



# ThorApps Online Services

No nonsense tools, apps and add-ons for SharePoint

## List Sync Service Configuration Guide

Author: Michael Bear

Date: 09 Oct 2018

Version: 1.0



## Overview

Follow this guide to understand how to configure the ThorApps List Sync Service for use in a SharePoint Online site collection. If you know what you're doing, you could complete the steps in less than 5 minutes. If it's your first time, maybe 30 minutes to an hour.

In this guide you will create and expose a SharePoint List for reporting.

## Prerequisites

To follow this guide, you will need the following items.

- An O365 tenant
- Access to Administer SharePoint Online in the O365 tenant
- An understanding of basic SharePoint terminology and navigation

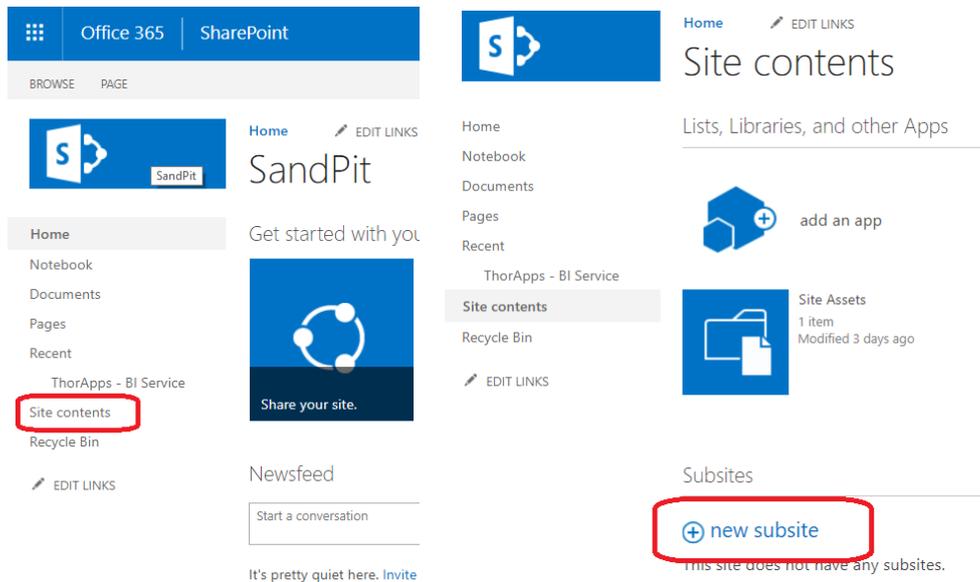


## Create and Expose a SharePoint List for Reporting

Open a browser and navigate to the root of the Sandpit site collection created in the Activation Guide (or an equivalent development site collection).

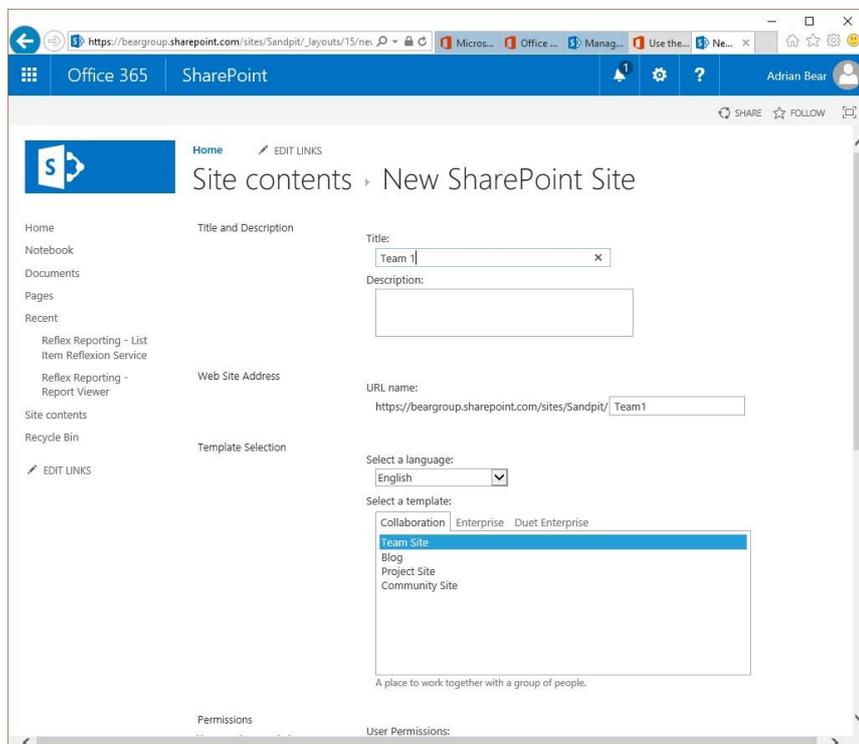
Click "Site contents".

Click "new subsite".



Create a new sub site using any name and template you like.

We've used the Team site template again and called it "Team 1".



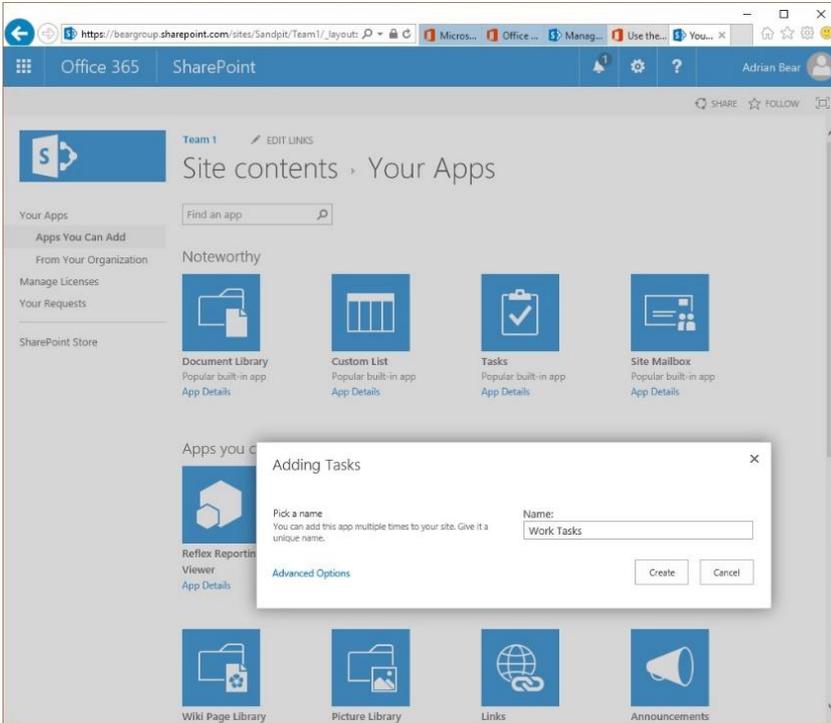
You'll be navigated to the new sub site once its created.



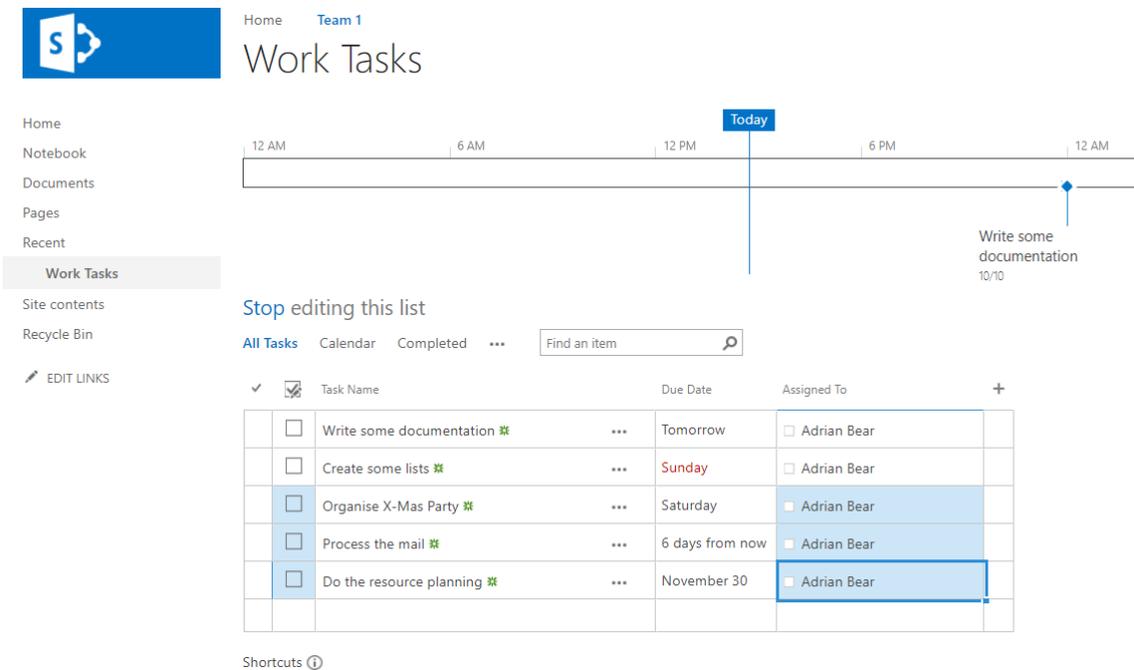
In the new sub site, click "Site contents".

Click "add an app".

Create a new list. Any list will do, we've used a "Tasks" list and called it "Work Tasks".



Enter some data into the list.



That's the list created, the next step is to expose it for reporting with the Reflex Reporting list sync service.



Return to the root of the site collection.  
Click "Site contents".  
Click "Reflex Reporting - List sync service".

The screenshot shows the SharePoint 'Site contents' page. The left-hand navigation pane includes links for Home, Notebook, Documents, Pages, Recent, ThorApps - List Synch Service, ThorApps - BI Service, Site contents (highlighted), and Recycle Bin. The main content area is titled 'Lists, Libraries, and other Apps' and features an 'add an app' button, a 'Documents' folder (0 items, modified 3 days ago), a 'Site Assets' folder (1 item, modified 3 days ago), and a 'Site Pages' folder (2 items, modified 3 days ago). A red box highlights the 'ThorApps - List Synch Service' item, which includes a 'new!' badge.

Click "Reporting Schemas".  
Click "Add New".

The first screenshot shows the 'ThorApps - List Sync' breadcrumb path with the 'Reporting Schemas' link highlighted in a red box. The second screenshot shows the 'ThorApps - List Sync Service' breadcrumb path with the 'Add New' button highlighted in a red box. Below the breadcrumb, the 'Reporting Schemas' table is visible, showing a header with 'Name', 'Enabled', and 'Show Database Reader' buttons. The table content is empty, displaying 'No data available in table' and navigation links (First, Previous, Next, Last). The status at the bottom indicates 'Showing 0 to 0 of 0 entries'.



Select the sub site and list we created earlier.

Back to Site ▶ ThorApps - List Sync Service

## ThorApps - List Sync Service

Environment : Development

Home

Reporting Schemas

Lists To Reflect Site Collection

Reflected Lists Web Site

Jobs List

Timers Field Selection  Standard User Fields  
 All Fields (including internal and hidden fields)

Field Types Name

Event Receivers List Management  All Lists with this Title across the Site Collection  
 Just this single List instance in this Web

SP Field Name  SP Internal Name  SP Field Type  Sql Field Name

Click "Save".

Back to Site ▶ ThorApps - List Sync Service

## ThorApps - List Sync Service

Environment : Development

Home

Reporting Schemas

Lists To Reflect Site Collection

Reflected Lists Web Site

Jobs List

Timers Field Selection  Standard User Fields  
 All Fields (including internal and hidden fields)

Field Types Name

Event Receivers

This process has created a table in an Azure SQL database, mapped the "Work Tasks" list to the it and processed all items from the list into the table. It has also registered event receivers onto the list, so that future edits to the list items will be "reflected" in real time into the SQL table.

Back to Site ▶ ThorApps - List Sync Service

## ThorApps - List Sync Service

Environment : Development

Home

Reporting Schemas

Lists To Reflect Name

Reflected Lists Enabled Yes

Jobs Date Created 10/9/2018 4:40:58 AM

Timers Created By i:0#.fjmembershipadmin@thorappsprojdevpaid.onmicrosoft.com

Field Types Date Modified 10/9/2018 4:40:58 AM

Event Receivers Modified By i:0#.fjmembershipadmin@thorappsprojdevpaid.onmicrosoft.com



So how do you see this?

If you click on "Reporting Schemas" there is a button called "Show Database Reader".

[Back to Site](#) ▶ ThorApps - List Sync Service



## ThorApps - List Sync Service

Environment : Development

Home

**Reporting Schemas**

Lists To Reflect Name

Reflected Lists Enabled Yes

Jobs Date Created 10/9/2018 4:40:58 AM

Timers Created By i:0#.fj.membership|admin@thorappsprojdevpaid.onmicrosoft.com

Field Types Date Modified 10/9/2018 4:40:58 AM

Event Receivers Modified By i:0#.fj.membership|admin@thorappsprojdevpaid.onmicrosoft.com

[Back to Site](#) ▶ ThorApps - List Sync Service



## ThorApps - List Sync Service

Environment : Development

Home

Reporting Schemas

Lists To Reflect Name   Enabled

Reflected Lists Yes

Jobs

Timers

Field Types

Event Receivers

Showing 1 to 1 of 1 entries

First Previous **1** Next Last

Click "Show Database Reader" to get the database connection and database reader credentials. You can then use these to create a report and view the data.

[Back to Site](#) ▶ ThorApps - List Sync Service



## ThorApps - List Sync Service

Environment : Development

Home

Reporting Schemas

Lists To Reflect

Reflected Lists

Jobs

Timers

Field Types

Event Receivers

Your public IP address

SQL Server name reflexreportingdev.database.windows.net

SQL Database Name thorappsprojdevpaidDEVReflexReporting

Account Name thorappsprojdevpaidDEVReflexReader

Password



## So, what's next?

### Purchasing

If you have completed the solution installation and configuration and have decided to purchase the solution, follow the Purchasing Guide included in the download package.

### License Activation

If you already have a license for ThorApps List Sync Service and wish to activate it, follow the Activation Guide included in the download package.