



Overview

This technical guide shows you how to access RedCriter OData with Microsoft Excel 2013.

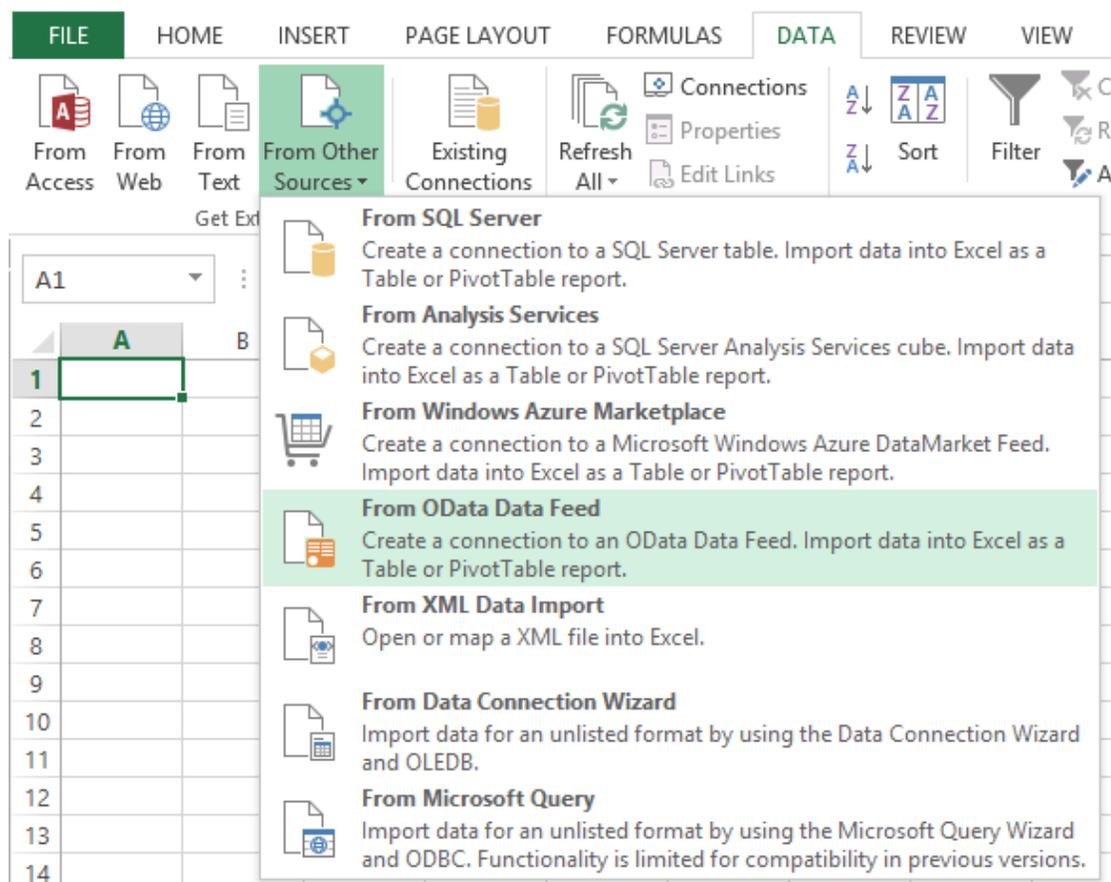
Note: There are 3 ways to access RedCriter OData with Microsoft Excel 2013. In this guide we cover the following 2 ways:

- Via OData Data Feed (Under the Excel "Data" tab)
- Via PowerPivot

The 3rd way is via ODBC driver and this method is covered in a separate guide found on our ODBC solutions page.

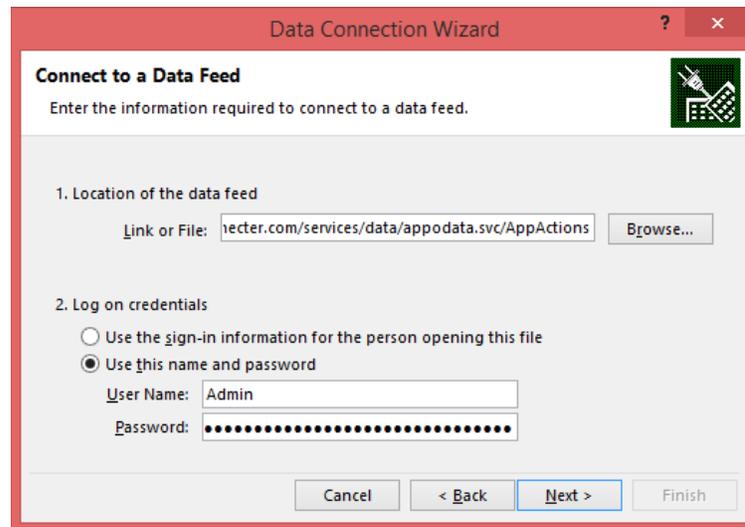
OData Data Feed

1. In Microsoft Excel 2013, click on the "Data" tab
2. Underneath the "Get External Data" section, use the "From Other Sources" drop-down to choose: "From OData Data Feed"





- Next you will be prompted with a Data Connection Wizard.



- For 'Link or File:' populate using the following Data:

APP collections have a base url <https://redcritterconnector.com/services/data/appodata.svc> plus the object collection title you want to retrieve. **Note:** the object collection title is case sensitive.

For example **AppActions** would be <https://redcritterconnector.com/services/data/appodata.svc/AppActions>

For example **Apps** would be <https://redcritterconnector.com/services/data/appodata.svc/Apps>

APP DOMAIN collections have a base url <https://redcritterconnector.com/services/data/appdomainodata.svc>

For example **AppDomainUserBadges** would be

<https://redcritterconnector.com/services/data/appdomainodata.svc/AppDomainUserBadges>

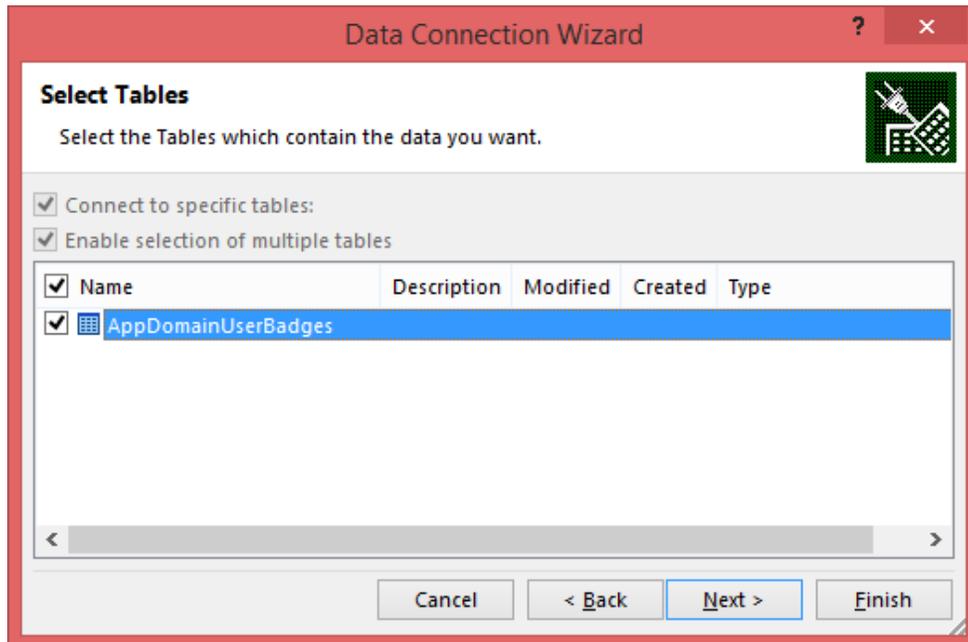
- Username/Password**

Set the Username to "Admin".

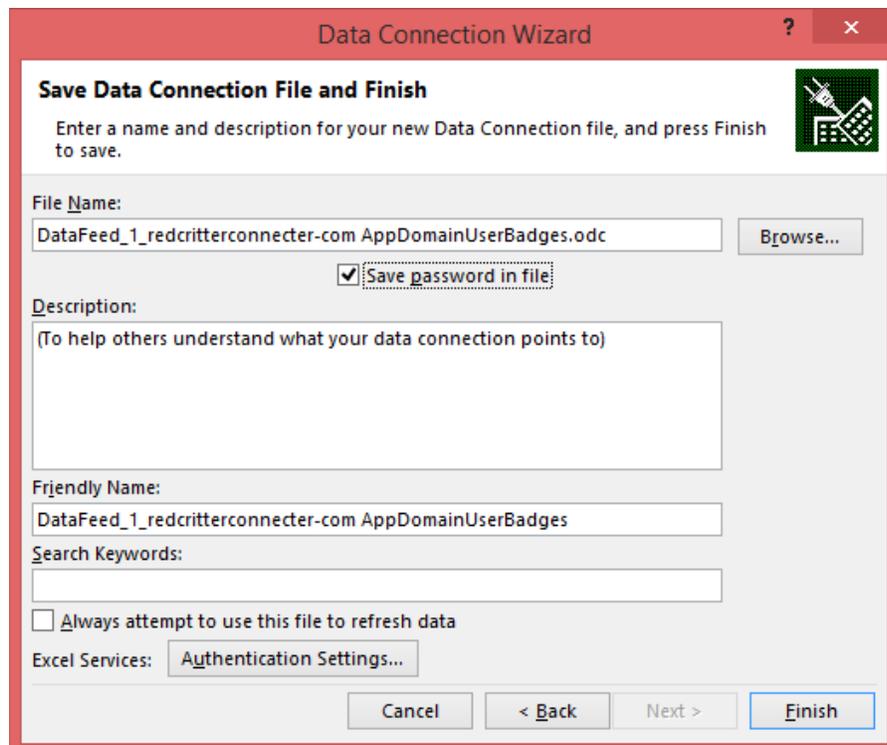
Set the password to be either your **App Secret Key** or your **App Domain Secret Key**.

Technical note: Remember that the **App Secret Key** and the **App Domain Secret Key** are two different values so you will want to be sure to use the appropriate key in each case.

- Next you will see a list of the tables available, so check the object that you are interested in:



- Click "Next"
- On the this screen you can choose to save the password in the file (or not)

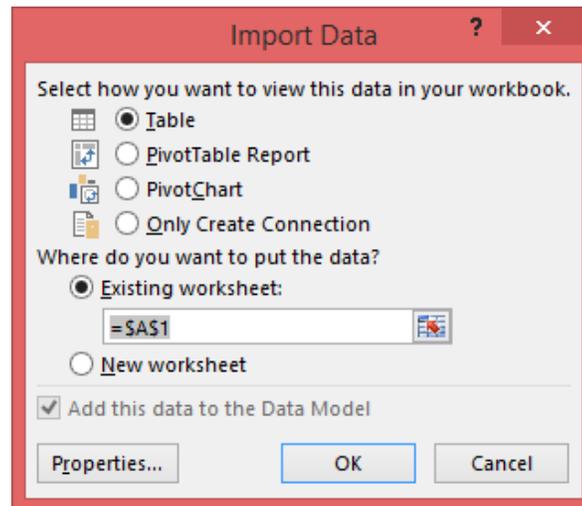


RedCriticr

RedCriticr for Excel



9. Click on "Finish"
10. Next it will ask how you'd like to display the data:



11. Your data will be retrieved and stored in your Excel table.

Using Excel PowerPivot

Another way you can access RedCriticr OData is with a Microsoft Excel 2013 feature called PowerPivot

1. Start Microsoft Excel 2013
2. Go to File > Options > Add-Ins.
3. In the Manage box, click COM Add-ins > Go.
4. Check the "Microsoft Office Power Pivot in Microsoft Excel 2013" box, and then click OK.
5. You should see "PowerPivot" listed on your ribbon bar now. Go ahead and click on it.
6. Click on the "Manage" button
7. Now you will see the "PowerPivot for Excel" screen
8. Use the "From Data Service" drop down and select "From OData Data Feed"
9. Use the URL conventions from the previous example to determine the "Data Feed URL"
10. In this example I'll use : <https://redcritterconnector.com/services/data/appodata.svc/Apps> to see my Apps
11. Click on "Advanced"

RedCriter

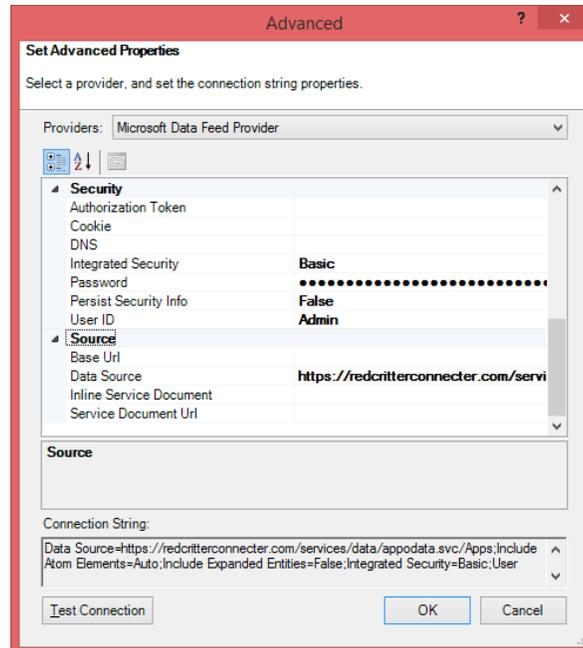
RedCriter for Excel



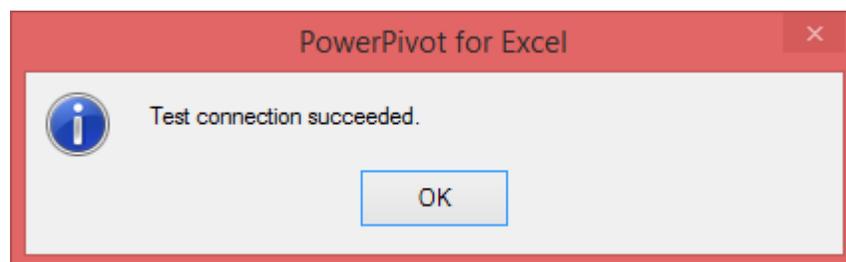
12. On the next screen,

- change the "Integrated Security" to Basic
- Change the "User ID" to "Admin"
- Change the "Password" to your App Secret Key or your App Domain Secret Key as needed

13. Click on OK

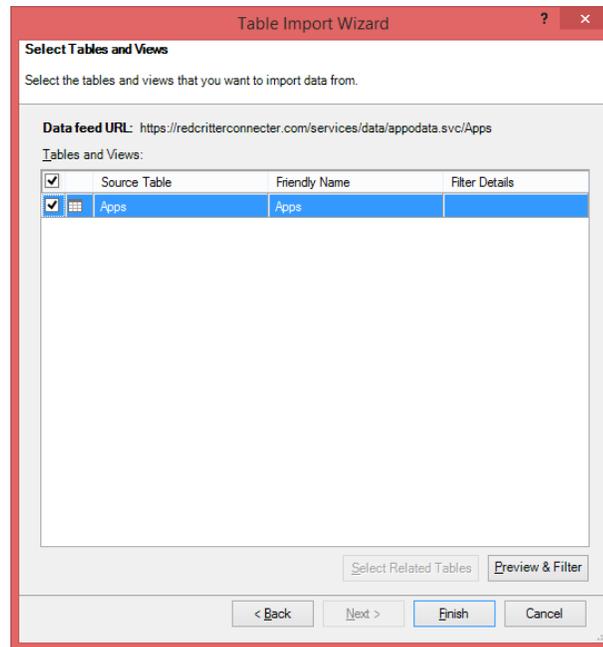


14. Click on "Test Connection" to make sure your connection is working properly



15. Then click "Next"

16. Select the item that you want to import into Excel and then click "Finish":



17. You will now have access to this table in your PowerPivot table.

Object collection titles

1. Use a browser to view a list of object collection titles. Browse to one of the base urls:

APP collections base url <https://redcritterconnector.com/services/data/appodata.svc>

APP DOMAIN collections base url <https://redcritterconnector.com/services/data/appdomainodata.svc>

2. When prompted enter 'admin' for username and the appropriate secret key as your 'password'.

```
<?xml version="1.0" encoding="UTF-8"?>
<service xmlns="http://www.w3.org/2007/app" xmlns:
  <workspace>
    <atom:title>Default</atom:title>
    <collection href="Apps">
      <atom:title>Apps</atom:title>
    </collection>
    <collection href="AppActions">
      <atom:title>AppActions</atom:title>
    </collection>
    <collection href="AppAPICallLogs">
      <atom:title>AppAPICallLogs</atom:title>
    </collection>
    <collection href="AppBadges">
      <atom:title>AppBadges</atom:title>
    </collection>
    <collection href="AppBadgePrereqs">
      <atom:title>AppBadgePrereqs</atom:title>
    </collection>
    <collection href="AppCerts">
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    </collection>
    <collection href="AppCounts">
      <atom:title>AppCounts</atom:title>
    </collection>
    <collection href="AppDeltaLogs">
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    </collection>
    <collection href="AppLeaderboards">
      <atom:title>AppLeaderboards</atom:title>
    </collection>
    <collection href="AppSkills">
      <atom:title>AppSkills</atom:title>
    </collection>
    <collection href="AppUnsubscribes">
      <atom:title>AppUnsubscribes</atom:title>
    </collection>
  </workspace>
```