imagicle

Overview

This section describes the REST API that can be used to integrate Call Recording and third party systems.

Basic Authentication

The REST API identifies its user with **HTTP Basic Authentication**. That is, if a function requires authentication, then it requires the *Authorization* HTTP header, which must be as follows:

```
Authorization: Basic <userPasswordBase64>
```

where <userPasswordBase64> is the base64 encoding of <user>:<password>.

For instance, suppose you need to call a function with user="myuser" and password="mypassword". You need to base64-encode the string "myuser:mypassword", which is "bXl1c2VyOm15cGFzc3dvcmQ=", obtaining the following HTTP header:

```
Authorization: Basic bXl1c2VyOm15cGFzc3dvcmQ=
```

Basic Authentication with SSO support

Starting from Imagicle 204.Spring.1 release, Imagicle REST APIs can be invoked by a user with SSO authentication. To enable this feature, the following setting file must be amended:

\StonevoiceAS\Apps\ApplicationSuite\Settings**ApplicationSuite.defaults**

Locate the parameter "AllowBasicAuthForSsoUsersViaWebApi" and change its default value from 0 to 1 â
`AllowBasicAuthForSsoUsersViaWebApi=1`

UCX Cloud Suite customers can contact Imagicle Support to enable this feature in their Cloud instance.

RHS Colon Syntax

Some of the API functions support RHS colon syntax to specify different parameter operators depending on the type of each parameter. The available operators syntax is listed below:

DateTime ISO-8601

Operator	Examples	Notes
equals	param=equals:2018-11-01T00:00:00Z param=2018-11-01T00:00:00Z	The operator name can be omitted, as it is the default operator
before	param=before:2018-10-10T13:05:34Z	
after	param=after:2018-11-05T09:12:24Z	
between	param=between:2018-11-01T00:00:00Z;2018-11-02T00:00:00Z	The lower limit is included and the upper one is not. The two limits are separated by a semicolon symbol

String

Note: If the searched string contains a semicolon or a backslash, they must be escaped by prepending a backslash character.

Operator	Examples	Notes
equals	param=equals:some string	

	param=semi\;colon and back\\slash	The operator name can be omitted, as it is the default operator
contains	param=contains:some string	