifier of a Message
JobId	Integer	The unique identifier of a Job
JobReference	String	The Job reference
JobStatus	String	The status of the job
FromName	String	Who the message was sent from; e.g. FourLabs Head Office
ToName	String	Who the message was sent to; e.g. Fresh Photo House LTD
ToEmail	String	The email address the message was sent to
Subject	String	The subject of the Message
Body	String	The body of the Message
HasAttachments	Boolean	Indicates if the Message has attachments
DateRead	DateTime	The date the Message was read
DateSent	DateTime	The date the Message was sent
ParentMessageID	Integer	The message this is a reply to (Null if not exists)
ChildMessageID	Integer	The reply to this message (Null if not exists)
SequenceId	Integer	The order of the messages within a discussion
CCName	String	The contact name where email copy was sent e.g. Head Office or Drawing Office

CCEmail	String	The email address where copy of the message was sent to

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/Messages?MessageId=234567" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:

```
[
  {
      "id": 234567,
      "jobId": 123456,
      "jobReference": "Some address",
      "jobStatus": "Completed",
      "fromName": "Some From Name",
      "fromEmail": "fromemail@somedomain.com",
      "toName": "Some toname",
      "toEmail": "toemail@somedomain.com",
      "subject": "Some subject",
      "body": "Body text",
      "hasAttachments": false,
      "readReceipt": true,
      "dateRead": "2017-06-20T07:54:07.803",
      "dateSent": "2017-06-20T07:54:07.803",
      "parentMessageId": 234565,
      "childMessageId": 0,
      "sequenceId": 2,
      "ccName": null,
      "ccEmail": null
  } ]
```

GET v1/Jobs/MessageAttachments

Either a MessageAttachmentId or a MessageId parameter must be supplied. If neither is supplied, an error will be returned, likewise, if both parameters are supplied, both will to be filtered on.

Inputs:

Parameter	Data Type	Mandatory	Description
Id	Integer	N	The Unique identifier of a Message Attachment
MessageId	Integer	N	The Unique identifier of a Message

Outputs:

Parameter	Data Type	Description
Id	Integer	The unique identifier of a Message Attachment
MessageId	Integer	The unique identifier of a Message
JobId	Integer	The unique identifier of a Job
FileName	String	The name of the file
FileSize	Integer	The size of the file in bytes

Example Json request:
```
curl "https://api.fourlabs.co/v1/jobs/MessageAttachments?Id=7777" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:
```
[
  {
      "id": 7777,
      "messageId": 234567,
      "jobId": 123456,
      "fileName": "filename.png",
      "fileSize": 50
  }
]
```

Example Json request:
```
curl "https://api.fourlabs.co/v1/jobs/MessageAttachments?MessageId=123" –H "Authorization: Token
C4krIeQoXSWvjYU"
```

Example Json response:
```
[
  {
      "id": 9924,
      "messageId": 123,
      "jobId": 123456,
      "fileName": "filename.png",
      "fileSize": 50
  }
]
```

GET v1/Jobs/MessageAttachmentFile? MessageAttachmentId={MessageAttachmentId}

Inputs:

Parameter	Data Type	Mandatory	Description
MessageAttachmentId	Integer	Y	The unique identifier of a Message Attachment

Outputs:

Parameter	Data Type	Description
N/A	FileStream	The file will be streamed to the caller.

Example Json request:

```
curl "https://api.fourlabs.co/v1/jobs/MessageAttachmentFile?MessageAttachment
Id=9999" –H "Authorization: Token C4krIeQoXSWvjYU"
```

Expected response:

```
[
    FileStream
]
```

GET v1/Jobs/ clientsaudit/ preferencenameauditviewmodels?dateFrom={date time:yyyy-MM-dd}&dateTo={datetime:yyyy-MM-dd}

Inputs:

Parameter	Data Type	Mandatory	Description
dateFrom	DateTime	Y	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31
dateTo	DateTime	Y	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31

Outputs:

Parameter	Data Type	Description
id	Integer	The id of the audit record
createdBy	String	The usename of the user who made the change
createdDate	DateTime	The date and time of the change
clientId	Integer	The id of the client
preferenceId	Integer	The id of the preference
updateType	String	One of the following values: • UPD – the record was updated • DEL – the record was deleted.
columnName	String	The internal name of the column that was changed
oldValue	String	The old value of the "columnName"
oldValue	String	The new value of the "columnName"

Example request:

https://screensketchapitest.azurewebsites.net/v1/clientsaudit/preferencenameaudit
viewmodels?dateFrom=2021-09-01&dateTo=2021-11-01

Expected response:

```
[
    {
        "id": 13,
        "createdBy": "sqladmin",
        "createdDate": "2021-11-09T13:53:51.22",
        "clientId": 4852,
        "preferenceId": 2665,
        "updateType": "UPD",
        "columnName": "Name",
        "oldValue": "(copy 1) (copy 1) TEST PREF NAME",
        "newValue": "(copy 1) (copy 1) TEST PREF NAME (NEW NAME)"
    },
    {
        "id": 14,
        "createdBy": "sqladmin",
        "createdDate": "2021-11-10T11:02:49.607",
        "clientId": 4852,
        "preferenceId": 2655,
        "updateType": "UPD",
        "columnName": "Name",
        "oldValue": "(copy 1) (copy 1) TEST PREF NAME 2",
        "newValue": "TEST PREF NAME 2 - RENAMED"
    }
]
```

GET v1/Jobs/ clientsaudit/ PhotoPreferenceNameAuditViewModels?dateFrom ={datetime:yyyy-MM-dd}&dateTo={datetime:yyyy-MM-dd}

Inputs:

Parameter	Data Type	Mandatory	Description
dateFrom	DateTime	Y	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31
dateTo	DateTime	Y	Date time format: yyyy-MM-dd Where: • yyyy between 0001 and 9999 • MM between 01 and 12 • dd between 01 and 31

Outputs:

Parameter	Data Type	Description
id	Integer	The id of the audit record
createdBy	String	The usename of the user who made the change
createdDate	DateTime	The date and time of the change
clientId	Integer	The id of the client
preferenceId	Integer	The id of the preference
updateType	String	One of the following values: • UPD – the record was updated • DEL – the record was deleted.
columnName	String	The internal name of the column that was changed
oldValue	String	The old value of the "columnName"
oldValue	String	The new value of the "columnName"

Example request:

https://screensketchapitest.azurewebsites.net/v1/clientsaudit/preferencenameaudit
viewmodels?dateFrom=2021-09-01&dateTo=2021-11-01

Expected response:

```
[
    {
        "id": 13,
        "createdBy": "sqladmin",
        "createdDate": "2021-11-09T13:53:51.22",
        "clientId": 4852,
        "preferenceId": 2665,
        "updateType": "UPD",
        "columnName": "Name",
        "oldValue": "(copy 1) (copy 1) TEST PREF NAME",
        "newValue": "(copy 1) (copy 1) TEST PREF NAME (NEW NAME)"
    },
    {
        "id": 14,
        "createdBy": "sqladmin",
        "createdDate": "2021-11-10T11:02:49.607",
        "clientId": 4852,
        "preferenceId": 2655,
        "updateType": "UPD",
        "columnName": "Name",
        "oldValue": "(copy 1) (copy 1) TEST PREF NAME 2",
        "newValue": "TEST PREF NAME 2 - RENAMED"
    }
]
```

POST Requests

POST v1/Jobs

The below actions can be performed using this method:

- Creating of a new job
- Uploading of additional sketches to an existing job

Job data must be posted as multi-part/form-data. This is in the form of two parts, each requiring a "Content-Disposition" header whose value is "form-data" and a "name" attribute.

A sketch file will be sent as one part of the message and the model as the second part.

Create job

Inputs:

Parameter	Description
file0	Sketch file image as form-data
model	Name/value pairs

Model form-data boundary content

Parameter	Data Type	Mandatory	Description
jobType	Integer	Y	Enumeration: 1=Floorplans,2=Photos Possible Values: 1,Floorplans,2,Photos Default: Floorplans
externalReference	String	N	External reference of the job
notes	String	N	Instruction for the job if any
preferenceNameId	Integer	N	The "preference name" identifier should be passed if a job is to be processed using customised preferences. This can be retrieved using v1/Clients/PreferenceNames
reference	String	Y	Job's reference or property address
thirdPartyClientId	Integer	N	Third party client id should be passed if the job belongs to a third party user. This can be retrieved using v1/Clients/ThirdPartyUsers
fileTypes	String	N	Final plan file types. The drawing office will upload the final plans based on the requeted file types. More than one file type as a comma separated list. E.g. JPEG;PDF;FCW

Outputs:

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the created job

Example HTTP request:

```
POST https://api.fourlabs.co/v1/jobs HTTP/1.1 Host:
api.fourlabs.co
```

```
Authorization: Token C4krIeQoXSWvjYU
Content-Length: 499293
Content-Type: multipart/form-data; boundary= --- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="file0"; filename="testing.jpg"
Content-Type: image/jpeg


[image data goes here]


----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="model"


{
  "jobType":1,
  "externalReference":ABC1234,
  "notes":"testing example",
  "preferenceNameId":789
  "reference":456
  "thirdPartyClientId":123
  "fileTypes":
}
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5—
```

Example Json response:

```
{
  "jobId" : 60000
}
```

Upload additional sketches

Inputs:

Parameter	Description
file0	Sketch file image as form-data
model	Name/value pairs

Model form-data boundary content

Parameter	Data Type	Mandatory	Description
Id	Integer	Y	The unique identifier of the existing job to upload additional sketches
preferenceNameId	Integer	N	For floorplan jobs, this will update the preference for the whole job. For photo jobs, this will set this particular preference for this photo only. The "preference name" identifier can be retrieved using v1/Clients/PreferenceNames

Outputs:

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the job

Example HTTP request:

```
POST https://api.fourlabs.co/v1/jobs HTTP/1.1 Host:
api.fourlabs.co
Authorization: Token C4krIeQoXSWvjYU
Content-Length: 499293
Content-Type: multipart/form-data; boundary= --- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="file0"; filename="testing.jpg"
Content-Type: image/jpeg


[image data goes here]


----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="model"


{
```

```
  "Id":60000, "preferenceNameId":790
}
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5—
```

Example Json response:

```
{
  "jobId" : 60000
}
```

POST v1/Jobs/Amendment

Job data must be posted as multi-part/form-data. This is in the form of two parts, each requiring a
"Content-Disposition" header whose value is "form-data" and a "name" attribute.

A sketch file will be sent as one part of the message and the model as the second part.

Inputs:

Parameter	Description
file0	Sketch file image as form-data
model	Name/value pairs

Model form-data boundary content

Parameter	Data Type	Mandatory	Description
jobId	Integer	Y	The unique identifier of the job
draftFloorpl anId	Integer	Y	The unique identifier of the draft floor plan
comments	String	N	Comments

Outputs:

Parameter	Data Type	Description
JobId	Integer	The unique identifier of the created job

Example HTTP request:

```
POST https://api.fourlabs.co/v1/jobs/Amendment HTTP/1.1 Host:
api.fourlabs.co
Authorization: Token C4krIeQoXSWvjYU
Content-Length: 499293
Content-Type: multipart/form-data; boundary= --- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="file0"; filename="testing.jpg"
Content-Type: image/jpeg
```

```
[image data goes here]                        50


----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5
Content-Disposition: form-data; name="model"


{
  "jobId":1,
  "draftFloorPlanId":1234,
  "comments":"testing
}
----- WebKitFormBoundaryWZ9TFXBQn9KM9oP5—
```

Example Json response:

```
{
  "jobId" : 60000
}
```

POST v1/Jobs/Complete

Inputs:

Parameter	Data Type	Mandatory	Description
id	Integer	Y	The unique identifier of the job

> Note: Execute the API Method GET v1/Jobs for the id

Outputs:

There is no output from this method call.

Example Json request:

```
curl -X POST "https://api.fourlabs.co/v1/Jobs/Complete" -H "Authorization: Token
C4krIeQoXSWvjYU" -H "Content-Length: 11" -d "jobId=65006"
```

Example HTTP response

```
HTTP/1.1 200 OK
Cache-Control: no-cache
Pragma: no-cache
Expires: -1
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type Access-Control-Allow-Methods: GET, POST, PUT, DELETE,
OPTIONS
Date: Wed, 18 Dec 2013 13:27:45 GMT
Content-Length: 0
```

POST v1/Jobs/SendMessage

Parameter	Data Type	Mandatory	Description
clientJobId	Integer	Y	The unique job identifier
sentToDrawingOffice	Boolean	N	Indicates whether the job should be sent to the drawing office
sendToHeadOffice	Boolean	N	Indicates whether the job should be sent to head office
subject	String	Y	The subject line
body	String	Y	The body of the message
isRequestAmendmentMessage	Boolean	N	If this is set to "true", then the job status will be updated to "Amendment Requested"

Note: Execute the API Method GET v1/Jobs for the clientJobId

Outputs:

There is no output from this method call.

Example HTTP request:
```
POST https://api.fourlabs.co/v1/Jobs/SendMessage HTTP/1.1 Host:
api.fourlabs.co
Authorization: Token C4krIeQoXSWvjYU
Content-Length: 325
Content-Type: multipart/form-data; boundary= --- WebKitFormBoundaryFlMZCd3fNC6skhth
----- WebKitFormBoundaryFlMZCd3fNC6skhth
Content-Disposition: form-data; name="model"

{
    "ClientJobID":65011,
    "SendToDrawingOffice":true,
    "SendToHeadOffice":true,
    "Subject":"testing subject",
    "Body":"testing body",
    "IsRequestAmendmentMessage":true
}
------WebKitFormBoundaryFlMZCd3fNC6skhth--
```

Example HTTP response:
```
HTTP/1.1 200 OK
Cache-Control: no-cache
Pragma: no-cache
Expires: -1
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type Access-Control-Allow-Methods: GET, POST, PUT, DELETE,
OPTIONS
Date: Wed, 18 Dec 2013 13:27:45 GMT
Content-Length: 0
```

POST v2/Jobs/SendMessage

Parameter	Data Type	Mandatory	Description
clientJobId	Integer	Y	The unique job identifier
sentToDrawingOffice	Boolean	N	Indicates whether the job should be sent to the drawing office
sendToHeadOffice	Boolean	N	Indicates whether the job should be sent to head office
subject	String	Y	The subject line
body	String	Y	The body of the message
isRequestAmendmentMessage	Boolean	N	If this is set to "true", then the job status will be updated to "Amendment Requested"

Note: Execute the API Method GET v2/Jobs for the clientJobId

Outputs:

Parameter	Data Type	Description
MessageId	Integer	The unique identifier of the created Message

Example HTTP request:

```
POST https://api.fourlabs.co/v1/Jobs/SendMessage HTTP/1.1 Host:
api.fourlabs.co
Authorization: Token C4krIeQoXSWvjYU
Content-Length: 325
Content-Type: multipart/form-data; boundary= --- WebKitFormBoundaryFlMZCd3fNC6skhth
----- WebKitFormBoundaryFlMZCd3fNC6skhth
Content-Disposition: form-data; name="model"


{
    "ClientJobID":65011,
    "SendToDrawingOffice":true,
    "SendToHeadOffice":true,
    "Subject":"testing subject",
    "Body":"testing body",
    "IsRequestAmendmentMessage":true
}
------WebKitFormBoundaryFlMZCd3fNC6skhth--
```

Example Json response:

```
{
  "jobId" : 60000
}
```

CONTACT

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