Altis Legal EA Software API

Contents

Altis Rest API Basics

This is a proposed API for the purpose of ordering and retrieving remote searches from Altis. Altis would be the client for this API and not the provider. To get the ball rolling, Altis has provided this schema as a potential method for data transfer.

The Altis restful API allows authenticated users to receive orders for new media and load media remotely.

Altis restful APIs follow restful principles.

Authenticating a Request

The APIs use a simplified version of the Amazon S3 method for authentication. Authentication is provided by placing an 'Authorization' header in the request containing an API key and signature generated from a shared secret.

Authorization = "BDWS" + " " + BDWSAccessKeyId + ":" + Signature;

Signature = Base64(HMAC-SHA1(YourSecretAccessKeyID, UTF-8-Encoding-Of(StringToSign)));

StringToSign = HTTP-Verb + "\n" +

    Content-MD5 + "\n" +

    Content-Type + "\n" +

    Date + "\n"

;

Full details of this authentication technique can be found at:

http://docs.aws.amazon.com/AmazonS3/latest/dev/RESTAuthentication.html

Request Format

Request

```
====================================================================

GET /searches/ HTTP/1.1

Host: cx.com

accId : 123456

Date: Mon, 26 Mar 2007 19:37:58 +0000

Authorization: CCWS AKIAIOSFODNN7EXAMPLE:frJIUN8DYpKDtOLCwo//yllqDzg=
```

In the above example, all available searches would be returned for account id. 123456.

Return

```
[

    {

        Order1:{

            ordereId : "integer of order id",

            status:"complete, pending etc",

            localTrans:"local transaction id provided on request (belt & braces)"
```

```
        },

        Order2:{

                ordereId : "integer of order id",

                status:"complete, pending etc",

                localTrans:"local transaction id provided on request (belt & braces)"

        },


    }

]
```

API Methods

Create New Transaction

POST /transaction/

Request Body:

```
[

    {

        easId : "id of the property in the Estate Agency Software",

        sellerC1 : {

                firstName : 'contact first name',
                lastName : 'contact last name',
                email1:'primary email address',
                tel1:'primary phone number',
                mobile:'mobile number',
                houseNo:'house number',
                streetName:'street name',
                town:'town',
                postcode:'postcode'

        },

        sellerC2 : {
```

```
                firstName : 'contact first name',
                lastName : 'contact last name',
                email1:'primary email address',
                tel1:'primary phone number',
                mobile:'mobile number',
                houseNo:'house number',
                streetName:'street name',
                town:'town',
                postcode:'postcode'

        },

        purchaserC1 : {

                firstName : 'contact first name',
                lastName : 'contact last name',
                email1:'primary email address',
                tel1:'primary phone number',
                mobile:'mobile number',
                houseNo:'house number',
                streetName:'street name',
                town:'town',
                postcode:'postcode'

        },

        purchaserC2 : {

                firstName : 'contact first name',
                lastName : 'contact last name',
                email1:'primary email address',
                tel1:'primary phone number',
                mobile:'mobile number',
                houseNo:'house number',
                streetName:'street name',
                town:'town',
                postcode:'postcode'

        },

        p:{

                houseNo : "house number or name of the property",

                streetName:"streetName",

                town:"town",

                postcode:"postcode",
```

```
                    district:"district"

          },

          transMode : 'sale' or 'purchase', expecting ,mainly sale from estate agency software,

          pAgent : 'int of the purchasing solicitor in the CC database, list of ids available from
     CC',

          surveyor : 'int of the surveyor in the CC database, list of ids available from CC',

          localAuthority : 'int of the authority in the CC database, list of ids available from CC',

          entryDate : 'date of entry in the format; 26 Mar 2007 19:37:58 +0000',

          salePrice: 'int or float of the sale price'

          offerNotes: 'notes of the offer made as contained in Estate Agency Software'

]
```

Response Body:
```
[

     {

          transStatus: "success or fail",

          failMessage":"Fail message if applicable",

          trasnId: "integer of transaction id"

     }

]
```