

Third-Party Connectors

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Overview

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Yellowfin now has an open connector framework, which enables users to connect to third-party web applications. Some connectors are available through the [Yellowfin Marketplace](#), while others can be developed by third-parties.

Connector Information

Connectors come in the form of a `.jar` or `.yfp` package, which contains all the files required to create and use the connector. Connectors can be packaged on their own, or with pre-built sample content. Sample content may include Views, Reports, and Dashboards.

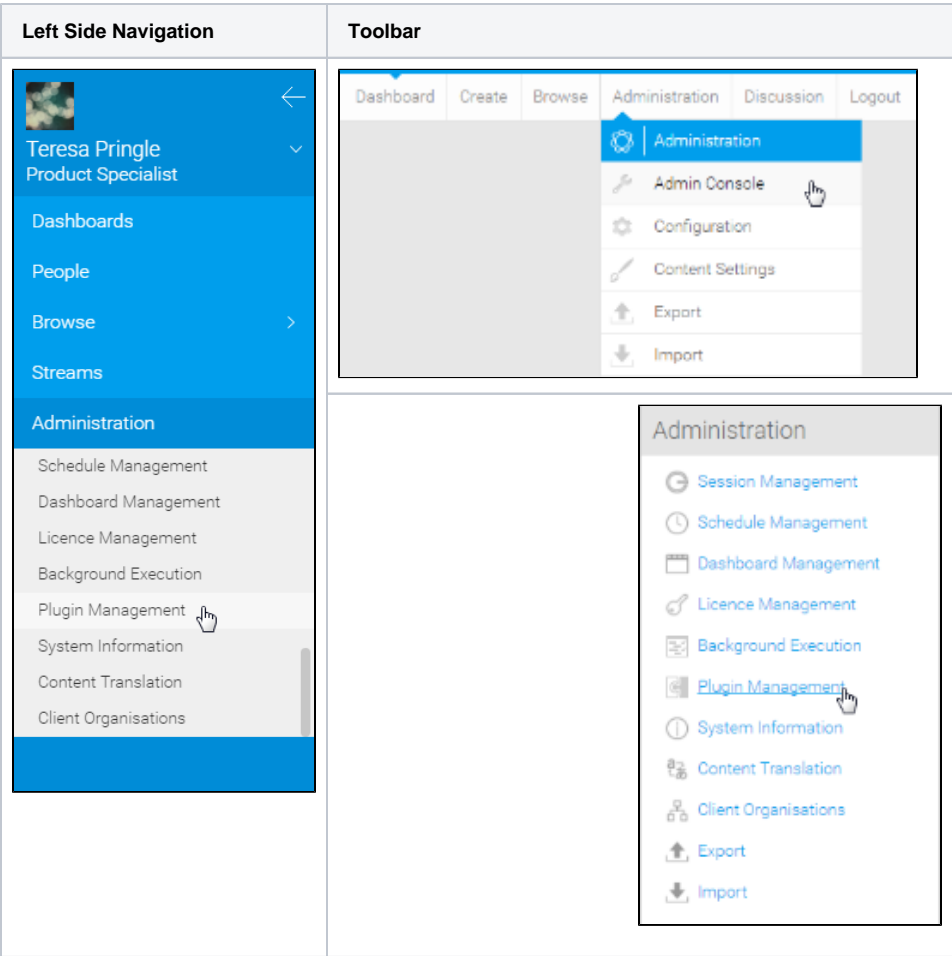
Loading Connectors

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1. To begin, you will need to navigate to the [Plugin Management](#) page in the [Admin Console](#). You can do this by;

a. Navigating directly to the [Plugin Management](#) page through the **Left Side Navigation** panel, or

b. Navigating to the [Admin Console](#) and then selecting the [Plugin Management](#) page from the **Admin** list on the right.

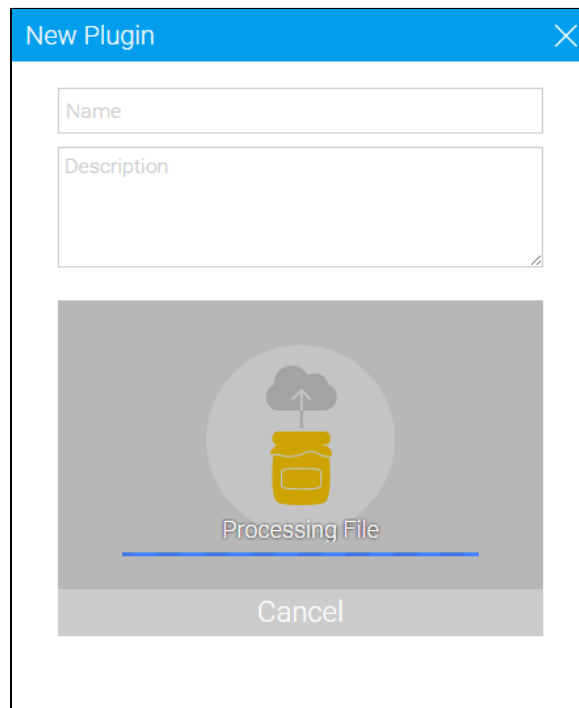
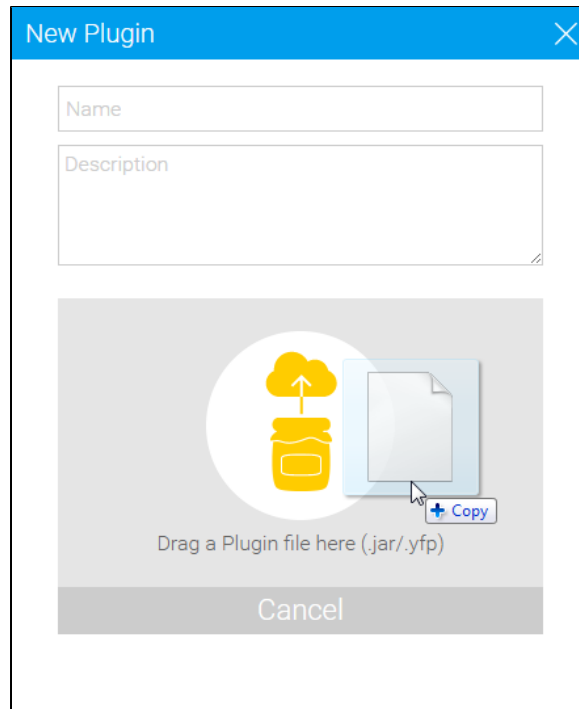
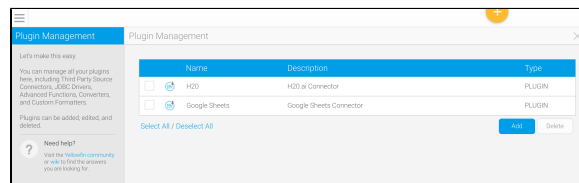


You will now be on the [Plugin Management](#) page.

2. From here, you will need to click the **Add** button in order to start loading a new connector.

3. Drag & drop your connector onto the New Plugin window, or click on the icon to open browse in order to locate it.

4. Your connector will now be processed - the time this takes will vary depending on the size of the connector pack.



5. You now need to complete the connector by providing a **name** and **description**. This will help users understand what the plugin should be used for.

6. Click **Submit** to load your connector.

New Plugin

json.jar

×

jackson-core-2.1.3.jar

×

google-api-client-1.19.0.jar

×

google-api-services-analytics-v3-rev98-1

×

google-oauth-client-java6-1.19.0.jar

×

google-oauth-client-1.19.0.jar

×

Submit

You will now see your new connector in the plugins list.

	Name	Description	Type
<input type="checkbox"/>	Google Analytics	Google Analytics Third Party Connector	PLUGIN
<input type="checkbox"/>	H2O	H2O ai Connector	PLUGIN
<input type="checkbox"/>	Google Sheets	Google Sheets Connector	PLUGIN

See [Plugin Management](#) for more information on different types of plugins.

Using Connectors

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In order to use your new connector you will need to create a new data source in Yellowfin. Each connector has it's own requirements for use, so click on the connector you wish to use to find out what it requires.

Some generic instructions can be found below.

1. Create a new [Data Source](#) by using one of these methods:

Left Side Navigation

Top Right (with Left Side Nav en

- **Left Side Nav** - open the left side navigation panel, click on Create, select the Data Source option
- **Top Right Button** - click on the create button, select the Data Source option.
- **Toolbar** - click on the Create link in the

toolbar, select the Data Source option.

- Admin Console - navigate to the Admin Console, open the Data Sources section, click on the Add button.

You will now see the New Connection lightbox.

Teresa Pringle

Product Specialist

Create

Report

Standard Dashboard

KPI Dashboard

View

Data Source

Storyboard

Discussion

Task

Dashboards

Close

Create

Report

Dashboard Tab

View

Data Source

Storyboard

Discussion

Task

Dashboard

Create

Browse

Administration

Discussion

+ Create

Report

Dashboard Tab

Storyboard

Discussion

View

Data Source

Task

Data Sources

Connection	Description
CSV	CSV
Samples	
Ski Team	Ski Team is the demonstration
SQL Server Ski Team	

2. Select the **connector** you wish to use to set up your data source.

New Connection

Select your data source

Database

Cube

JNDI

CSV

Or choose a platform

Reporting...

Google A...

Google S...

Google Analytics API

Connect to Google Analytics

Analyse and monitor your website traffic data from Google Analytics.

Not here? [Search marketplace](#) or [upload new](#).

3. Fill in the details required by the connector. In this example, you will need to complete the **Name** and **Description**.

This should describe the specific connection, rather than the connector, as you can use the connector multiple times.

4. Complete the **Connection Instructions**. Each connector will have different requirements that will need to be completed in order to successfully access your data. In this example you will need to **Authorise Google Analytics**.

New Connection

Connection Setti... Create View Analyse

Name: Wiki Traffic

Description: Web traffic details for the wiki from Google Analytics.

Connection Instructions:

1. Click 'Authorize Google Analytics'.
2. You will be redirected to a web page. Add your User Name and Password and click 'Allow'.
3. Copy and paste the pin code into the PIN field into Yellowfin, and click 'Validate PIN'.

1. Request Access PIN: Authorize Google Analytics

2. Enter PIN:

3. Validate PIN: Validate PIN

Access Token:

Launch Pre-Built Content

5. Once you have followed the connection instructions you will be able to complete the connection. From here you have a range of options available to you:

- **Advanced Connection Editor** - this will take you to the Data Source page in the Admin Console and allow you to edit all the advanced options available for your data source.
- **Test Connection** - this will allow Yellowfin to test the connection parameters you provided to ensure it can connect to your data source.
- **Create View** - this will allow you to create a View based on the connection.
- **Launch Pre-Built Content (optional)** - this will allow you to install any pre-built content that may come with the connector.
- **Save & Close** - this will allow you to save your connection and close the New Connection lightbox, returning you to the page you were on previously.

New Connection

Connection Setti... Create View Analyse

Connection Instructions:

1. Click 'Authorize Google Analytics'.
2. You will be redirected to a web page. Add your User Name and Password and click 'Allow'.
3. Copy and paste the pin code into the PIN field into Yellowfin, and click 'Validate PIN'.

1. Request Access PIN: Authorize Google Analytics

2. Enter PIN: 4/7uOpuu1MOfjE6aT_gCgDIHu9e

3. Validate PIN: Validate PIN

Access Token:

Refresh Token:

Website: Yellowfin

Profile ID: 64945737

Advanced Connection Editor

Test Connection

Create View

Launch Pre-Built Content

Save & Close

Cancel

Launch Pre-Built Content

- **Cancel** - this closes the New Connection lightbox without saving your connection, returning you to the page you were on previously.

Your connection is now complete.

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