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.

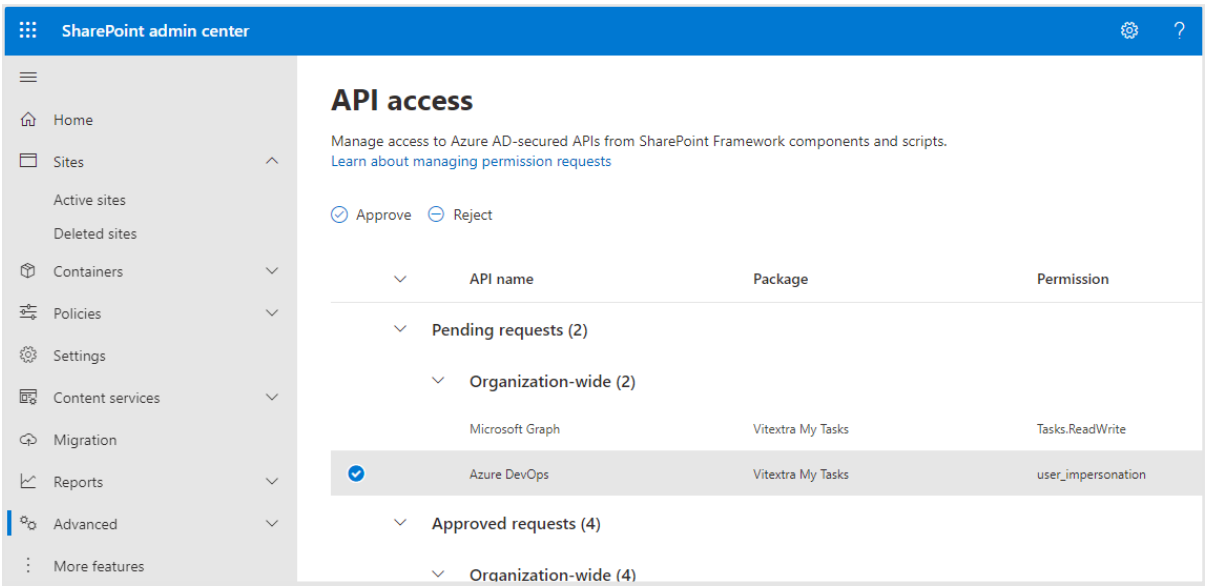
Prerequisites

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.



API Access Requests

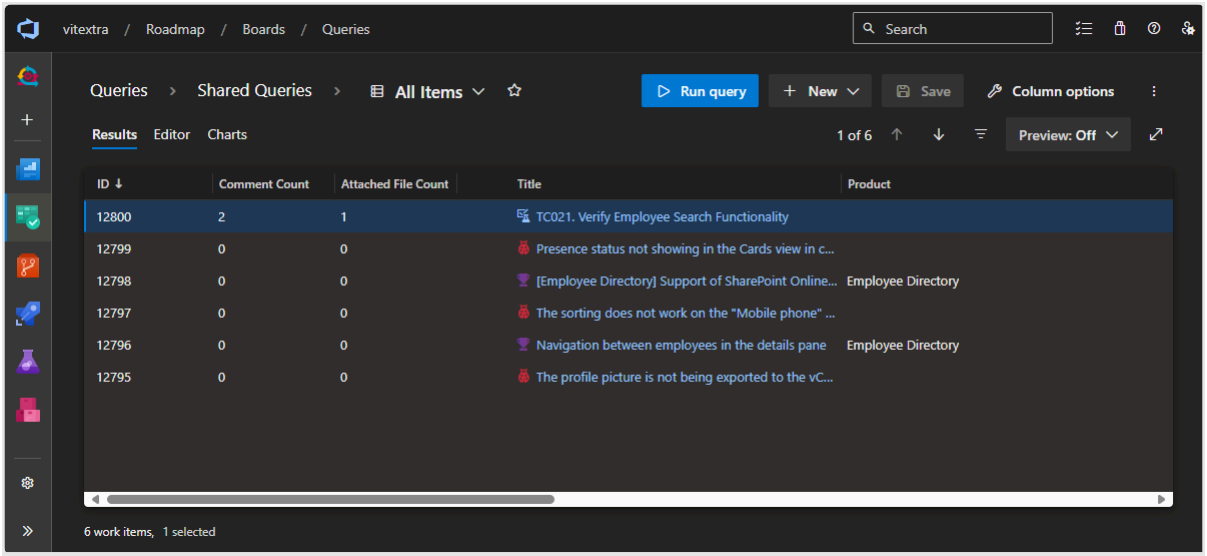
Tip

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.



Azure DevOps Query

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

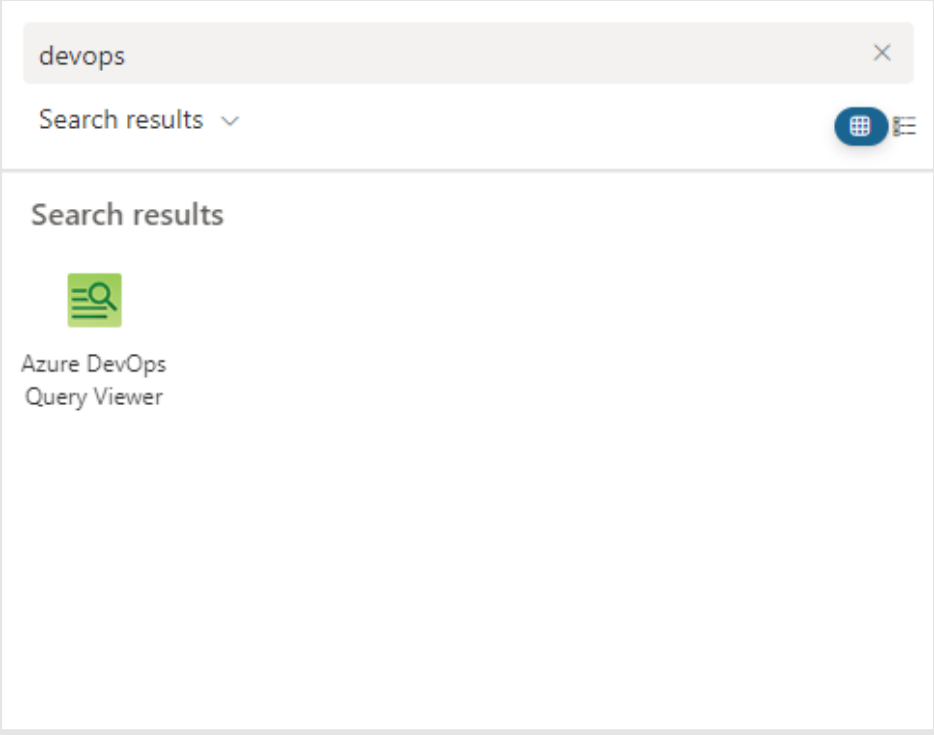
Everyone who uses the web part needs the appropriate Azure DevOps permissions to read projects and queries — typically at least read access to the projects and queries shown on the SharePoint page.

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.

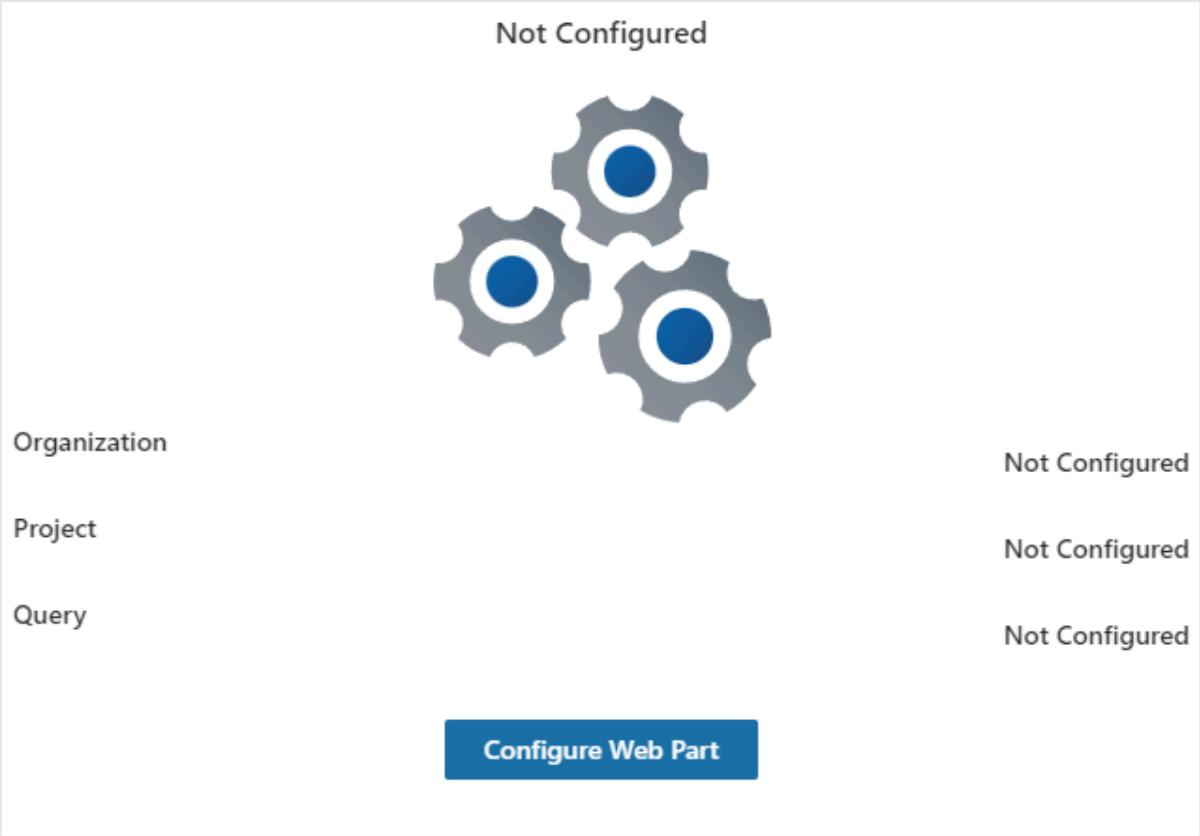
Go to the page where you want the web part and click **Edit**. Then click the **+** icon to add a new web part — a list of **available web parts** appears.



Web Part Gallery

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:



Configuration Required Message

Configure it to display the query results you want.

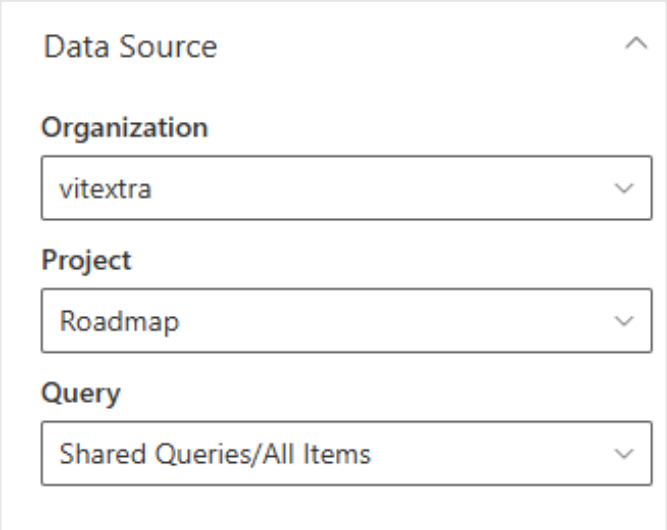
Web Part Configuration

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 Settings

Supported Query Types

The **Query** drop-down offers saved queries of these types:

Query type in Azure DevOps	How it is shown
Flat list of work items	A table; you can sort and group it.
Tree of work items	An expandable hierarchy; sorting and grouping are turned off.
Work items and direct links (one-hop)	An expandable hierarchy, like a tree query.

Other query kinds are not offered. A query is loaded with its own columns and its own order, and at most 1000 work items are loaded per query.

Note

Earlier versions of the web part supported flat queries only. Tree and direct-links queries are supported in the current version of My Tasks; make sure the solution is updated to the latest version.

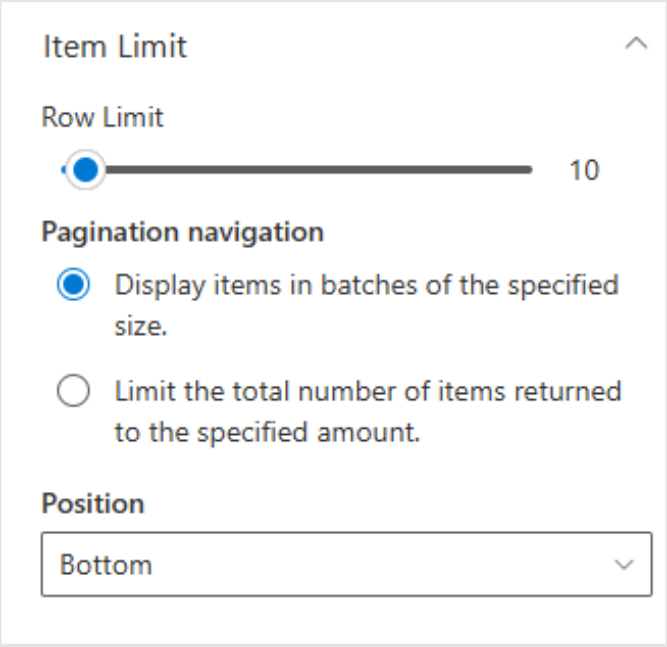
Display Options

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.

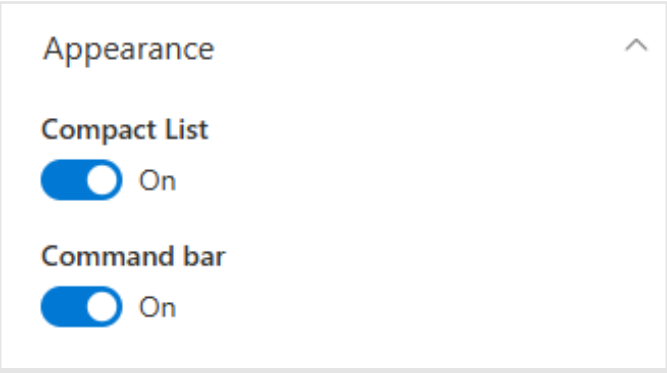


Item Limit and Pagination Settings

Appearance

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

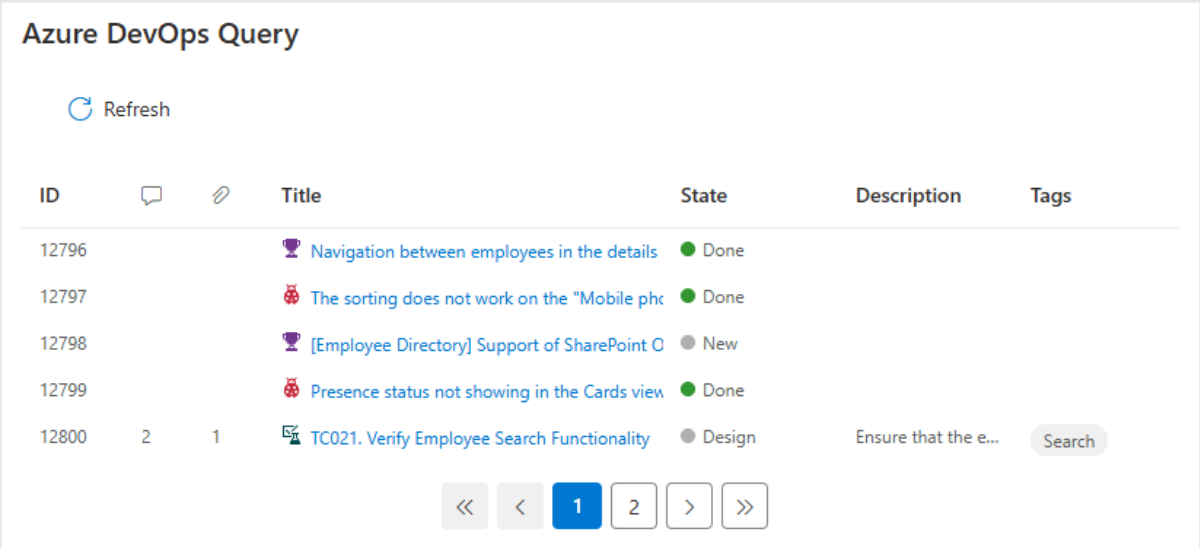
1 **Compact List**. Displays the results list in a more condensed format, so you can fit more information on screen with less scrolling.
2 **Command Bar**. Gives users quick access to actions for the displayed results, such as refreshing the data and exporting to Excel.



Appearance 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 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.

Microsoft Entra ID
Microsoft Entra ID (formerly Azure Active Directory) is a cloud-based identity and access management service offered by Microsoft. It 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 on a server using standard HTTP methods such as 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
The cloud version of SharePoint, a web-based collaboration platform within Microsoft 365 that provides an extensive range of capabilities to store, share, and manage the digital information, content, and knowledge of an organization.

Web Part Gallery
The Web Part Gallery is a central repository in SharePoint where users can discover, access, and manage pre-built components, known as web parts, that extend and customize their SharePoint sites. It offers a range of tools and widgets developed by Microsoft and third-party developers, allowing users to extend their SharePoint experience to meet specific business needs without extensive coding or development.