

d.velop

d.velop enterprise search for
Google: Administrator

Table of Contents

1. d.velop enterprise search for Google	3
1.1. Basic information on the application	3
1.1.1. About d.velop enterprise search for Google	3
1.2. Installation and uninstallation	3
1.2.1. System requirements	3
1.2.2. Installing the Google search provider	3
1.2.3. Uninstalling the Google search provider	3
1.3. Configuring the Google Search Provider	3
1.3.1. Creating the Google Access Data	3
1.3.2. Adding a Google Connection	4
1.4. Additional information sources and imprint	4

1. d.velop enterprise search for Google

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 Google

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.

The search provider d.velop enterprise search for Google enables searches in Google applications.

1.2. Installation and uninstallation

This chapter contains information on the installation of d.velop enterprise search for Google.

1.2.1. System requirements

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

1.2.2. Installing the Google search 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.

After the installation, call the **Search provider** dialog in the configuration to refresh the list of available search providers. Call this dialog again every time the configuration is changed in the search provider to update the configuration.

1.2.3. Uninstalling the Google search 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 Google Search Provider

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

1.3.1. Creating the Google Access Data

To connect the Google search provider to the enterprise search, you must first set up access to Google. For this, the search provider requires an OAuth2 authentication. With this authentication, you provide an access point to Google with which your users can authenticate themselves. You are responsible for monitoring this access point. This chapter describes how to create an access point.

This is how it works

1. Open the [Dashboard in Google Cloud Platform](#).
2. Log in with your credentials. If you do not yet have any credentials, register with Google.
3. In the **Dashboard**, create a new project. Click on the project dropdown at the top next to **Google APIs**.

4. Click **Select a project > New project** in the dialog that opens.
5. Enter `d.velopenterprisesearch` as the project name and create the project.
6. In the created project, go to the **Credentials** menu.
7. Click on the button **Configure Consent Screen**.
8. Specify whether only internal users of your organization or every user with a Google account can use the application.
9. Under **Application name**, enter `d.velop enterprise search`.
10. Enter the email address for technical notifications.
11. Under **Authorized domains**, enter the top-level domain under which the application is operated. Remember to confirm your entry with the Enter key.
12. Save your entries and go to the **Credentials** tab.
13. Click **Create credentials** and choose the entry **OAuth client ID**.
14. In the next dialog, choose application type **Web application**.
15. Assign the name `d.velop enterprise search`.
16. Based on your installation, enter an authorized redirect URI. This has the following structure:

```
https://<Ihre Sub-Domain>.<Ihre Top-Level-Domain>/googleadapter/oauth2/token
```

Remember to confirm your entry with the Enter key.

17. Click **Create**. You will receive a **client ID** and the **client secret** for further configuration. You can view this information in the Dashboard at any time.
18. Now go to **Library**.
19. Choose **Google Drive API** and click **Enable**.
20. Go back to **Library**.
21. Choose **Google Calendar API** and click **Activate**.

You have now set up the credentials and the access point for your company that your users can use to authenticate themselves for Google APIs. You can find the Google Calendar API and the Google Drive API as an entry in the [Dashboard](#), as well as an overview of the number of calls.

1.3.2. Adding a Google Connection

Once you have created your Google API credentials, you can configure the Google connection in the enterprise search. You can find the credentials in the [Developer Dashboard of the Google Cloud Platform](#). By entering this information, you provide the enterprise search with an access point for your users' Google API authentication queries. You are responsible for monitoring this access point.

This is how it works

1. Click **Configuration** on the start page.
2. Under **Enterprise search**, choose the entry **Search provider**.
3. Click the cog icon in the group **Google** and choose the entry **Google connection**.
4. Enter your client ID and client key.
5. Click **Save**.

You have successfully added the Google search provider. Enable the search provider in search provider management so that your users can use the search 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>.