

Interface DigtaSoft Speech- GoSpeech

Operating instructions
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List of abbreviations

API	Application Programming Interface
DSCC	DigtaSoft Configuration Center
ADActive	Directory
CCSServer	Configuration Utility
DN	Dictation network
DSS, DS2	Digital Speech Standard (file format)
DS	DigtaSoft
GBS	Grundig Business Systems GmbH & Co KG
HTTP	Hypertext Transfer Protocol
IIS	Internet Information Service
SQL	Structured Query Language
URL	Uniform Resource Locator (address)

See also [glossary](#) for further explanation

Operating concept

Dictations and call recordings (= audio files) that have been created or imported in DigtaSoft Speech can be sent for speech recognition via the GoSpeech interface. The audio files are transcribed in GoSpeech and can be edited in the GoSpeech Editor. In DigtaSoft Speech, the recordings sent for speech recognition are displayed in an extra tab, where the editing status can also be viewed.

DigtaSoft Speech is a server-based solution for digital speech dictation. It consists of server and client components. The application is published on an Internet Information Services, dictation information is stored centrally in an SQL database and the audio files are stored in a file share. (Server components)

GoSpeech is a server-based background speech recognition solution. It is hosted on a server (on premise or SaaS). The server can be accessed via a browser and a URL and automated transcription can be carried out there in the user account and with a browser as a client .

Attention! The DigtaSoft Configuration Center (DSCC) 12.x is not compatible with DigtaSoft Pro and file-based dictation networks. The DSCC v7.x is compatible with DigtaSoft dictation networks from version 6.x or higher. If dictation networks with other versions of DigtaSoft are in operation, DigtaSoft Pro must be updated first.

Functionality

The interface connects to the GoSpeech server using a developer account. The developer account books a special plan, the developer plan (= transcription hours). After connecting DS Speech to GoSpeech, the administrator in the DSCC authorizes any user to send dictations for recognition and to edit the recognized texts. The text is edited in the GoSpeech Editor, which opens automatically by double-clicking on a transcribed dictation.

A complete technical guide for the interface can be found [here](#). This guide only describes the interface functionality between GoSpeech and DS Speech. If you would like to connect other applications to GoSpeech, please read the documentation and contact [us](#).

Prerequisites

The prerequisites for operating the interface are

1. DigtaSoft Speech v.12.x or higher¹ with the components DSCC and DigtaSoft Speech Client
2. GoSpeech account with a user who has the Developer role
3. a GoSpeech Developer Plan for the developer account
4. Network connection² to the GoSpeech server: the URL of the GoSpeech server must be accessible

¹ Prerequisites see DigtaSoft Speech installation instructions

² depending on where GoSpeech is running Network or Internet connection

Set up interface

To set up the interface, proceed as follows:

1. [Checking the requirements](#)
2. Create a free account in the desired GoSpeech app
3. Convert your GoSpeech account to a developer account
4. Post GoSpeech test plan/business plan to the developer account
5. Configure the API client on the GoSpeech page.
6. Setting the API configuration in DS Speech Configuration Center (DSCC)
7. Assigning GoSpeech user roles in the DSCC

Checking the requirements

At the start of the interface setup, check whether all requirements are met.

1. DigtaSoft Speech 12.x or higher installed and configured.
2. GoSpeech 1.8.x or higher URL known

Create a free account in the GoSpeech app

Start [GoSpeech](#) and create a free account.

Create a GoSpeech developer account

Apply for a developer account via the [Enterprise/API application form](#) and wait until your request has been confirmed. Our account managers can get in touch with you to clarify details and your personal needs. When the request is confirmed, you will automatically receive access to the "Testing" billing plan or a "Developer Business Plan" (see [Developer Billing Plans](#)).

API client configuration in GoSpeech page

Start GoSpeech and log in with your developer account. Go to ACCOUNT SETTINGS and click on API CLIENT. Fill in all the fields and then click CREATE.

Application name

Enter a name of your choice, e.g. DS Speech.

Access procedure

Select the access method "Client credentials and password of the resource owner".

Application URL

Enter the URL of the GoSpeech application on which you have set up the developer account.

Authentication URL

Enter the authentication URL of the GoSpeech application on which you have set up the developer account.

When you have filled in all the fields, click on the CREATE button. Two fields will be displayed:

Client ID

This is a public identifier for your app. It is unique for each client and is used by the authorization server to identify different applications.

Client secret key

This is a secret key that is only known to the application and the authorization server. It is used to authenticate the application when it requests access to a user's account and must be treated confidentially.

Now copy both values into the respective field in the DSCC.

ATTENTION!

**NOTE THAT AFTER LEAVING OR REFRESHING THE PAGE, THE SECRET CLIENT KEY WILL NO LONGER BE DISPLAYED.
IF YOU DO NOT KEEP IT ON YOUR PAGE, YOU WILL NEED TO GENERATE IT AGAIN.**

Configuring GoSpeech in the DS Speech Configuration Center (DSCC)

Open the DSCC and click on the Configure GoSpeech icon in the SERVICES area and click on CONFIG-URE again. Now enter the values from GoSpeech in the fields.

Server data

Application URL

Enter the URL of the GoSpeech application on which you have opened the developer account.

Authentication URL

Enter the authentication URL of the GoSpeech application on which you have opened the developer account.

Developer data

E-mail of the developer

Email address of the developer's GoSpeech user account

Client ID

ID from the developer's GoSpeech user account

Client secret key

Secret key from the developer's GoSpeech user account

Click on SAVE. The application URL now appears on the GoSpeech configuration start page.

A connection is now established between the dictation network and GoSpeech.

Assign GoSpeech user roles in the DSCC

In the last step, specify which users of the dictation network are allowed to send dictations to background recognition (= GoSpeech) and edit transcribed dictations.

To do this, open the USER feature in the User Management area of the DSCC and select a user. Assign the role "GoSpeech User" to the desired users who are to work with GoSpeech in the "System data" area in the *Roles in system* field.

Click on SAVE

Imprint

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Glossary

A

Active Directory

Active Directory (AD) is a directory of users on a domain controller. It is centrally managed. The DSCC accesses the AD and can synchronize automatically.

Application Server

(Application Server) is a server in a computer network that provides applications.

Application URL

The main URL of the GoSpeech application. It should be used as a base part of API request URLs..

Author

An author is a user with the Author role. Authors are allowed to create, change and delete dictations and transfer them to secretaries or writing pools.

Authorization URL

The base URL for authentication and authorization..

C

Client ID

This is a public identifier for your app. It is unique to each client and is used by the authorization server to identify different applications..

Client Secret

This is a secret key that is known only to the application and the authorization server. It is used to authenticate the application when it requests access to a user's account and must be kept confidential..

D

DS Speech Client

is the client component of DigtaSoft Speech for creating dictations with stationary microphones and transcribing dictations.

DS Speech Mover Client

is the client component of DigtaSoft Speech for transmitting dictations recorded on mobile voice recorders.

DS Speech Mover Service

is the client component of DigtaSoft Speech for transferring dictations that are stored in a defined source folder. It is needed

when transferring dictations with the Digta WLAN adapter.

G

Gopprechts

is a little village in the woodquarter in Austria.

GoSpeech

a server-based speech recognition from GBS including an editor for editing recognized text..

I

Internet Information Service (IIS)

is a platform for services on which files and programs are made accessible on a network.

K

Konfigurationsdateien

sind Dateien, die für die Anwendungen zur Konfiguration von mobilen Diktiergeräten benötigt werden. Die Netconfig.ini Datei enthält Angaben zum globalen und lokalen Benutzerverzeichnis und zum Speicherort der Users.ini und Select.ini, sowie ggf.weitere Einstellungen.

P

Permission

is a defined access to functions in the software.

Permissions

The permissions are predefined and can only be viewed. The permissions can be assigned to one or more roles..

R

Role

is a summary of defined permissions. For example author, secretary,

S

Secretarial Manager

is a role in DigtaSoft Speech. Secretarial managers can see and manage all dictations without meta information in the system so that these dictations are not lost and can be processed correctly.

Secretary

A secretary is a user who has the role of secretariat and a resource to which a dictation can be sent for processing.