

KNOWLEDGE BASE ARTICLE

Display Azure DevOps Query Results on SharePoint Site



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Introduction

Bringing SharePoint Online and **Azure DevOps** together lets teams work with real-time engineering data without leaving the collaborative space where they already plan, document, and communicate.

This article walks you through installing and configuring the [Azure DevOps Query Viewer Web Part](#) in **SharePoint Online** to display the results of an Azure DevOps query.

Whether you're a developer streamlining your workflow or an administrator improving your team's project management, this step-by-step guide will help you set up and customize the web part for your needs.

Azure DevOps Query Viewer Web Part

The Azure DevOps Query web part is part of the My Tasks solution and has been available since version 6.x.



Note

To use this web part, make sure your My Tasks solution is updated to the latest version. For step-by-step instructions, see the [solution update guide](#).

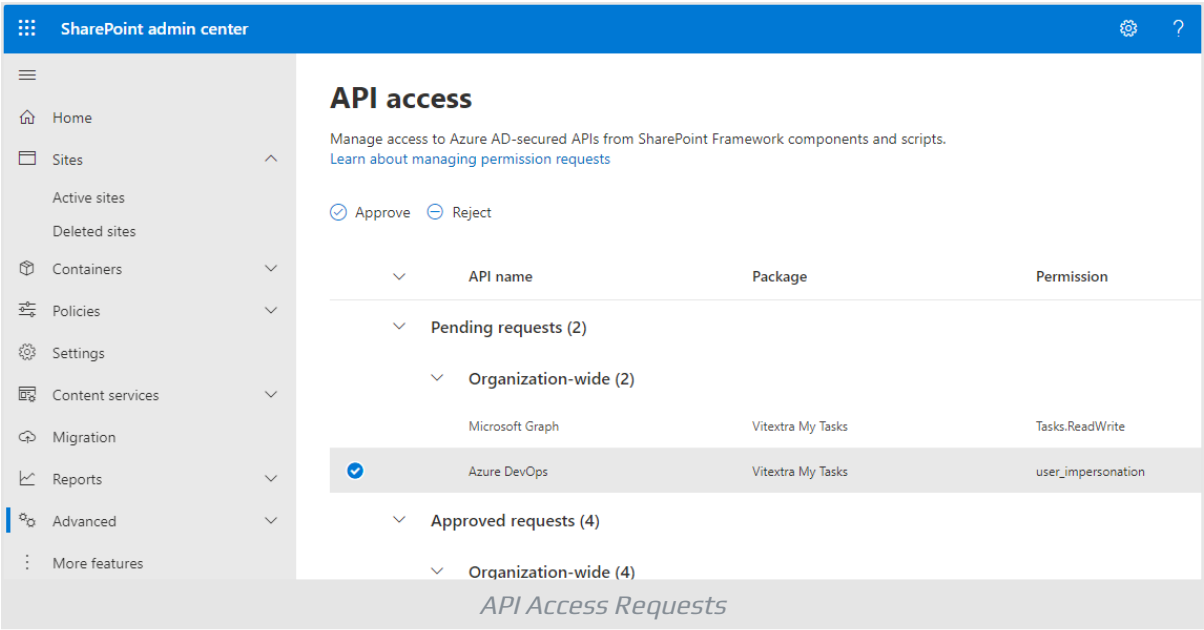
Prerequisites

Before you install and configure the web part on your SharePoint Online site, make sure the following prerequisites are in place:

1. Approved API Access for the SharePoint Solution

Your SharePoint Online environment must have the required API access approved. This means registering the SharePoint solution with **Entra ID** and granting it permission to call the Azure DevOps **REST APIs**.

Without this access, the web part cannot retrieve or display data from Azure DevOps.



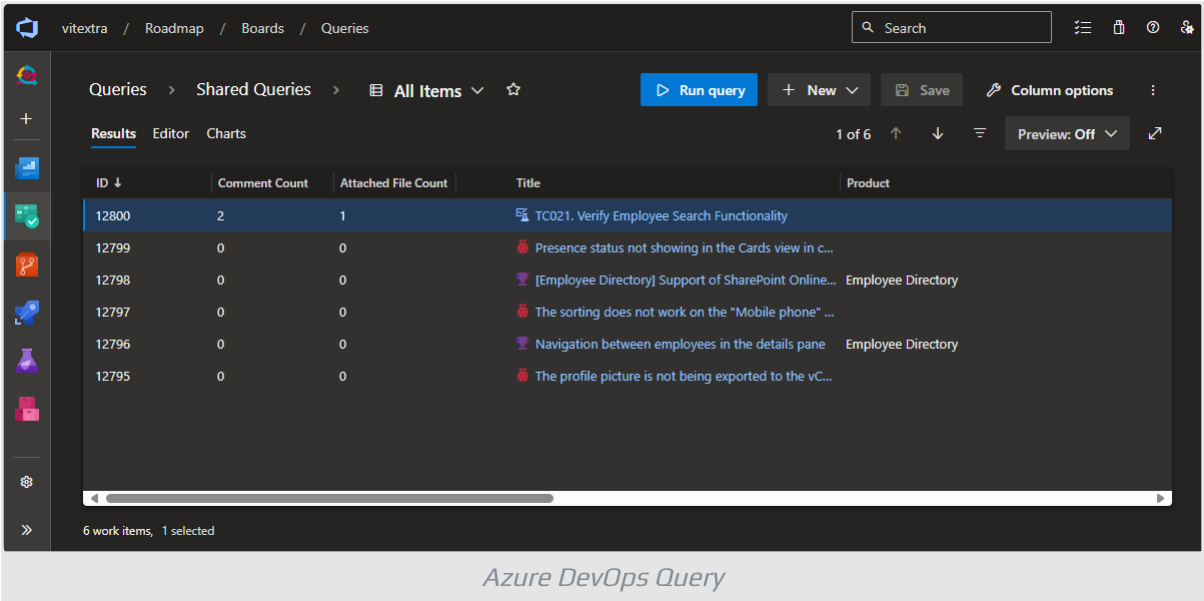
 **Tip**

For detailed installation instructions, see the [How to Install a Vitextra Product in SharePoint Online](#) article.

2. Access to Azure DevOps Organization

You need access to the Azure DevOps organization that will serve as the web part's data source. This means having an active Azure DevOps account and being a member of the organization where the queries are stored.

Without this access, the web part cannot fetch the data it needs.



Note

Within SharePoint Online and Azure DevOps, the My Tasks solution calls the API and other services on behalf of the signed-in user.

3. Necessary Permissions to Read Information about Projects and Queries

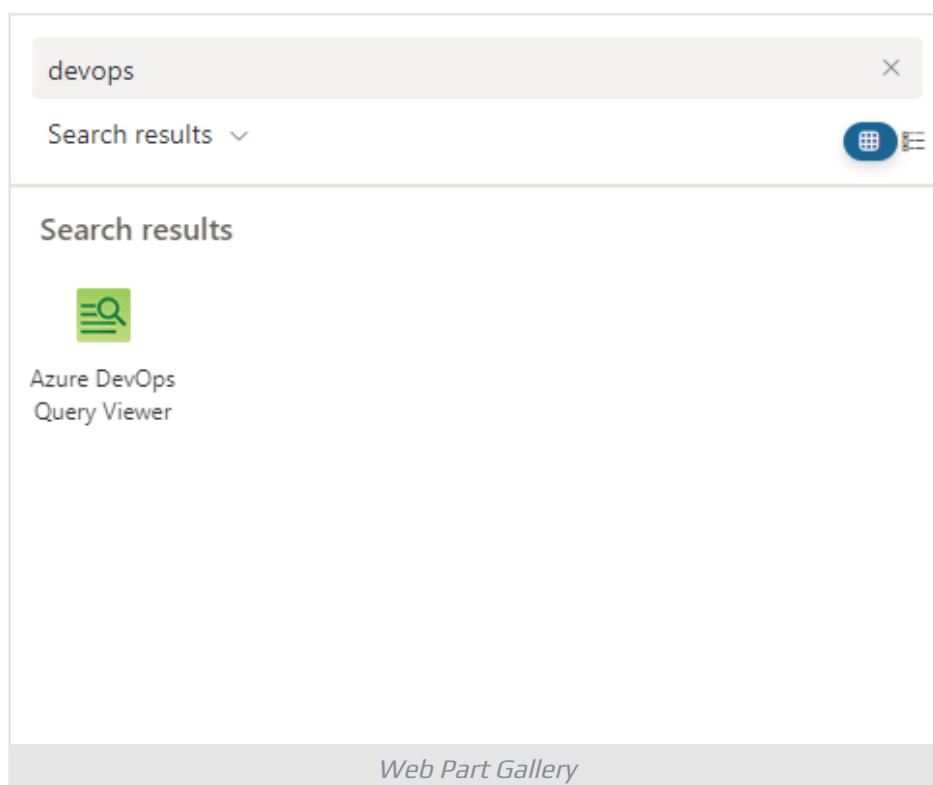
Everyone who uses the web part needs the appropriate Azure DevOps permissions to read projects and queries — typically at least read access to the projects and queries shown on the SharePoint page.

Make sure users' Azure DevOps roles grant these permissions to avoid access issues during use.

Adding the Web Part

Once all prerequisites are in place, you can add the Azure DevOps Query web part to your SharePoint Online site.

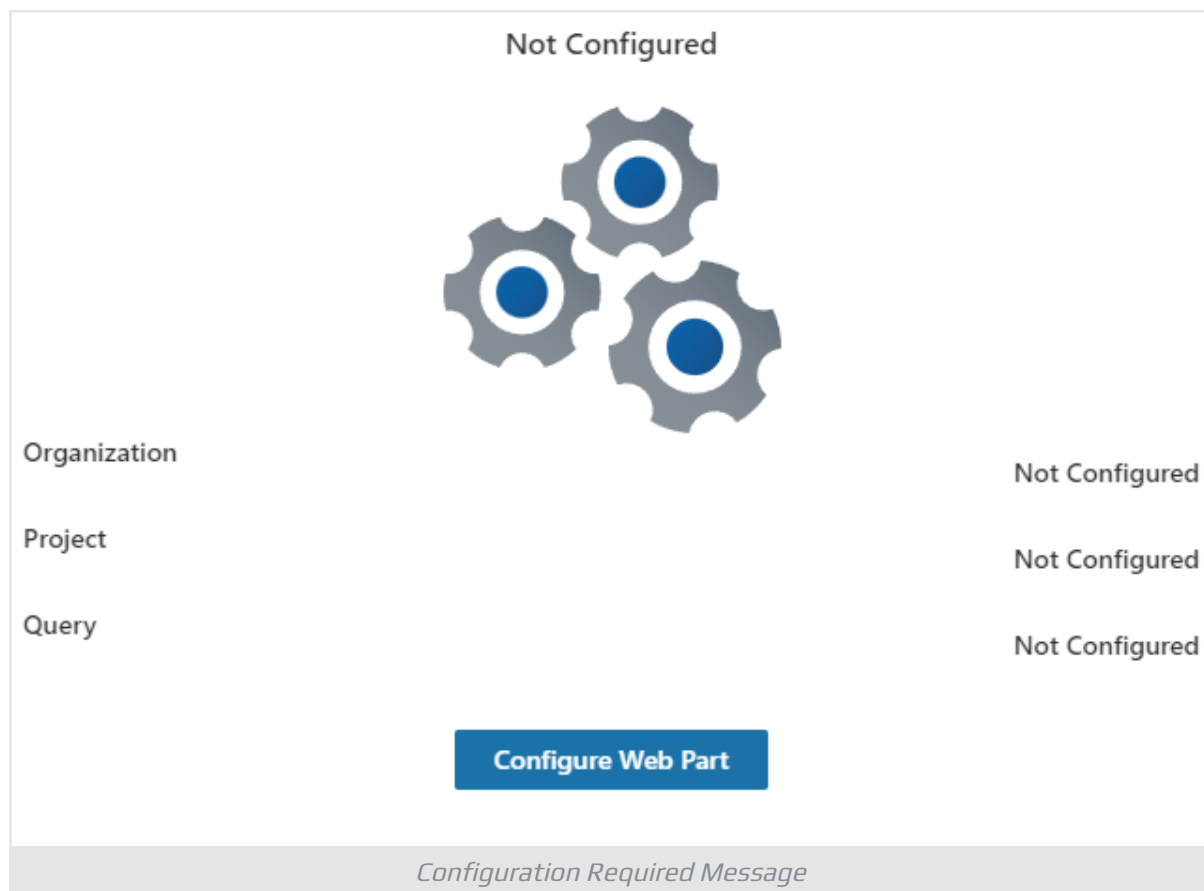
Go to the page where you want the web part and click **Edit**. Then click the **+** icon to add a new web part — a list of **available web parts** appears.



Search for the Azure DevOps Query web part in the list and select it to add it to

the page.

Once it's added, the web part shows a notice that it isn't configured yet:



Configure it to display the query results you want.

Web Part Configuration

Click the **Edit web part** (pencil) icon or the **Configure Web Part** button to open the configuration pane.

Data Source

In the configuration pane, enter the details needed to connect to your Azure DevOps organization:

- Azure DevOps **Organization**.
- **Project** whose query results you want to display.
- The specific **Query** to display.

Data Source ^

Organization
vitextra v

Project
Roadmap v

Query
Shared Queries/All Items v

Data Source Settings

Supported Query Types

The web part currently supports flat queries only. A flat query lists **work items** without any hierarchy, so the web part shows a simple list of the work items that match your criteria. Tree and direct-links queries — which involve parent-child or linked work items — are not supported.

Warning

The Azure DevOps Query web part currently supports only flat queries.

Display Options

Use the **Row Limit** slider to set how many work items are displayed at a time.

To enable pagination, select **Display items in batches of the specified size** and choose where the pagination control appears (top, bottom, or both).

To disable pagination, select **Limit the total number of items returned to the specified amount** and enter the number you want.

Item Limit

Row Limit

10

Pagination navigation

☒ Display items in batches of the specified size.

☐ Limit the total number of items returned to the specified amount.

Position

Bottom

Item Limit and Pagination Settings

Appearance

The final section lets you customize how query results appear on your SharePoint Online site. Two key options are:

- 1 **Compact List.** Displays the results list in a more condensed format, so you can fit more information on screen with less scrolling.
- 2 **Command Bar.** Gives users quick access to actions for the displayed results, such as refreshing the data and exporting to Excel.

Appearance

Compact List

On

Command bar

On

Appearance Settings

Result

After completing these steps, Azure DevOps query results are integrated into your SharePoint Online site. Your team can now view real-time Azure DevOps data directly in SharePoint, improving collaboration and project management efficiency.

Azure DevOps Query

 Refresh

ID			Title	State	Description	Tags
12796			 Navigation between employees in the details	 Done		
12797			 The sorting does not work on the "Mobile ph	 Done		
12798			 [Employee Directory] Support of SharePoint O	 New		
12799			 Presence status not showing in the Cards view	 Done		
12800	2	1	 TC021. Verify Employee Search Functionality	 Design	Ensure that the e...	Search

<<

<

1

2

>

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Azure DevOps Query Viewer Web Part

Conclusion

The Azure DevOps Query web part brings up-to-date query results from Azure DevOps into SharePoint, so your team always sees the latest information without switching between platforms. With options like compact mode and the command bar, you can tailor the display to your needs and give everyone a single, shared view of project tasks and progress.

Terms

Azure DevOps

Azure DevOps Services (formerly Visual Studio Team Services) is a cloud-based product that provides version control, requirements management, automated pipelines for builds and releases, and testing capabilities.

Entra ID

Microsoft Entra ID (formerly Azure Active Directory) is a cloud-based identity and access management service offered by Microsoft. This service allows organizations to efficiently manage and secure their users' identities and access to a variety of resources, both internal and external. These resources include Microsoft 365, the Azure platform, and thousands of other software-as-a-service (SaaS) applications.

REST API

REST API (Representational State Transfer Application Programming Interface) is a standardized way for software applications to communicate over the internet. It enables clients to request and manipulate data from a server using standard HTTP methods like GET, POST, PUT, and DELETE. REST APIs are widely used for building web services that are scalable, flexible, and can be accessed by various client applications.

SharePoint Online

Cloud version of SharePoint, a web-based collaborative platform within Microsoft 365 provides an extensive range of capabilities to store, share, and manage digital information, content, and knowledge of an organization.

Web Part Gallery

The SharePoint Web Part Gallery is a centralized repository within SharePoint where users can discover, access, and manage various pre-built components, known as web parts, to enhance the functionality and customization of their SharePoint sites. It offers a diverse range of tools and widgets developed by Microsoft and third-party developers, empowering users to easily extend and tailor their SharePoint experience to meet specific business needs without extensive coding or development.

Work Item (Azure DevOps)

A Work Item in Azure DevOps is a unit used to track various types of work within a project, such as tasks, bugs, features, and user stories. It helps teams plan, manage, and monitor their work efficiently, ensuring all project aspects are documented and progress is tracked.

Terms