



Admin UI Documentation

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Introduction

In this document, we will discuss areas of the admin interface, and explain in detail the functionality of each area. This document should serve as a *guide* to those that are unfamiliar with SimSage.

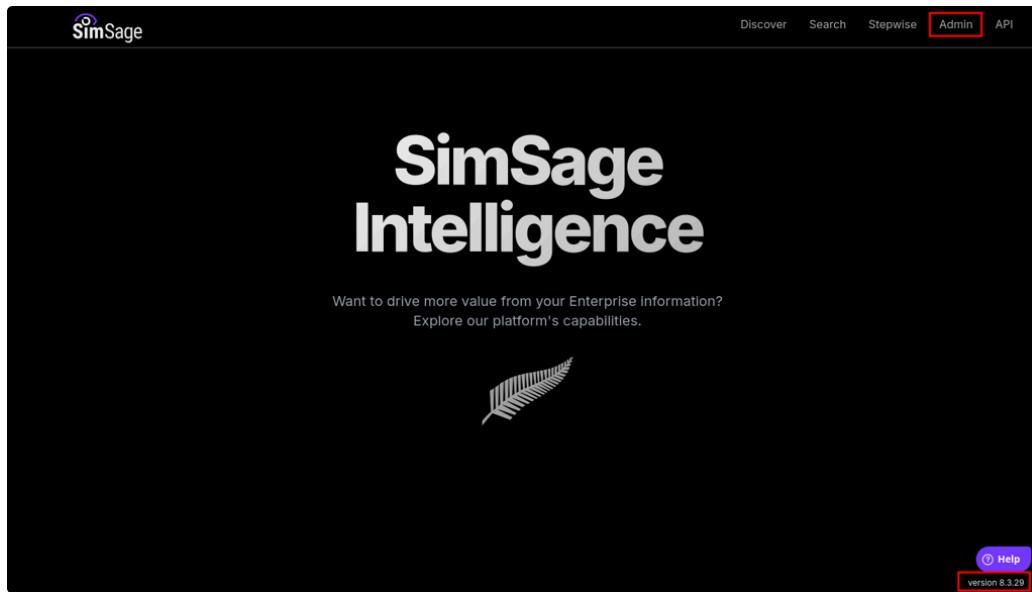
■ This document will not provide a *technical understanding* of SimSage. See this document as a walk-through of SimSage.

This is a guide to using the SimSage Admin UI.

Your Admin UI URL will be provided to you by SimSage. This URL is usually

<https://<your-company>.simsage.ai/>

Once opened you should see a sign-in screen as shown below. It is possible that your SimSage instance runs “on prem” (i.e., inside your organisation), or is ip-white-listed, and has access restrictions. Consult your organisation about the right way to access your instance.



SimSage instance landing screen

This page shows the available products in the top right part of the page. A “Help” widget is shown below that connects to the SimSage helpdesk. A version number is also shown, informing you what version of the platform you are using. This guide was written starting for version 8.3 of SimSage.

Once you click the Admin link as shown, you will be redirected to your Single Sign On provider. Your sign in experience should reflect that of your company.

SimSage by default is set up to use Single Sign On. This means you should be able to click the “Sign in” button shown and be redirected to an appropriate identity provider. This provided will be set up by SimSage for you. Once you’ve verified your identity and have sufficient access privileges you should see the first screen.

Overview

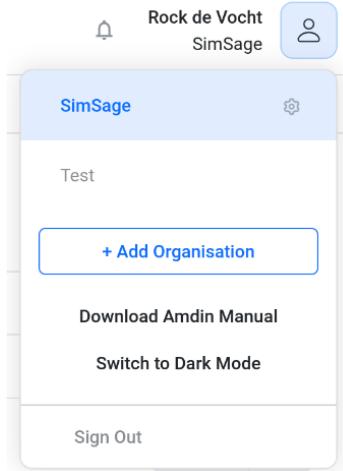
When you first *login* to SimSage, you will be greeted with the following page:

A screenshot of the SimSage Overview page. The left sidebar has a red box around the "Overview" link. The main content area has a red box around the "Organisations" tab, which is currently selected. Below the tabs is a search bar labeled "Filter...". A table lists one organization: "SimSage" with "Enabled" status "yes". There are "View ID", "Edit", and "Delete" buttons for this row. The bottom of the page shows pagination controls "Show 10 ▾ page 1 of 1 (1 items)" and "previous next". The top right corner shows the user "Rock de Vocht" and the system "SimSage".

Organisation	Enabled
SimSage	yes

Overview, showing the selected organisation to be “SimSage”

The *far top right* of the webpage shows a *prompt*, which displays who is currently logged into SimSage (in this case 'Rock de Vocht'). By clicking the user icon, you will invoke a drop down menu - giving options to *logout*, *add/select organizations*, or *open the settings of a organization* (indicated by the cog shown below):



Organisations

Organisations are the top level multi-tenant containers for data. We designed SimSage to be massively scalable. However, on normal instances, we advice the use of one and one only organisation. Our example organisation here is called "SimSage".

Knowledge-bases are containers for knowledge, in that they group different sources together, and present all information in a single pool of knowledge. Each organisation can have multiple knowledge-bases. The accounting department might have a different knowledge-base from the Human Resources department.

Currently, we are in the 'Overview' page, as indicated by the contrasting coloring seen in this vertical navigation bar. Additionally, we can see that there are two other options:

1. User Management (Button)
2. Select Knowledge Base (vertical drop-down menu)

The screenshot shows the SimSage application interface. At the top, there's a header with the SimSage logo, user information (Rock de Vocht, SimSage), and a search bar. On the left, a vertical navigation menu is displayed with a red box highlighting the 'User Management' item under the 'demo knowledge-base' section. The main content area has tabs for 'Organisations', 'Knowledge Bases', and 'Logs', with 'Organisations' being the active tab. A table lists one organization: 'SimSage' (Enabled). Below the table, there are buttons for 'View ID', 'Edit', and 'Delete'. At the bottom, there are pagination controls ('Show 10', 'page 1 of 1 (1 items)', 'previous', 'next').

the main navigation menu, with the knowledge-base selector drop-down

'User Management' will *show a pane*, that defines the permissions that a given user has on our platform, these permissions can be *edited* if you have the right to do so, among other functionality like updating credentials, resetting the password and deleting a user if necessary.

The *knowledge base drop-down* shown above is where you can navigate from one knowledge base to another.

Knowledge Bases

Finally, the main stage of the webpage shows three main tabs to select from, by default, 'Organisations' is selected. Selecting the knowledge-base tab enables us to create new knowledge-bases or select the active knowledge-base to operate on.

This screenshot shows the same SimSage interface as the previous one, but with the 'Knowledge Bases' tab selected. The main content area displays a table with one row for 'demo knowledge-base'. The columns include 'Knowledge Base', 'Email Capacity', 'Last Optimized', and 'Auto Optimize'. The 'demo knowledge-base' row shows 'info@simsage.nz' in the Email Capacity column, '2025/08/07 16:39:46' in the Last Optimized column, and 'on' in the Auto Optimize column. To the right of the table, there are buttons for 'View IDs', 'Optimize indexes', 'Edit', 'Backup', and 'Delete'. At the bottom, there are pagination controls ('Show 10', 'page 1 of 1 (1 items)', 'previous', 'next').

Knowledge-bases view

Each knowledge-base has a series of operations associated with it.

1. View IDs - brings up a pop-up dialog showing all the IDs associated with your knowledge-base for remote communications
2. Optimize Indexes - shows a pop-up dialog for manually overriding the index optimization process

3. Edit - pops-up the edit knowledge-base dialog where you can change aspects of your knowledge-base
4. Backup - pops-up a backup menu for creating partial back ups of your knowledge-base
5. Delete - pops-up a confirmation dialog if you wish to delete your knowledge-base. You won't be able to delete a knowledge-base that has any active sources in it. You will need to delete the sources of your knowledge-base first using Document Management of the left-hand-side menu.

The current tab shows all the knowledge bases available to you, supplemented by a number of options.

i By default, most pages will show a maximum of 10 entity instances at a time - though a drop down is available to change this.

As shown, you have options to *filter* through KBs, add them, delete and truncate. We can also see a **filter...** textbox, which you guessed it - allows you to filter through KBs if many are available.

To the right of this we can see the the *refresh button* and immediately next to this the '+ Add Knowledge base' option.

The refresh button will reload all knowledge bases present on screen, including new instances that perhaps were not visible initially.

Adding a knowledge base

If you wish to create a new knowledge base, navigate to '+ Add Knowledge Base' and select his option, you will be presented with the following:

Add Knowledge Base dialog

The properties shown above set the *parameters* of a given knowledge base.

- A name and email *must* be provided to create a valid knowledge base

Logs

This page shows all logs made on services provided my SimSage. These are technical system logs that show the operation of all the components that make up SimSage. But first, lets clarify what we mean by a *service*.

Knowledge Bases	Logs	Organisations
All services	Logs	
	This hour	Last 2 hours
	Last 12 hours	Last 24 hours
	Type	Refresh
	All	off
	Info	5 seconds
	Debug	10 seconds
	Error	
	Warn	
Debug KB 2023/11/17 12:09:45		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 76 ms		
Debug Auth 2023/11/17 12:09:45		
auth service: GetUsersCmd(userList.size=15,filter=""), took 40 ms		
Debug KB 2023/11/17 12:09:46		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 83 ms		
Debug Auth 2023/11/17 12:09:46		
auth service: GetUsersCmd(userList.size=15,filter=""), took 36 ms		
Debug Auth 2023/11/17 12:09:47		
auth service: GetUsersCmd(userList.size=15,filter=""), took 40 ms		
Debug KB 2023/11/17 12:09:47		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 186 ms		
Debug KB 2023/11/17 12:09:48		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 85 ms		
Debug Auth 2023/11/17 12:09:48		
auth service: GetUsersCmd(userList.size=15,filter=""), took 40 ms		
Debug KB 2023/11/17 12:09:49		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 75 ms		
Debug Auth 2023/11/17 12:09:49		
auth service: GetUsersCmd(userList.size=15,filter=""), took 41 ms		
Debug KB 2023/11/17 12:09:50		
knowledge base service: GetCrawlerListCmd(org=018bc8f5-2f80-58c3-2a38-43f7033a1624,kb=018bd8da-ec01-4d56-b044-49c673933415,crawlerList=1), took 85 ms		

Services

SimSage's functionality is split into what we call services. SimSage services serve different purposes. We have services that communicate and copy data from outside systems (Crawlers), we have services that process text and mark-up parts of speech and determine context (Language). Here is a list of the services and their general purpose.

Service	Purpose
Authentication	Handles accounts in SimSage, including logging in via MS accounts/Google
Conversion	Document conversion node, takes PDFs, DOCX, DOC files and extracts text from these.

Crawler	Handles crawling of data across cloud services, manage external crawlers and data ingestion.
Document Service	SimSage DMS (not used currently) and Image Conversion services
Knowledge base service	Knowledge-base operations
Language	Natural Language Processing, convert text into marked-up text for searching
Index	Index creation, creates inverted semantic indexes, created by the Language service.
Search	SimSage Search engine
Stats	Statistics gathering and coalating
Discover	Discover services
StepWise	StepWise workflow operations and UI management
Web facade	RESTful web layer for external communications and API access

In the *Logs* page, there is a number of different way to *filter* information to get specifics that you may be searching for. These options include the following:

- By Service
- By Date (2/12/24 hours)
- Type - i.e., info, debug, warn, error
- Refresh rate - off, 5 or 10 seconds

User Management

Managing users and groups is straightforward using the User Management menu, located on the left hand-side of the UI.

The screenshot shows the SimSage User Management interface. On the left is a sidebar with navigation links: Overview, User Management (selected), demo knowledge-base, Document Management, and The Mind. The main area has tabs for Users and Groups, with 'Users' selected. It includes a search bar, a dropdown for 'All Users', and buttons for Import and Add User. A table lists ten users with their names, emails, roles, and actions (Reset password, Edit, Delete). The roles listed are System Administrator, Discover, and Manager. At the bottom are pagination controls for 'Show 10' and 'page 1 of 2 (13 items)', and navigation buttons for 'previous' and 'next'.

User Management UI

Users consist of SimSage roles (what they are allowed to do inside SimSage) and groups (what they can see when searching). Groups can be manually created, and are automatically created by crawlers when they see security groups associated with remote documents / records.

The screenshot shows the 'Edit User' dialog. The title is 'Edit User'. Below it is a tab navigation with 'Details' and 'Roles', where 'Roles' is selected. There are two lists: 'SimSage Roles' on the left and 'Available' on the right. Both lists have a 'Filter...' input field. The 'SimSage Roles' list contains 'DMS User' and 'Search User'. The 'Available' list contains 'SimSage Administrator', 'Organisational Manager', 'Discover User', 'Search Tagger', 'Stepwise User', 'API User', and 'Result Influencer'. At the bottom are 'Cancel' and 'Save' buttons.

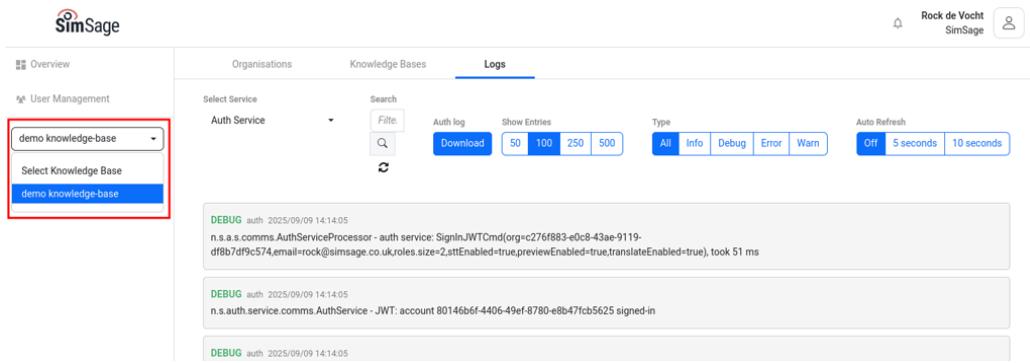
The Edit User dialog

The standard SimSage roles are

Role	Description
DMS User	Access/log in to SimSage DMS, currently not used
Search User	Access/log in to SimSage Search
SimSage Administrator	Access/log in to SimSage admin
Organisation Manager	Access/log in to SimSage admin for one and one organisation only
Discover User	Access/log in to SimSage Discover
Stepwise User	Access/log in to SimSage Stepwise workflow
API User	User account can be used to make API calls for programmatic access
Search Tagger	User can add #tag to search results in the search UI
Result Influencer	User can up-vote / down-vote search results in the search UI for a given set of keywords

Knowledge Base Drop Down

You must select a knowledge-base in order to set up sources, add synonyms, set up AI etc. A knowledge-base is where it all happens in SimSage. You can have multiple knowledge-bases. Our Search UI, by default, points to one of your knowledge-bases (and can switch between if there are multiple). Discover, and StepWise too can switch between knowledge-bases.



The screenshot shows the 'Logs' tab of the SimSage interface. On the left, there's a sidebar with 'Overview' and 'User Management'. Under 'User Management', a dropdown menu is open, showing 'demo knowledge-base' at the top, followed by 'Select Knowledge Base' and another 'demo knowledge-base' option. This dropdown is highlighted with a red box. The main area has tabs for 'Organisations', 'Knowledge Bases', and 'Logs', with 'Logs' being the active tab. It includes filters for 'Auth Service', 'Search', 'Auth log', 'Show Entries' (with buttons for 50, 100, 250, 500), 'Type' (with buttons for All, Info, Debug, Error, Warn), and 'Auto Refresh' (set to Off, 5 seconds, 10 seconds). Below these are three log entries:

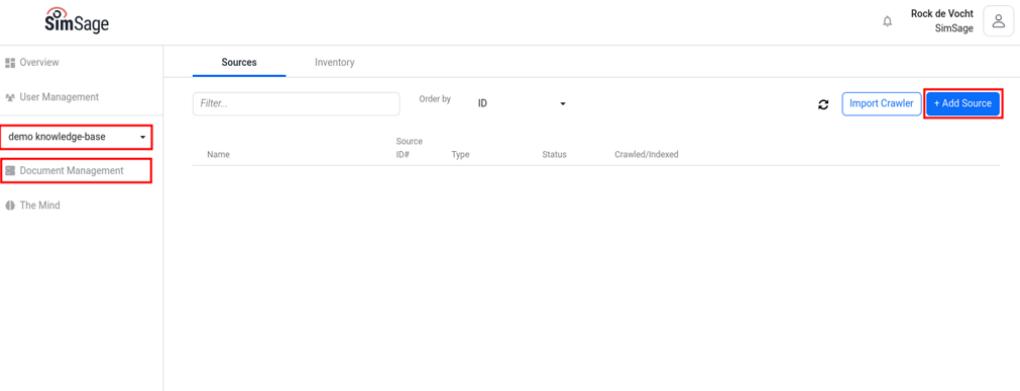
- DEBUG auth 2025/09/09 14:14:05 n.s.a.s.comms.AuthServiceProcessor - auth service: SignInJWTCmd(org=c276f883-e0c8-43ae-9119-df8b7df9c574,email=rock@aimsage.co.uk,roles.size=2,attEnabled=true,previewEnabled=true,translateEnabled=true), took 51 ms
- DEBUG auth 2025/09/09 14:14:05 n.s.auth.service.comms.AuthService - JWT: account 80146b6f-4406-49ef-8780-e8b47fc5625 signed-in
- DEBUG auth 2025/09/09 14:14:05

select your knowledge-base first

Sources

Sources are connections to remote systems. SimSage can connect to many different types of remote systems. To mention a few: DropBox, MS SharePoint, MS OneDrive, MS Exchange, Microsoft file-shares, Google-drive, Box, Confluence, Web sites, Jira, etc.

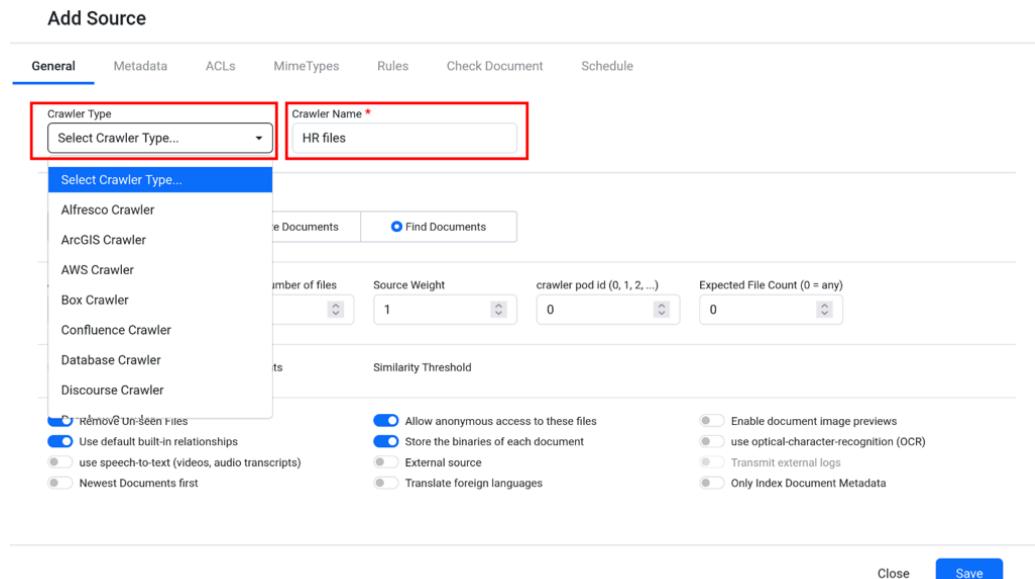
Each remote system has its own unique requirements for set up. SimSage provides documentation for each through the admin UI.



The screenshot shows the SimSage admin interface. On the left, there's a sidebar with 'Overview', 'User Management', and two dropdown menus: 'demo knowledge-base' and 'Document Management', both of which are highlighted with a red box. The main area is titled 'Sources' and contains a table with columns 'Name', 'Source ID#', 'Type', 'Status', and 'Crawled/Index'. At the top right of the table, there are buttons for 'Import Crawler' and '+Add Source', with '+Add Source' also highlighted by a red box.

Knowledge-base selected, Document Management selected, then +Add Source

We will briefly show what is involved in setting up a source here.



The screenshot shows the 'Add Source' dialog box. The 'General' tab is selected. In the 'Crawler Type' section, a dropdown menu is open with 'Select Crawler Type...' and a red box around it. Next to it is an input field for 'Crawler Name' with 'HR files' typed in, also highlighted with a red box. Below these are sections for 'Number of files', 'Source Weight', 'crawler pod id (0, 1, 2, ...)', and 'Expected File Count (0 = any)'. At the bottom, there are several groups of checkboxes for file processing options. The 'Save' button is highlighted with a red box at the bottom right.

adding a new source

A source is of a single type, you can only set the type once before saving the source after which the type of a source can no longer be changed (but you can delete a source if you created it in error).

The source also needs a name (Crawler Name). This name is for you to identify what it is you're connecting to.

There are a series of TABS along the top of this pane. These are General, Metadata, ACLs, MimeTypes, Check Document, and Schedule.

There will be at least one more tab added after the General tab once you select a source-type. This panel contains the specific information needed to set up that source.

There are two types of sources in SimSage. Internal sources, and external sources. Internal sources run from the SimSage platform and assume they can connect to the source you're setting up. For instance, Dropbox, would be such a source. Dropbox is available from over the Internet, and with the right network set-up, SimSage can connect to Dropbox and crawl its data.

Here is what the different settings mean

setting	meaning
Remove Un-seen files	Most remote systems (e.g. Microsoft file-shares) will not tell you when a file has been removed. One way of removing files after looking through a whole set, is to mark each file as having been "seen". When we look through the filesystem, we call that a "run" through the files. At the end of a run, any files that haven't been seen during a run, have presumably been deleted. This only works for remote systems that need us to look at all files each time. Other systems, such as Sharepoint 365, will actually tell us what has been removed, and what has changed. You can leave this switched on in those cases, as this option is then ignored.
Use default built-in relationships	SimSage contains around 2.1 million default relationships / synonyms between words. Switching this off, ignores these built-in relationships, and solely uses the user-defined relationships set in "the Mind". Only switch this option off, if you really know what you're doing.
use speech-to-text (video, audio transcripts)	SimSage comes with a built in transcription service. This service will convert English video and audio files into a standard format and push them through a neural network to generate

	transcribed text. This service is much slower than document conversion services due to using a neural network. Video and audio files therefore go into their own queue.
Newest Documents first	If switched on, this source will sort its documents in any results by date first, instead of relevance first.
Allow anonymous access to these files	A switch for testing or for sources that don't have any security (e.g. web-sites). This switches off all ACL checking for the given source. This is handy for testing (as it can just as easily be switched back).
Store the binaries of each document	Some parts of SimSage (e.g. the Stepwise workflow system) require that the original documents remain in their original form on the platform for later processing/redaction etc. This is default "on" at present. This is also (presently) required for re-processing all documents. However, re-processing all documents will not require this come version 8.4 of SimSage (yet to be released). Leave this switch on for now.
Enable document image previews	Small preview images are shown on the left hand-side of search results where possible. The first pages of documents are fetched as part of this process and turned into small JPEG preview images, aiding visual recognition of your documents.
use optical-character-recognition (OCR)	OCR is the process of taking images, and scanning them for text. Any office document is scanned for text using Tesseract OCR if this switch is enabled. This will slow down your document processing significantly. Any text found in these images is then included in the body content of that document.

External Source	External sources are crawlers that run on different machines, outside the SimSage cluster and communicate with SimSage. External crawlers are needed inside corporate environments with vulnerable systems (e.g. Microsoft fileshares). Such systems cannot be opened to the Internet for SimSage to access. An external crawler is a small program that picks up files, and securely sends them to SimSage for processing. Switching this option on will switch this source to "listen for external crawler communications".
Transmit external logs	Only used if External Source is switched on. This tells the external crawler to send its internal logs to SimSage. This is handy for seeing what is happening remotely without having to view logs on the remote system first.
Translate foreign languages	Only available if enabled on the platform. Use a neural network to provide English translations for a variety of languages.
Only Index Document Metadata	If enabled, the main body content of documents and records is ignored and not processed, only metadata (such as title, author, created-date etc.) are processed.

External sources are “external” to SimSage. We provide crawlers written in different technologies to run on different servers/machines/computers/laptops to fetch data from a protected system, or a computer system inside an Enterprise/Organisation, and securely pass this information to your SimSage instance.

By default, all sources are Internal. There is a switch in the General tab for setting the type of source.

Add Source

General	Dropbox Crawler	Metadata	ACLs	MimeTypes	Check Document	Schedule
---------	-----------------	----------	------	-----------	----------------	----------

Client id (aka. app key) *

Client Secret *

Dropbox oidc key
edac4b0b-641a-3781-7566-8c66fcaafb48

Dropbox Redirect URI
<https://demo.simsage.ai/api/crawler/dropbox-oidc-code/>

Start folder (separate folders by comma)

set up OIDC token

**Each folder must be part of the root folder and not contain any sub-folders.
Each folder name must start with '/'.**

Dropbox
Setup Guide

[Close](#) [Save](#)

Example Dropbox TAB showing the set-up guide for Dropbox and its details

Source Schedule

Each source has a schedule of operations. Its schedule exists of a 24x7 window where you can set when a crawler (the thing that runs and connects to the data set up in a source) is allowed to talk to the remote system (e.g., Dropbox).

Add Source

General	Dropbox Crawler	Metadata	ACLs	MimeTypes	Check Document	Schedule
---------	-----------------	----------	------	-----------	----------------	----------

Schedule Enabled

All times in GMT (now Tue, 14:42)

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								
Sun																								

[Clear All](#) [Select All](#)

[Close](#) [Save](#)

Enable / Disable, and click cells or times, or days of the week to set your source's schedule

A crawler starts a new “run” when it arrives at the next available window in the 24x7 grid. The crawler will keep running until it finishes its run through all the data. The crawler will pause if it reaches a time-slot where it isn’t allowed to run, and resume at the next available window. The crawler will do this until it has finished processing all there is to process.

Once finished, the crawler will not start again, until it sees a slot where it isn't allowed to run, followed by a slot where it is allowed to run.

A full schedule (i.e. all 24x7 slots selected) results in a crawler running once every week, where the week starts midnight Sunday going into Monday morning. At present the crawler 24x7 grid is in UTC time and the “time now” is displayed in UTC at the top of the schedule grid.

Source operations

The screenshot shows the SimSage interface for managing sources. On the left, there's a sidebar with 'Overview', 'User Management', 'demo knowledge-base' (selected), 'Document Management', and 'The Mind'. The main area has tabs for 'Sources' and 'Inventory'. Under 'Sources', there's a search bar, a filter dropdown, and buttons for 'Import Crawler' and '+ Add Source'. A table lists a single source: Name 'Global', Source ID# '1', Type 'web', Status 'schedule disabled', and a detailed log of crawl metrics. Below the table, a red box highlights the 'Start', 'Edit', 'Reprocess', 'Export', and 'Remove' buttons. The overall title of the page is 'Source details and operations'.

The example above shows a source called “Global” (the Crawler Name) of Type “web” (an intranet or internet web crawler), and a series of actions.

1. Start - start the source if it isn't already running. You will get an error if it is already running.
This is to start the source again if it has finished. The source will not start if the schedule is off for the time when you click this button.
2. Edit - bring back the edit pane to change details of your source. Be careful, some details, such as locations of files can cause existing files to be removed (because they can “disappear” by changing such details)
3. Reprocess - a handy utility that forces SimSage to look at each stored file again without using the crawler, and to put each file through the SimSage processing pipeline again. This is handy for when you've changed synonyms and other language customizations.
4. Export - create a small JSON export of the source for safe storage and re-importing to another SimSage platform, or this platform at a later date. Passwords will not be exported!
5. Remove - destroy this source and all its files. This will ask you first using a pop-up if you are sure.

The Mind

In this area of the documentation, we will explore *the mind*. The mind, mysterious as it sounds, is where you set up LLM connections (e.g., OpenAI, Google Gemini, Ollama), and customize language. We will discuss language customization next.

AI set up

The first section in the mind is the AI set up. Here you can configure LLMs to work with SimSage. Please refer to [SimSage AI settings](#) (SimSage AI settings).

Synonyms

Synonyms are words that are “equivalent” to each other. Synonyms don’t have to be “synonyms” in the strict linguistic sense. They are generally words you’d like to associate that help you find results faster and easier. Linguistic concepts such as Meronyms (part relationships, like “wheel” is part of a “cart”), and other associations are more than welcome here.

The screenshot shows the SimSage application interface. At the top, there's a navigation bar with the SimSage logo, user profile, and account information. Below the logo, there are tabs: Overview, AI set up (which is active), Synonyms (highlighted in blue), Semantics, and Synsets. On the left, a sidebar lists sections: Overview, User Management, demo knowledge-base (with a dropdown arrow), Document Management, and The Mind. The main content area has a search bar with placeholder text "Search Synonym..." and a "Search" button. Below the search bar, the word "Synonyms" is displayed. At the bottom of the main area, there are buttons for "Import Synonyms" and "+ Add Synonym". At the very bottom, there are pagination controls: "previous" and "next".

The mind, Synonyms

You can import your own synonyms. SimSage contains around 2.5 Million predefined relationships. These are relationships of general every-day English. By importing your own synonyms, you override, and improve SimSage to help with your own unique Organisational language.

You can mass import synonyms using the “Import Synonyms” button. This takes a simple text file of the following format:

- 1: word 1, word 2, word 3, word-4, 12th word
- 2: Greece, surgeon, pokemon, War and Peace

An ID number (starting at “1”) to uniquely identify this synonym, followed by a colon, and a list of words separated by commas. One set per line.

Synonyms in this list this **CANNOT INCLUDE** commas, nor colons.

Import Synonyms

Text

```
1: word 1, word 2
2: some other word, word 3
```

• Synonyms are comma separated
• One set of synonyms per line

Cancel Import

Example Import Dialog for synonyms

User synonyms are all considered nouns (things), as opposed to verbs or adjectives. The system already has a rich set of adjectives and verbs for relationships. You can see what the system has defined for a synonym by typing it in the “Search Synonym...” Search section. Suppose you want to see what is defined for the noun “market”, search for “market:n”. The verb “market”, search for “market:v”, the adjective/adverb “market”, search for “market:a”. Or all combined without any part of speech type filtering, search for “market” just by itself.

SimSage

Rock de Vocht
SimSage

Overview User Management demo knowledge-base Document Management The Mind

AI set up **Synonyms** Semantics Synsets

market:n Search

Synonyms

Market Stock Market Buy Economy Commerce Industry Retail Sector Sell Business Purchase Price Distribution Stock Management Marketplace

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“market” the noun, as defined inside SimSage

Semantics

Semantics are generalisations. A semantic is an “is a” relationship. For instance “Toyota” is a car, “Jeep” is a car. This is completely arbitrary and debatable but still useful. Defining semantics enables you to use the general (“car” in our example) to look for all the specifics in one go.

Given the following imported semantics

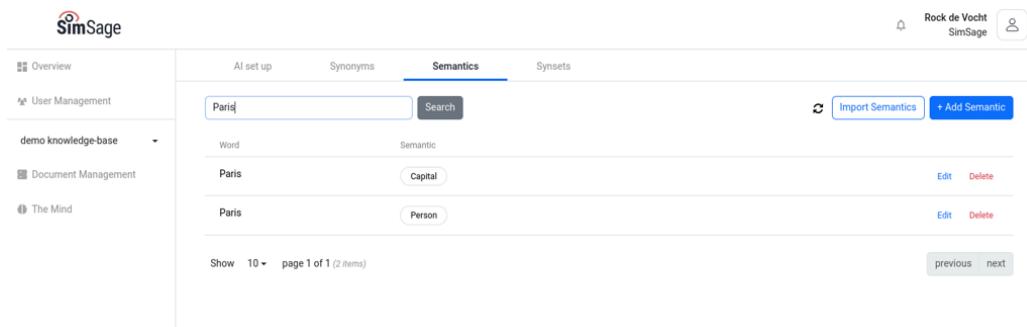
toyota: car

jeep: car

mercedes: car

You can use “entity: car” in the SimSage search system to find instances of “Toyota, Jeep, and Mercedes”. Unlike synonyms, semantics ARE case sensitive. Leaving items lower case gives the best match results, however, if case sensitivity is important, you can mix case. In this case only matching case will work for semantics.

There is a large set of predefined semantics in SimSage. This includes a large set of English names, large cities of the world, capitals of the world, countries of the world, continents, a few brands and law-firms. All in all around 4.5 Million semantics are predefined.



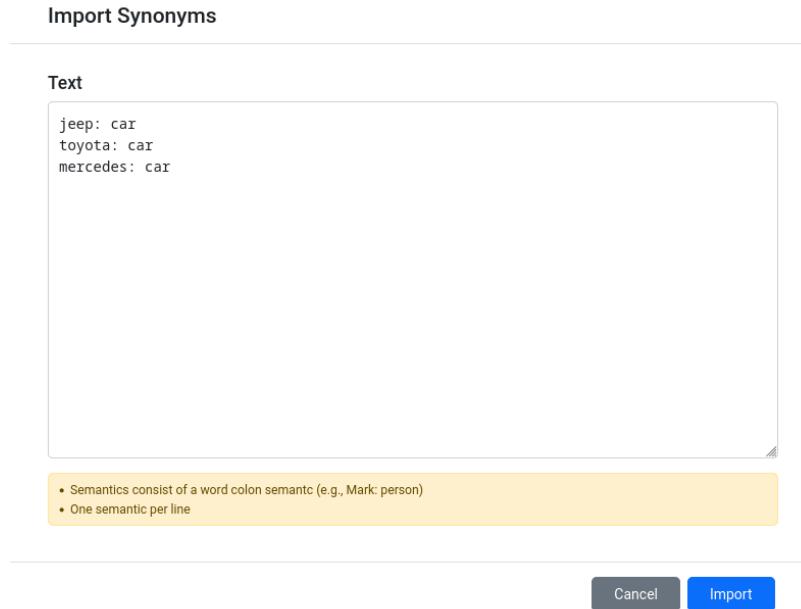
The screenshot shows the SimSage interface with the 'Semantics' tab selected. A search bar contains 'Paris'. Below it, a table lists semantic pairs:

Word	Semantic	Actions
Paris	Capital	Edit Delete
Paris	Person	Edit Delete

At the bottom, there are buttons for 'Import Semantics' and '+ Add Semantic'.

“Paris” as both a person and a Capital

You can mass import your own semantics using the “Import Semantics” dialog. The semantic itself is its own ID, so you don’t need ID numbers for semantics.



The dialog has a title 'Import Semantics' and a 'Text' input area containing:

```
jeep: car
toyota: car
mercedes: car
```

A note at the bottom says:

- Semantics consist of a word colon semantic (e.g., Mark: person)
- One semantic per line

At the bottom right are 'Cancel' and 'Import' buttons.

Language Changes

As mentioned above, any change to synonyms, or semantics requires reprocessing of all data. It is therefore a good idea to have all this information set up, up front. We realize however that this isn't always possible. So we've provided the tools to do both.