

# ENVIRONMENT SETUP GUIDE PROJECT SYNC SERVICE

## REFERENCES

This guide is part of ThorApps – ProjectSync Service product documentation. We encourage you to click through the links below to learn about using the ProjectSync Service app:

1. [Installation Guide](#)
2. Environment Setup Guide (this document)
3. [User Guide](#)
4. [Purchasing Guide](#)
5. [Uninstall Guide](#)

## OVERVIEW

All ThorApps Online services support the concept of “Environments” which allows you to access common content managed by our Apps from multiple Site Collections. This feature allows you to keep a level of separation between different Site Collections. For example, you could keep your HR information separate from your regular Teams sites. You can also use this feature to keep Development or Testing environments in separated from your Production environment. In addition to keeping content separate, you may also wish to access the same content from different site collections, for example content available through Team sites could also be accessible from a root Intranet site.

## PREREQUISITES

To follow this guide, you will need the following:

- ThorApps Project Sync Service app installed to a SharePoint Online PWA site collection
- Site Collection Administration permissions
- An understanding of basic SharePoint terminology and navigation
- A Service Account to be used by the ProjectSync service

## SETUP

From the Site contents of your SharePoint PWA site, click on the app “ThorApps – Project Sync Service”.

The screenshot shows the 'Site contents' page of a SharePoint PWA site. On the left, there is a navigation menu with items: Projects, Approvals, Tasks, Timesheet, Resources, Reports, and an 'EDIT LINKS' option. The main content area is titled 'Lists, Libraries, and other Apps' and displays a grid of app tiles. The tiles include: 'add an app', 'PWA Data Connections' (357 items, Modified 3 months ago), 'Style Library' (5 items, Modified 3 months ago), 'Form Templates' (0 items, Modified 3 months ago), 'PWA Reports' (204 items, Modified 3 months ago), 'TestList' (0 items, Modified 2 months ago), 'Project Detail Pages' (5 items, Modified 3 months ago), and 'PWA Templates' (0 items, Modified 3 months ago). The 'ThorApps - Project Sync Service' tile, which features a 'new!' badge, is highlighted with a red rounded rectangle.

This will navigate you through to our Setup wizard.

Click the “Next” button.

The screenshot shows the 'Environment Setup start' page for 'ThorApps - Project Sync'. At the top, there is a navigation bar with 'Back to Site' and 'Project Sync'. Below the navigation bar is the 'THORAPPS Project Sync' logo. The page content includes: 'Environment : Undefined', a 'Home' link, and the heading 'Environment Setup start'. A message states: 'This wizard will guide you through configuring 'ThorApps - Project Sync' on this site.' At the bottom right, there is a 'Next' button, which is highlighted with a red rounded rectangle.

Enter some appropriate details to describe your environment.

For example, if this is for a development site, “DEV” for the abbreviation and “Development” for the full name.

Click the “Next” button.

Back to Site ▶ Project Sync



# Project Sync

Environment : Undefined  
[Home](#)

## Environment selection

ThorApps Online Services cater for multiple environments. You can create (for example) Development, UAT and Production environment divisions and use change management procedures to promote configuration changes through the environments.

ThorApps App instances must be mapped to an Environment and different Apps within the same site collection must/will be mapped to the same Environment.

Environment	<input type="text" value="Add new"/>	
Abbreviation	<input type="text" value="DEV"/>	(e.g. PROD)
Full Name	<input type="text" value="Development"/>	(e.g. Production)

If you wish to use you own report server, select the option below and fill out the required fields.

Click the button “Next”.

The screenshot shows the 'Environment Database selection' step of the Project Sync wizard. At the top, there is a navigation bar with 'Back to Site' and 'Project Sync'. Below this is the ThorApps logo and the title 'Project Sync'. The environment is listed as 'Undefined' with a 'Home' link. The main heading is 'Environment Database selection', followed by a paragraph explaining that users can select a SQL Server database ListSync will connect to. Two radio button options are presented: 'Just let ThorApps host the database' (selected) and 'I'd rather host the database myself and let ThorApps publish into it'. At the bottom right, there are 'Previous' and 'Next' buttons, with the 'Next' button highlighted by a red circle.

Click “Finish” to complete the wizard.

The screenshot shows the 'Environment Setup finish' step of the Project Sync wizard. It features the same navigation bar and ThorApps branding as the previous step. The main heading is 'Environment Setup finish', followed by a paragraph stating that clicking 'Finish' will create a background job to set up the environment. At the bottom right, there are 'Previous' and 'Finish' buttons, with the 'Finish' button highlighted by a red circle.

This takes a few minutes, during which you will be prompted to setup a service account.

The ProjectSync service account must have

- A long non-expiring password
- Multi-factor authentication (MFA) disabled
- At least a P3 Project Online license
- Be added as a Project Online Site Collection Administrator
- If you are using SharePoint permissions mode, the account must be added to the “Administrators for Project Web App” SharePoint Group
- If you are using Classic Project permissions mode, the account must be added to the “Administrators” Project Server group

Back to Site ▸ Project Sync

**THORAPPS** Project Sync

Environment : Development  
Home  
Service Accounts  
Entity Type Sets  
Entity Types  
Events  
Settings  
Queue  
Jobs  
debug JSON

### Project Online connectivity

Project Sync currently does not support App Only authentication. Therefore you need to create an account for ThorApps Online Services to use when querying your Project Online environment. This account **MUST** have admin rights in Project Online as it needs to register remote event handlers and read ALL project data. Please make sure this account has a **VERY complicated password** that is set to either never expire or has a very long expiry time (you can change this password later and you will be prompted if the password has expired).

Account Name: admin@thorappsprojdevpaic  
Password: ●●●●●●●●  
Not Verified Verify

Next

Enter the service account name and password and click “Verify” to confirm it is valid. Click “OK”.



# Project Sync

Environment : Development

[Home](#)

[Service Accounts](#)

[Entity Type Sets](#)

[Entity Types](#)

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[debug.JSON](#)

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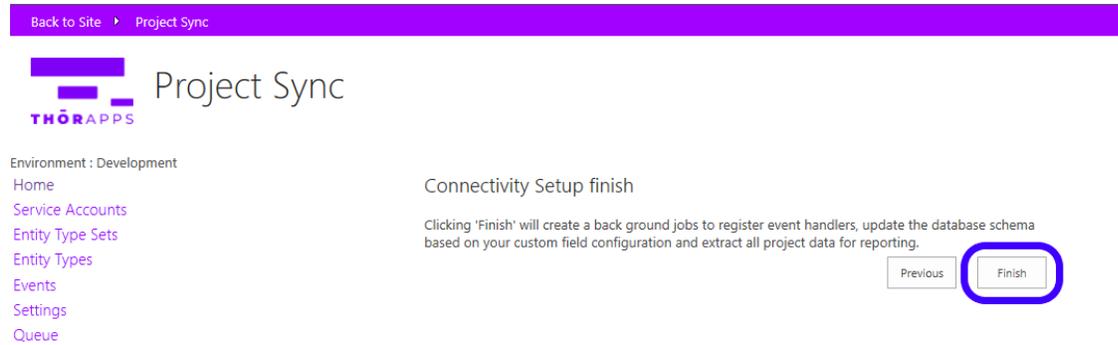
Please make sure this account has a **VERY complicated password** that is set to either never expire or has a very long expiry time (you can change this password later and you will be prompted if the password has expired).

Account Name

Password

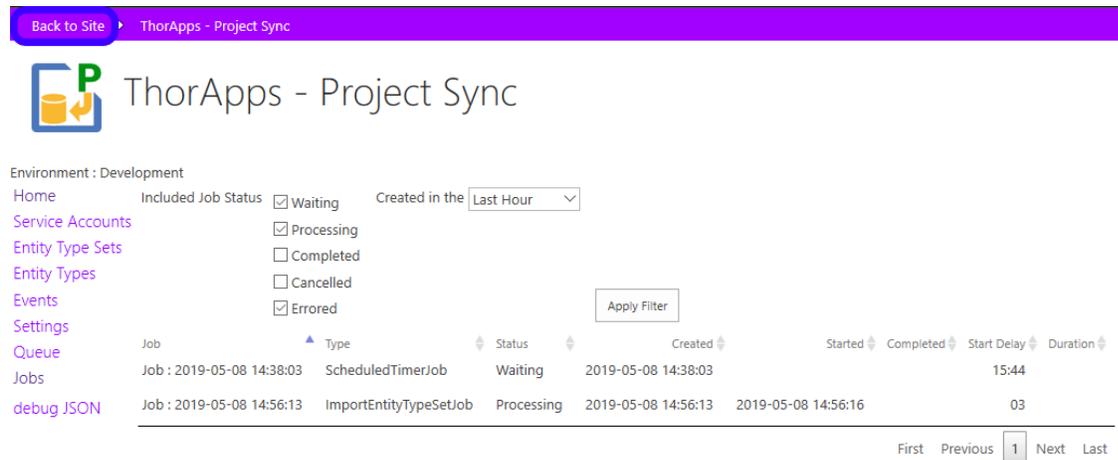
[Verified](#)

Click "Finish".



You will be navigated to the "Jobs" page once set-up is complete.

Click "Back to site" in the upper left corner.



Job	Type	Status	Created	Started	Completed	Start Delay	Duration
Job : 2019-05-08 14:38:03	ScheduledTimerJob	Waiting	2019-05-08 14:38:03				15:44
Job : 2019-05-08 14:56:13	ImportEntityTypeSetJob	Processing	2019-05-08 14:56:13	2019-05-08 14:56:16			03

## NOW WHAT?

If you would like directions on purchasing a subscription, follow the [Purchasing Guide](#).

## ANY QUESTIONS?

Contact our team of specialists at [info@thorapps.com](mailto:info@thorapps.com).