



ThorApps Online Services

No nonsense tools, apps and add-ons for SharePoint

List Sync Service Configuration Guide

Author: Michael Bear

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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".

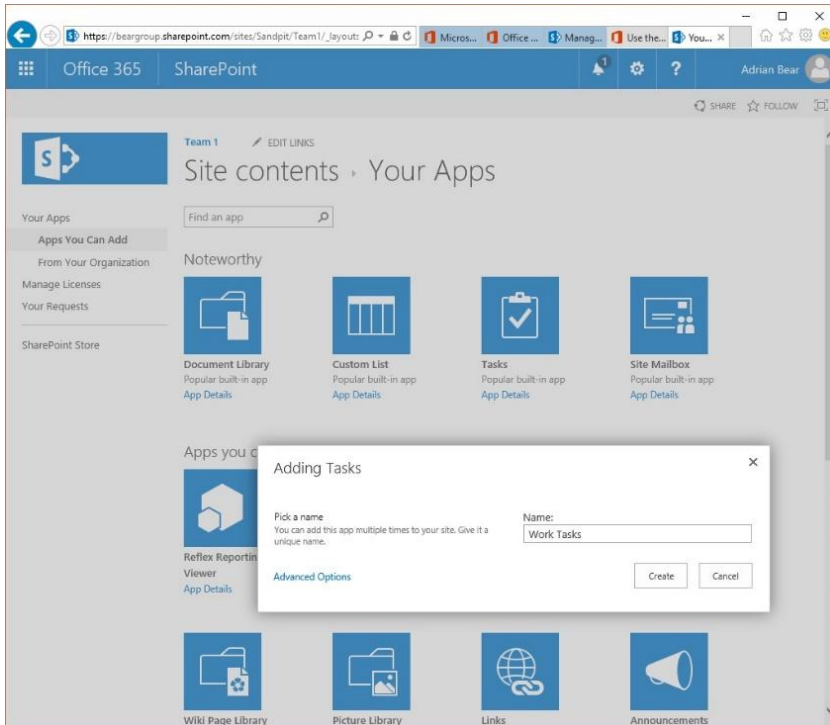
You'll be navigated to the new sub site once its created.



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.

Home

Notebook

Documents

Pages

Recent

Work Tasks

Site contents

Recycle Bin

EDIT LINKS

Home Team 1

Work Tasks

12 AM 6 AM 12 PM Today 6 PM 12 AM

Write some documentation 10/10

Stop editing this list

All Tasks Calendar Completed Find an item

Task Name	Due Date	Assigned To
<input type="checkbox"/> Write some documentation	Tomorrow	<input type="checkbox"/> Adrian Bear
<input type="checkbox"/> Create some lists	Sunday	<input type="checkbox"/> Adrian Bear
<input type="checkbox"/> Organise X-Mas Party	Saturday	<input checked="" type="checkbox"/> Adrian Bear
<input type="checkbox"/> Process the mail	6 days from now	<input type="checkbox"/> Adrian Bear
<input type="checkbox"/> Do the resource planning	November 30	<input type="checkbox"/> Adrian Bear

Shortcuts

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".

Home Team 1 EDIT LINKS

Site contents

Lists, Libraries, and other Apps

- Home
- Notebook
- Documents
- Pages
- Recent
 - ThorApps - List Synch Service
 - ThorApps - BI Service
- Site contents**
- Recycle Bin
- EDIT LINKS

add an app

Documents
0 items
Modified 3 days ago

Site Assets
1 item
Modified 3 days ago

Site Pages
2 items
Modified 3 days ago

ThorApps - List Synch Service
new!

Click "Reporting Schemas".

Click "Add New".

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ThorApps - List Sync

Environment : Development

- Home
- Reporting Schemas**
- Lists To Reflect
- Reflected Lists
- Jobs
- Timers
- Field Types
- Event Receivers

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ThorApps - List Sync Service

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Add New Process All Show Database Reader

No data available in table

First Previous Next Last

Showing 0 to 0 of 0 entries



Select the sub site and list we created earlier.

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[Save](#) [Cancel](#)

Site Collection

Web Site

List

Field Selection

Name

List Management

SP Field Name

SP Internal Name

SP Field Type

Sql Field Name

/sites/SandPit
/sites/SandPit/Team1
Work Tasks

☒ Standard User Fields

☐ All Fields (including internal and hidden fields)

☒ All Lists with this Title across the Site Collection

☐ Just this single List instance in this Web

Click "Save".

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Site Collection

Web Site

List

Field Selection

Name

/sites/SandPit

/sites/SandPit/Team1

Work Tasks

☒ Standard User Fields

☐ All Fields (including internal and hidden fields)

Work Tasks

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.

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[Delete](#) [Save](#) [Disable](#) [Close](#) [Fields](#)

Name Work Tasks

Enabled Yes

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

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

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

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".

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Delete Save Disable Close Fields

Name Work Tasks

Enabled Yes

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

Created By i:0#.fjmembership|admin@thorappsprojdevpaid.onmicrosoft.com

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

Modified By i:0#.fjmembership|admin@thorappsprojdevpaid.onmicrosoft.com

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Add New Process All **Show Database Reader**

Name Enabled

Work Tasks Yes

First Previous 1 Next Last

Showing 1 to 1 of 1 entries

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.

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Close

Your public IP address [redacted]

SQL Server name reflexreportingdev.database.windows.net

SQL Database Name thorappsprojdevpaidDEVReflexReporting

Account Name thorappsprojdevpaidDEVReflexReader

Password [redacted]



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.