

# d.velop

d.velop enterprise search  
for Microsoft SharePoint:  
Administrator

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# 1. d.velop enterprise search for Microsoft SharePoint

## 1.1. Basic information on the application

This chapter contains general product information and conventions regarding documentation.

### 1.1.1. About d.velop enterprise search for Microsoft SharePoint

An ECM system enables structured data storage. As a rule, information objects are not only present in structured in your ECM system, but are also created in other systems and platforms. For example, the correspondence in your Exchange server also contains a lot of information in e-mails that could be relevant for a business transaction. With enterprise search, you can overcome data silos and find information not just in your ECM system, but in your heterogeneous business landscape using providers.

## 1.2. Installation and uninstallation

In this chapter, you can find information about the installation of d.velop enterprise search for Microsoft SharePoint.

### 1.2.1. System requirements

Pay attention to the [general system requirements for d.velop products](#).

### 1.2.2. Installing the Microsoft SharePoint provider

You install the software exclusively with d.velop software manager. If an application is required for different products, the corresponding software packages are also installed automatically.

For further information on installing the software, see the d.velop software manager manual.

### 1.2.3. Uninstalling the Microsoft SharePoint provider

The software you installed using d.velop software manager can only be uninstalled with d.velop software manager. If the software to be uninstalled has dependencies with other software packages, you must resolve these conflicts accordingly.

For further information on uninstallation, see the d.velop software manager manual.

## 1.3. Configuring the Microsoft SharePoint provider

In this chapter, you'll find more information about the settings and configuration options.

### 1.3.1. Preparing to create the repository

Before you can create a SharePoint site collection as a repository with d.velop connect for Microsoft SharePoint, you need the following information:

- Directory ID (tenant)
- Application ID (client)
- Client secret
- Endpoint as a URL

Below, you will learn how to obtain this information.

#### This is how it works

1. Log in to the [Microsoft Azure Portal](#) with the subscription contained in your Microsoft SharePoint online instance.

2. Navigate to **Azure Active Directory**.
3. Click **App registrations**.
4. Click **New registration** and enter the name **d.velop SharePoint Adapter**.
5. Select the supported account type **Accounts in any organizational directory - Multitenant**.
6. In the **Redirect URI** area, select the type **Web** and enter your URI as per the following example: <https://<base address>/sharepointadapter/oauth2/token>
7. Create the app registration by clicking **Register** and go to the **API authorizations** area.
8. Click **Add a permission** and select **SharePoint**. In each case, configure the type **Delegated permissions**.

For a pure search scenario with d.velop enterprise search, you can restrict the permissions to read permissions:

- AllSites.Read
- User.Read.All
- MyFiles.Read
- Sites.Search.All

For a document archiving scenario, please use the following permissions when creating the delegated permissions.

- AllSites.Read
- AllSites.Write
- MyFiles.Read
- MyFiles.Write
- Sites.Search.All
- TermStore.Read.All
- TermStore.ReadWrite.All
- User.Read.All

9. Make a note of the directory ID (tenant) and the application ID (client) from the summary page.
10. Switch to the **Certificate and secrets** section.
11. Click **New client secret**.
12. Enter **d.velop SharePoint Adapter** as the description and set **Expires to Never**.
13. Click **Add** and make a note of the client key so you can use it later.
14. Also note the endpoint to your Microsoft SharePoint Online instance up to the end of the Top Level Domain. For example, <https://<YourSharePointOnline>.sharepoint.com/>  
How to find the URL: Go to **SharePoint admin center** > **Settings** > **Site creation**. The URL is in the **Create team sites under** area.

You have now made all the preparations needed to create your Microsoft SharePoint online instance as a repository in d.velop connect for Microsoft SharePoint.

### 1.3.2. Adjusting a registered SharePoint connection

It is possible to adjust a Microsoft SharePoint connection that has already been created.

Please check whether other configurations, such as Microsoft SharePoint mapping, are dependent on this configuration.

#### This is how it works

1. Click the **Configuration** tile on the start page.
2. Go to **Settings for Microsoft SharePoint** > **Connection data**.
3. Click on the pen icon next to an entry.

You can now adjust the creation of your Microsoft SharePoint connection.

### 1.3.3. Deleting a SharePoint connection

It is possible to remove a Microsoft SharePoint connection that has already been created.

Please check whether other configurations, such as Microsoft SharePoint mapping, are dependent on this configuration.

#### This is how it works

1. Click the **Configuration** tile on the start page.
2. Go to **Settings for Microsoft SharePoint > Connection data**.
3. Click on the trash can icon to remove an entry.

You have successfully deleted the registration for your Microsoft SharePoint connection.

### 1.3.4. Configuring the Microsoft SharePoint connection for d.velop enterprise search

In this section, you can learn how to connect Microsoft SharePoint Online to your company-wide search.

#### This is how it works

1. Click **Configuration** on the start page.
2. Under **Enterprise search**, choose the entry **Manage search provider**.
3. Next to the **Microsoft SharePoint** grouping, click the **gearwheel** and go to the **Connection data** dialog box from there.
4. Follow the instructions from the section **Creating a SharePoint site collection for use in the d.velop cloud platform** and create the required SharePoint connection.
5. Activate the created SharePoint connection that is now available in the **Manage search providers** dialog box to add it to d.velop enterprise search as a search option.
6. Click **Save** to add the configuration.

You have successfully added the Microsoft SharePoint provider.

## 1.4. Additional information sources and imprint

If you want to deepen your knowledge of d.velop software, visit the d.velop academy digital learning platform at <https://dvelopacademy.keelarning.de/>.

Our E-learning modules let you develop a more in-depth knowledge and specialist expertise at your own speed. A huge number of E-learning modules are free for you to access without registering beforehand.

Visit our Knowledge Base on the d.velop service portal. In the Knowledge Base, you can find all our latest solutions, answers to frequently asked questions and how-to topics for specific tasks. You can find the Knowledge Base at the following address: <https://kb.d-velop.de/>

Find the central imprint at <https://www.d-velop.com/imprint>.