



# **Dummy Account Generator Client Guide**

**February 27, 2019**

---

## Table of Contents

<b>1. Introduction.....</b>	<b>3</b>
<b>2. Terminology.....</b>	<b>3</b>
2.1 Catalog.....	3
2.2 Site.....	3
2.3 Content Service .....	4
<b>3. Creating a New Catalog .....</b>	<b>4</b>
3.1 To create a new catalog: .....	4
3.2 Sites in a catalog: .....	6
<b>4. Editing a Site / Uploading XML File .....</b>	<b>7</b>
<b>5. Using DAG in FastLink.....</b>	<b>7</b>
<b>6. XML Files .....</b>	<b>9</b>

# DAG Client Guide

## 1. Introduction

Live accounts are the most effective way for testing or demonstrating all the permutations and combinations of the account types that are supported by Yodlee. Live accounts are also useful for debugging refresh and auto-login behaviors. Unfortunately, it is not always possible or realistic to have enough live accounts.

The Yodlee DAG (Dummy Account Generator), hereafter referred to as DAG, is a Web application and the interface is a Web GUI used to manage dummy accounts. Dummy account information is stored in XML files. The GUI can be used to upload and download XML files, which allows you to create, edit and view account-specific information.

Yodlee has created this solution as a testing aid to help our clients simulate various account types. It is important to note that this does not replace testing with real accounts and we support this solution on a best effort basis. Any performance issues and test site issues are completely unique and do not in any way reflect on our real production sites behavior.

## 2. Terminology

### 2.1 Catalog

A catalog is a collection of dummy financial institution sites. When creating a catalog, you will want to remember your catalog name and password. In the future, you will log in with these credentials to modify the sites in your catalog.

### 2.2 Site

A site represents an online financial institution. Each site has a site/provider name (e.g. the financial institution name), site/provider id, nickname and a set of login credentials (username and password). For example, the first site you will see when you login to your catalog will look similar to this:

Site/Provider Name	Site/Provider ID	Nickname	Username	Password	Actions
Dag Site	16441	{{catalog name}}	{{catalog name}}.site16441.2	site16441.2	Delete
Content Service	Content Service ID	Nickname	Actions		
Dag Site - Investments	20549	{{catalog name}}	Download	Edit	Disable
Dag Site - Bank	20559	{{catalog name}}	Download	Edit	Disable
Dag Site - Bills	20560	{{catalog name}}	Download	Edit	Disable
Dag Site - Credits	20561	{{catalog name}}	Download	Edit	Disable
Dag Site - Insurance	20562	{{catalog name}}	Download	Edit	Disable
Dag Site - Loans	20563	{{catalog name}}	Download	Edit	Disable
Dag Site - Miles	20564	{{catalog name}}	Download	Edit	Disable
Dag Site - Tax	20565	{{catalog name}}	Download	Edit	Disable

In this case, "Dag Site" is the provider name, and it has a provider id of 16441. The nickname will be your personal catalog name. The username and password are your online account login credentials for this site.

For example, say my catalog name is “ryan\_test”. I can login to my financial institution, Dag Site, with my online account credentials – username: ryan\_test.site16441.2, password: site16441.2. **Note:** The password will always be the last part of the username.

## 2.3 Content Service

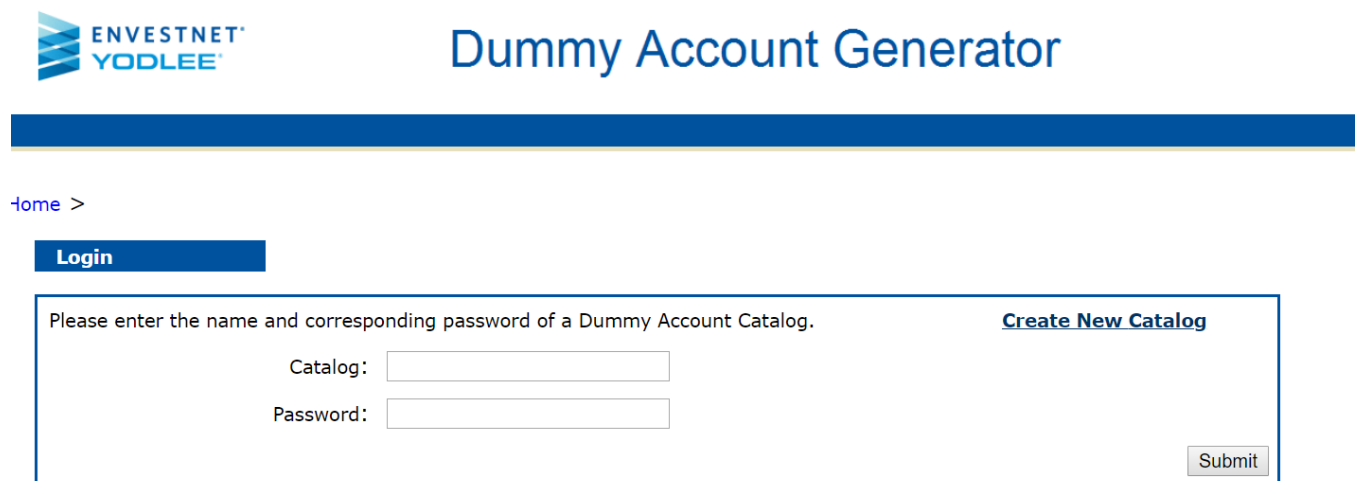
Each content service of a site is a specific type of financial account, referred to hereafter as a “container”. For example, in the above screenshot, there are eight containers (Investments, Bank, Bills, etc). We are able to specify the account level details of each container. For example, say we want Bank to have two accounts in it, a checking account and a savings account. The checking account is a joint account with two holders – John Doe and Jane Doe. We also want it to have their transaction history for the past 30 days. We can put all this mock information in an XML file and upload it to the container via the “Edit” link. For information on how to create these XML files, please refer to XML Files section of this document.

## 3. Creating a New Catalog

The site based catalog is used to create DAG accounts that will be used for adding accounts at the site level. The site based catalog will be used to log in to the site and add all accounts belonging to all containers under that particular site. By default, the catalog contains two instances of every site configured in DAG. They will be created automatically during the site based catalog creation. With the site based catalog, the user can download, edit, and upload an XML file.

### 3.1 To create a new catalog:

1. Open a new browser window and type the URL: <https://dag2.yodlee.com/dag/index.do> in the address bar. The DAG login page is displayed as in the following figure:



The screenshot shows the 'Dummy Account Generator' login page. At the top left is the 'ENVESTNET YODLEE' logo. The title 'Dummy Account Generator' is centered at the top. Below the title is a blue horizontal bar. Underneath the bar, there is a 'home >' link. A 'Login' button is located on the left. The main content area contains a form with the instruction 'Please enter the name and corresponding password of a Dummy Account Catalog.' To the right of this instruction is a link that says 'Create New Catalog'. The form has two input fields: 'Catalog:' and 'Password:'. A 'Submit' button is located at the bottom right of the form.

2. Click **Create New Catalog** to create a new catalog.
3. Type a catalog name and password (4-20 alphanumeric characters).
4. Click **Submit**. A new site based catalog is generated as in the following figure:

[Home](#) > [Create New Catalog](#)

Showing Accounts for catalog: demo\_103309

Add a site: Dag Site - no account summary Add


Site/Provider Name	Site/Provider ID	Nickname	Username	Password	Actions
Dag Site	16441	demo_103309	demo_103309.site16441.2	site16441.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site - Investments	20549	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Bank	20559	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Bills	20560	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Credits	20561	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Insurance	20562	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Loans	20563	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Miles	20564	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Tax	20565	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site	16441	demo_103309	demo_103309.site16441.1	site16441.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site - Investments	20549	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Bank	20559	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Bills	20560	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Credits	20561	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Insurance	20562	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Loans	20563	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Miles	20564	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Tax	20565	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel	16442	demo_103309	demo_103309.site16442.2	site16442.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site Multilevel - Bank	20550	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel - Credits	20639	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel - Investments	30365	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel	16442	demo_103309	demo_103309.site16442.1	site16442.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site Multilevel - Bank	20550	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel - Credits	20639	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Multilevel - Investments	30365	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenFMPA	16445	demo_103309	demo_103309.site16445.2	site16445.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenFMPA - Bank	20634	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenFMPA - Insurance	20636	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenFMPA	16445	demo_103309	demo_103309.site16445.1	site16445.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenFMPA - Bank	20634	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenFMPA - Insurance	20636	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPA	16446	demo_103309	demo_103309.site16446.2	site16446.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenPMPA - Credits	20552	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPA - Loan	20637	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPA	16446	demo_103309	demo_103309.site16446.1	site16446.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenPMPA - Credits	20552	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPA - Loan	20637	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPS	16447	demo_103309	demo_103309.site16447.1	site16447.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenPMPS - Bills	20633	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPS - Investments	20638	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPS	16447	demo_103309	demo_103309.site16447.2	site16447.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site TokenPMPS - Bills	20633	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site TokenPMPS - Investments	20638	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site MFA&NonMFA	16477	demo_103309	demo_103309.site16477.2	site16477.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site SecurityQA - Bank	20631	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Miles	20632	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site MFA&NonMFA	16477	demo_103309	demo_103309.site16477.1	site16477.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site SecurityQA - Bank	20631	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Miles	20632	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA	16486	demo_103309	demo_103309.site16486.1	site16486.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site SecurityQA - Bank	20640	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA - Credits	20641	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA - Bill Pay	24401	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA	16486	demo_103309	demo_103309.site16486.2	site16486.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site SecurityQA - Bank	20640	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA - Credits	20641	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site SecurityQA - Bill Pay	24401	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - no account summary	16487	demo_103309	demo_103309.site16487.2	site16487.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site - Bank	20642	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Credits	20643	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - no account summary	16487	demo_103309	demo_103309.site16487.1	site16487.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site - Bank	20642	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site - Credits	20643	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Captcha	18769	demo_103309	demo_103309.site18769.1	site18769.1	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site Captcha - Bank	23683	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>
Dag Site Captcha	18769	demo_103309	demo_103309.site18769.2	site18769.2	<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Delete</a>
<b>Content Service</b>	<b>Content Service ID</b>	<b>Nickname</b>			<b>Actions</b>
Dag Site Captcha - Bank	23683	demo_103309			<a href="#">Download</a> <a href="#">Edit</a> <a href="#">Disable</a>

### 3.2 Sites in a catalog:


You will notice that there are many different types of sites in a catalog – Dag Site, Dag Site Multilevel, Dag Site TokenFMPA, etc. The purpose for this is to test different types of Multifactor Authentication (MFA) that may be encountered beyond the initial login page.


For example, Dag Site SecurityQA will ask the user to answer security questions after they initially login, like so:


Log In



Dag Site SecurityQA  
64.14.28.129

Please enter your Dag Site SecurityQA login credentials. 

What is the name of your state?  
Enter here 

What is the name of your first school  
Enter here 


125 seconds left

CANCEL


SUBMIT


Dag Site TokenFMPA will ask for a one-time-passcode (OTP):

Log In



Dag Site TokenFMPA  
64.14.28.129

Please enter your Dag Site TokenFMPA login credentials. 

Security Key  
Enter here 

124 seconds left

CANCEL

SUBMIT

While it is recommended to test each MFA site at least once, for testing the functional elements of Aggregation or Verification, it is recommended to use the non-MFA Dag Site (provider id: 16441). This will save time as you will not have to answer security questions after each login.

## 4. Editing a Site / Uploading XML File

To edit account level details in a container, click the “Edit” link:

Site/Provider Name	Site/Provider ID	Nickname	Username	Password	Actions
Dag Site	16441	demo_103309	demo_103309.site16441.2	site16441.2	<a href="#">Delete</a>
Content Service	Content Service ID	Nickname			Actions
Dag Site - Investments	20549	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Bank	20559	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Bills	20560	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Credits	20561	demo_103309	<a href="#">Download</a>	<a href="#">Click to edit content service XML</a>	
Dag Site - Insurance	20562	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Loans	20563	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Miles	20564	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Tax	20565	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>

You will be brought to this screen:

**Add/Edit**

Please upload the new XML test data file for the Dummy Account.  
Fill the Nickname as well

Nickname:

XML File:  iav\_sample.xml

Once here, you can upload your XML file and click **Save**. **Note:** The nickname field is optional; it is only for personal reference.

You will now be redirected to the main page, with the newly added account information:

Site/Provider Name	Site/Provider ID	Nickname	Username	Password	Actions
Dag Site	16441	demo_103309	demo_103309.site16441.2	site16441.2	<a href="#">Delete</a>
Content Service	Content Service ID	Nickname			Actions
Dag Site - Investments	20549	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Bank	20559	IAV_John_Doe	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Bills	20560	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Credits	20561	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Insurance	20562	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Loans	20563	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Miles	20564	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>
Dag Site - Tax	20565	demo_103309	<a href="#">Download</a>	<a href="#">Edit</a>	<a href="#">Disable</a>

Now that we have added account level data for the Bank container, we can move on to testing in FastLink.

## 5. Using DAG in FastLink

In order to launch FastLink, there are several prerequisites which need to be completed. However, they are not in scope for this tutorial. In order to learn how to launch FastLink, please refer to the [Developer Portal](#).

After FastLink is launched successfully, you will be brought to a landing page which looks similar to this:

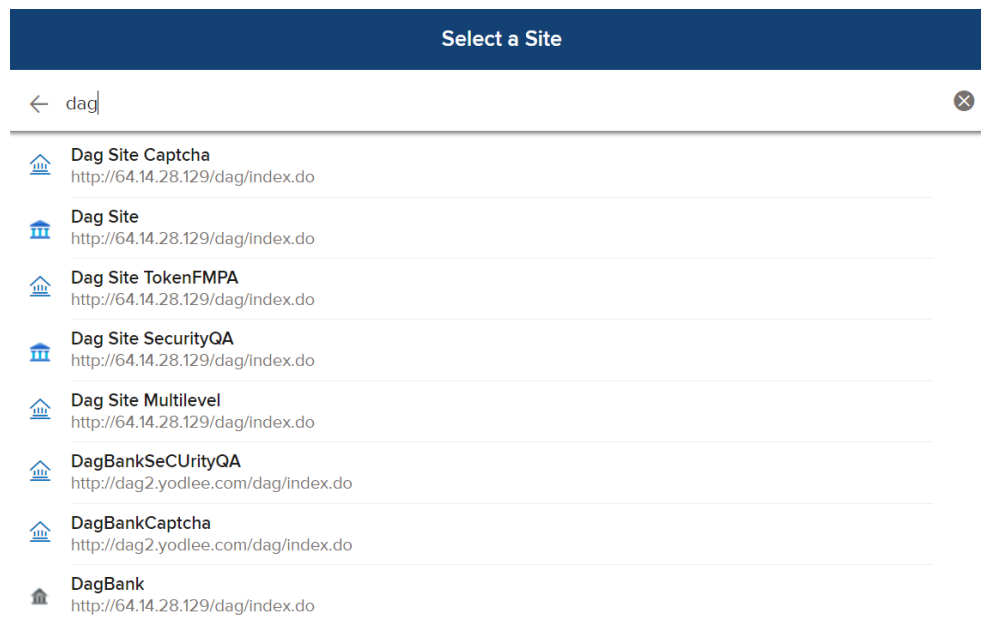
## Select a Site

Select your institution from the list below or search.




🔍 Don't see your institution? Search here.


Search for the “dag” in the search bar, you will see the following search results:




These are all of the dummy financial institution sites which Yodlee offers for testing (both MFA and non-MFA). We will select the site in which we uploaded the XML file – Dag Site – and enter our online account username and password for it:




Log In



Dag Site  
64.14.28.129

Please enter your Dag Site login credentials. 

Username  
demo\_103309.site16441.2

Password  
site16441.2 

Re-enter Password  
site16441.2

< BACK

SUBMIT

Upon clicking **Submit**, you will be logged into Dag Site and behind the scenes we will aggregate all of the dummy accounts you have defined in your XML. From here, the next screen you are brought to in FastLink will depend on which product you are using.

## 6. XML Files

Here is the sample XML file was used in this document, nicknamed "IAV\_John\_Doe":

```
<?xml version="1.0" encoding="UTF-8"?>
<site>
  <status>0</status>
  <bankAccount uniquelyId="23232323" acctType="checking" accountClassification="personal">
    <accountName>Premier Checking</accountName>
    <routingNumber>999999989</routingNumber>
    <accountNumber>XXXX7890</accountNumber>
    <fullAccountNumber>1234567890</fullAccountNumber>
    <accountHolder>PSQA TEST</accountHolder>
    <individualInformation accountHolderType="others">
      <name>
        <firstName>John</firstName>
        <middleName />
```

```

    <lastName>Doe</lastName>

  </name>
</individualInformation>

<individualInformation accountHolderType="others">
  <name>
    <firstName>Jane</firstName>
    <middleName />
    <lastName>Doe</lastName>
  </name>
</individualInformation>

<balance balType="availableBalance">
  <curAmt curCode="USD">54.78</curAmt>
</balance>

<balance balType="currentBalance">
  <curAmt curCode="USD">44.78</curAmt>
</balance>

<transactionList>
  <transaction uniqueId="14141414" type="debit" baseType="debit">
    <description>CHECK # 998</description>
    <checkNumber>998</checkNumber>
    <amount curCode="USD">59.00</amount>
    <transactionRunningBalance>59.00</transactionRunningBalance>
    <link>link</link>
    <category>category</category>
    <transDate localFormat="MM/dd/yy">2017-06-10T00:00:00</transDate>
    <postDate localFormat="yyyy-MM-dd">2017-06-10T00:00:00</postDate>
  </transaction>

  <transaction uniqueId="1111111" type="deposit" baseType="credit">
    <description>DESC</description>
    <link>http://www.altova.com</link>
    <amount curCode="USD">343465.00</amount>
    <transactionRunningBalance>59.00</transactionRunningBalance>
    <transDate localFormat="yyyy-MM-dd">2017-06-06T00:00:00</transDate>
    <postDate localFormat="yyyy-MM-dd">2017-06-06T00:00:00</postDate>
  </transaction>

```

```

    <checkNumber>DAG-333</checkNumber>
    <category categoryId="333">other</category>
  </transaction>
</transactionList>
</bankAccount>
<bankAccount uniqueness="23232323" acctType="savings" accountClassification="personal">
  <accountName>Premier Savings</accountName>
  <routingNumber>999999989</routingNumber>
  <accountNumber>XXXX1234</accountNumber>
  <fullAccountNumber>1234561234</fullAccountNumber>
  <accountHolder>JOHN DOE</accountHolder>
  <individualInformation accountHolderType="others">
    <name>
      <firstName>John</firstName>
      <middleName />
      <lastName>Doe</lastName>
    </name>
    <fullName>John Doe</fullName>
  </individualInformation>
  <individualInformation accountHolderType="others">
    <name>
      <firstName>Jane</firstName>
      <middleName />
      <lastName>Doe</lastName>
    </name>
    <gender>Female</gender>
  </individualInformation>
  <balance balType="availableBalance">
    <curAmt curCode="USD">54.78</curAmt>
  </balance>
  <balance balType="currentBalance">
    <curAmt curCode="USD">44.78</curAmt>
  </balance>
</transactionList>

```

```

<transaction uniqueId="14141414" type="debit" baseType="debit">
  <description>CHECK # 998</description>
  <checkNumber>998</checkNumber>
  <amount curCode="USD">59.00</amount>
  <transactionRunningBalance>59.00</transactionRunningBalance>
  <link>link</link>
  <category>category</category>
  <transDate localFormat="MM/dd/yy">2017-06-10T00:00:00</transDate>
  <postDate localFormat="yyyy-MM-dd">2017-06-10T00:00:00</postDate>
</transaction>
<transaction uniqueId="1111111" type="deposit" baseType="credit">
  <description>DESC</description>
  <link>http://www.altova.com</link>
  <amount curCode="USD">343465.00</amount>
  <transactionRunningBalance>59.00</transactionRunningBalance>
  <transDate localFormat="yyyy-MM-dd">2017-06-06T00:00:00</transDate>
  <postDate localFormat="yyyy-MM-dd">2017-06-06T00:00:00</postDate>
  <checkNumber>DAG-333</checkNumber>
  <category categoryId="333">other</category>
</transaction>
</transactionList>
</bankAccount>
</site>

```

The XML can be modified to test many different cases. One of the common test cases is to test holder name matching in Instant Account Verification (IAV). The highlighted portion above can be modified to either pass or fail verification.

Please reach out to your TC for assistance in modifying the XML to meet specific test cases.