Namespace idox.eim.fusionp8

Classes

[FfcApiHelper](#)

[FfcApiOperations](#)

[WebApiHelper](#)

[WebApiOperations](#)

The WebApiOperations class allows for the submission of requests to the FusionP8 WebApi

Class FfcApiHelper

Namespace: [idox](#).[eim](#).[fusionp8](#)

Assembly: FfcApiLibrary.dll

```
public class FfcApiHelper
```

Inheritance

[object](#) ← FfcApiHelper

Inherited Members

[object.ToString()](#) , [object.Equals(object)](#) , [object.Equals(object, object)](#) ,
[object.ReferenceEquals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) ,
[object.MemberwiseClone()](#)

Fields

ticket

```
public const string ticket = "{\"InputFiles\":
[\"NEWINPUT\"],\"OutputFilePath\":\"NEWOUTPUT\",\"Jobs\":
[{\"Type\":\"ConvertToPdf\",\"JobSettings\":
{\"PenTableFilePath\":\"NEWCTB\",\"RenderingSettings\":{\"CadSettings\":
{\"UseActualPageSize\":\"false\",\"TextAsGeometrySHX\":\"false\",\"TextAsGeometryTTF\":\"fal
se\",\"CheckIs3dDrawing\":\"false\",\"CadPaperSize\":
{\"Height\":1188.8,\"Width\":841,\"TopMargin\":3.5,\"BottomMargin\":3.5,\"LeftMargin\":3.5,\
"RightMargin\":3.5,\"PageOrientation\":\"Landscape\"},\"PlotSettings\":
{\"PageLoadOrder\":\"PaperSpaceFirst\"}},\"PdfSettings\":{\"HeaderSettings\":
[{}],\"FooterSettings\":[{}],\"Watermarks\":[{}]}}}]}"
```

Field Value

[string](#)

Methods

BuildJobTicket(string)

```csharp
public string BuildJobTicket(string inputFile)
```

Parameters

inputFile [string](#)

Returns

[string](#)

GetJsonProperty(string, string)

```csharp
public static string GetJsonProperty(string json, string propertyName)
```

Parameters

json [string](#)

propertyName [string](#)

Returns

[string](#)

Class FfcApiOperations

Namespace: [idox](#).[eim](#).[fusionp8](#)

Assembly: FfcApiLibrary.dll

```
public class FfcApiOperations
```

Inheritance

[object](#) ← FfcApiOperations

Inherited Members

[object.ToString()](#) , [object.Equals(object)](#) , [object.Equals(object, object)](#) ,
[object.ReferenceEquals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) ,
[object.MemberwiseClone()](#)

Methods

DeleteConverterJob(string, string, string, bool, bool)

```
public static void DeleteConverterJob(string ffcApiUrl, string token, string jobId, bool
deleteInputFiles, bool deleteJobTicket)
```

Parameters

`ffcApiUrl` [string](#)

`token` [string](#)

`jobId` [string](#)

`deleteInputFiles` [bool](#)

`deleteJobTicket` [bool](#)

GetFileConverterJob(string, string, string)

Get the state of a job previously submitted to FFC. A request token is required to perform operations via the FfcApi

```
public static string GetFileConverterJob(string ffcApiUrl, string token, string jobId)
```

Parameters

ffcApiUrl string⬲

   The URL to for the installed Fusion File Convertor Api

token string⬲

   A Request Token previously obtained from the RequestToken method

jobId string⬲

   Job Id for a previously submitted job

Returns

string⬲

   Current state of the job

RequestAccessToken(string, string, string)

Create an Access Token allowing FFC Api access Access Tokens allow access to further methods within the FfcApi Username and password here are the same as those used to access FFC Web Admin Area

```
public static string RequestAccessToken(string ffcApiUrl, string username, string password)
```

Parameters

ffcApiUrl string⬲

username string⬲

   The username allowing acces to FfcApi requests

password string⬲

The password the user

Returns

[string]↗

An Access Token if successful

SubmitJobTicket(string, string, string, string)

Submit a job to FFC A request token is required to perform operations via the FfcApi

```
public static string SubmitJobTicket(string ffcApiUrl, string token, string jobTicketPath,
string queueName)
```

Parameters

ffcApiUrl [string]↗

The URL to for the installed Fusion File Convertor Api

token [string]↗

A Request Token previously obtained from the RequestToken method

jobTicketPath [string]↗

Path to job ticket file

queueName [string]↗

{Optional} Queue name to post the new job too

Returns

[string]↗

A job id if the submissions is successful

Class WebApiHelper

Namespace: [idox](#).[eim](#).[fusionp8](#)

Assembly: WebApiConsumerLibrary.dll

```
public class WebApiHelper
```

Inheritance

[object](#) ← WebApiHelper

Inherited Members

[object.ToString()](#) , [object.Equals(object)](#) , [object.Equals(object, object)](#) ,
[object.ReferenceEquals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) ,
[object.MemberwiseClone()](#)

Methods

IsJsonValid(string)

This method will validate if the provided Json string is valid Json True is valid, false if not

```
public static bool IsJsonValid(string json)
```

Parameters

`json` [string](#)

A string containing Json

Returns

[bool](#)

boolean

Class WebApiOperations

Namespace: [idox](#).[eim](#).[fusionp8](#)

Assembly: WebApiConsumerLibrary.dll

The WebApiOperations class allows for the submission of requests to the FusionP8 WebApi

```
public class WebApiOperations
```

Inheritance

[object](#) ← WebApiOperations

Inherited Members

[object.ToString()](#) , [object.Equals(object)](#) , [object.Equals(object, object)](#) ,
[object.ReferenceEquals(object, object)](#) , [object.GetHashCode()](#) , [object.GetType()](#) ,
[object.MemberwiseClone()](#)

Methods

CreateConnection(string, string, string, string, string)

This method will create a connection id. A connection id is required to perform operations via the
WebApi This method will create the necessary Access Token during the process

```
public static Task<string> CreateConnection(string webApiUrl, string key, string secret,
string fileNetUser, string fileNetPassword)
```

Parameters

`webApiUrl` [string](#)

   The URL to for the installed FusionP8 WebApi

`key` [string](#)

   A key allowing the submission of further WebApi requests

`secret` [string](#)

A secondary secret allowing the submission of further WebApi requests

`fileNetUser` [string](#)

    The user who the connection will be created for

`fileNetPassword` [string](#)

    The password for the provided fileNetUser

Returns

[Task](#) < [string](#) >

    The connection id if successful

GetConnectionId(string, string, string, string)

This method will create a connection id. A connection id is required to perform operations via the WebApi This method will need to be provided with the Access Token during the process This Access Token can be obtained via the RequestAccessToken method

```
public static Task<string> GetConnectionId(string webApiUrl, string accessToken, string
fileNetUser, string fileNetPassword)
```

Parameters

`webApiUrl` [string](#)

    The URL to for the installed FusionP8 WebApi

`accessToken` [string](#)

    A previously obtained accessToken

`fileNetUser` [string](#)

    The user who the connection will be created for

`fileNetPassword` [string](#)

    The password for the provided fileNetUser

Returns

[Task](#) < [string](#) >

The connection id if successful

RequestAccessToken(string, string, string)

This method will create an Access Token Access Tokens allow access to further methods within the WebApi

```
public static string RequestAccessToken(string webApiUrl, string key, string secret)
```

Parameters

`webApiUrl` [string](#)

The URL to for the installed FusionP8 WebApi

`key` [string](#)

A key allowing the submission of further WebApi requests

`secret` [string](#)

A secondary secret allowing the submission of further WebApi requests

Returns

[string](#)

An Access Token if successful

amend(string, string, string, string)

This method will amend the provided documentId with the properties in the data object The return json will updated document properties

```
public static Task<string> amend(string webApiUrl, string connectionId, string documentId,
string properties)
```

Parameters

webApiUrl [string ⧉]

The URL to for the installed FusionP8 WebApi

connectionId [string ⧉]

A connectionId obtained from GetConnectionId

documentId [string ⧉]

Document Id obtained from search method

properties [string ⧉]

Returns

[Task ⧉] < [string ⧉] >

Stream to the content object

delete(string, string, string)

This method will delete the document that matches the provided documentId

```
public static Task<string> delete(string webApiUrl, string connectionId, string documentId)
```

Parameters

webApiUrl [string ⧉]

The URL to for the installed FusionP8 WebApi

connectionId [string ⧉]

A connectionId obtained from GetConnectionId

documentId [string ⧉]

Document Id obtained from search method

Returns

[Task](link) < [string](link) >

  null

details(string, string, string)

This method will fetch full document details given a documentId The return json will contain the full details of the document

```
public static Task<string> details(string webApiUrl, string connectionId, string documentId)
```

Parameters

webApiUrl [string](link)

  The URL to for the installed FusionP8 WebApi

connectionId [string](link)

  A connectionId obtained from GetConnectionId

documentId [string](link)

  Document Id obtained from search method

Returns

[Task](link) < [string](link) >

  Details of the requested docuemtn returned as a JSON string

insert(string, string, string, string, string)

This method will insert a new document object using the provided data It is also possible to provide path to content - this is optional The return json will be TBD

```
public static Task<string> insert(string webApiUrl, string connectionId, string className,
string properties, string contentPath)
```

Parameters

`webApiUrl` [string⧉](#)

    The URL to for the installed FusionP8 WebApi

`connectionId` [string⧉](#)

    A connectionId obtained from GetConnectionId

`className` [string⧉](#)

`properties` [string⧉](#)

`contentPath` [string⧉](#)

Returns

[Task⧉](#) < [string⧉](#) >

    The inserted document id

lifecycleTransition(string, string, string, string, string, string, string)

This method will PROGRESS the document through the lifecycle using the provided transition You should also specify the user who will make the transition, and their password Also you should provide a JSON string that defines the transition and its properties

```
public static Task<string> lifecycleTransition(string webApiUrl, string connectionId, string
documentId, string lifecycleUsername, string lifecyclePassword, string lifecycleTransition,
string transitonData)
```

Parameters

`webApiUrl` [string⧉](#)

    The URL to for the installed FusionP8 WebApi

`connectionId` [string⧉](#)

    A connectionId obtained from GetConnectionId

`documentId` [string⧉](#)

Document Id obtained from search method

`lifecycleUsername` [string⧉](#)

The username doing the transition

`lifecyclePassword` [string⧉](#)

The password for the username doing the transition

`lifecycleTransition` [string⧉](#)

The name of the target lifecycle transition

`transitonData` [string⧉](#)

Returns

[Task⧉](#) < [string⧉](#) >

The transitioned document id

retrieve(string, string, string)

This method will retrieve the content associated with the provided documentId The The return json will contain the search results and is affected by properties in the data object

```
public static Task<Stream> retrieve(string webApiUrl, string connectionId,
string documentId)
```

Parameters

`webApiUrl` [string⧉](#)

The URL to for the installed FusionP8 WebApi

`connectionId` [string⧉](#)

A connectionId obtained from GetConnectionId

`documentId` [string⧉](#)

Document Id obtained from search method

Returns

[Task](#) < [Stream](#) >

    Stream to the content object

search(string, string, string)

This method will perform a search using the provided criteria in the data object The search will be executed using the connection identified by the provided connectionId The return json will contain the search results and is affected by properties in the data object

Example { "properties": {}, "objectStoreName": "string", "className": "string", "searchType": "string", "includeSubClasses": true, "returnIDsOnly": true } objectStoreName: The object store on which to perform the search className: The class on which to perform the search searchType: Original, AllVersions or LatestFound includeSubClasses: causes the specified class and any sub classes to included in the search returnIDsOnly: causes only the IDs of the documents to be returned

```
public static Task<string> search(string webApiUrl, string connectionId, string properties)
```

Parameters

webApiUrl [string](#)

    The URL to for the installed FusionP8 WebApi

connectionId [string](#)

    A previously obtained connectionId (From GetConnectionId)

properties [string](#)

Returns

[Task](#) < [string](#) >

    A collection of results of the search returned as a JSON string