

User Guide

Savvy: A Statement Oriented Information Manager

Introduction

Savvy presents an alternative approach to note taking. With Savvy, you can create notes rapidly and find information in a fast and powerful way.

Getting Started

Windows

Install Java 14 SDK

Run the included JDK installer: `jdk-14.0.1_windows-x64_bin.exe`

Add Java 14 to windows path

Open system properties

Open the Run widow by typing: `⌘ Win+R`

In the Open field type: `control sysdm.cpl`

Add java environment variable

Go to the Advanced tab

Click Environment Variables

In the System variables section, click: New...

Variable Name: `JAVA_HOME`

Variable Value: `C:\Progra~1\Java\jdk-14.0.1`

Click OK

In the System variables section, find & select the Path Variable in the list

IMPORTANT: Do not delete anything from the Path. Other changes can make Windows not work as expected. To be safe, copy the Variable Value to a text editor like notepad before saving changes.

click: Edit...

in Variable Value, go to the end of the line and add: ;%JAVA_HOME%\bin

Click OK

Run Savvy

In Windows Explorer, go to: savvy\bin\

Run (by double clicking): savvy.bat

Linux (debian)

Install Java 14 SDK

From the command line:

```
sudo add-apt-repository ppa:linuxuprising/java
sudo apt update
sudo apt install oracle-java14-installer
```

Run Savvy

From the command line:

navigate to Savvy directory, then run it with:

```
./bin/savvy
```

Mac

Install Java 14 SDK

???

Run Savvy

???

Using Savvy

What is a fact?

In Savvy your information is stored in facts. A fact is a relationship between two terms in the format of subject → relationship → object.

Example Facts

Subject	Relationship	Object
dog	has	fur
men	have	XY chromosomes
elderly; men	are at risk for	stroke

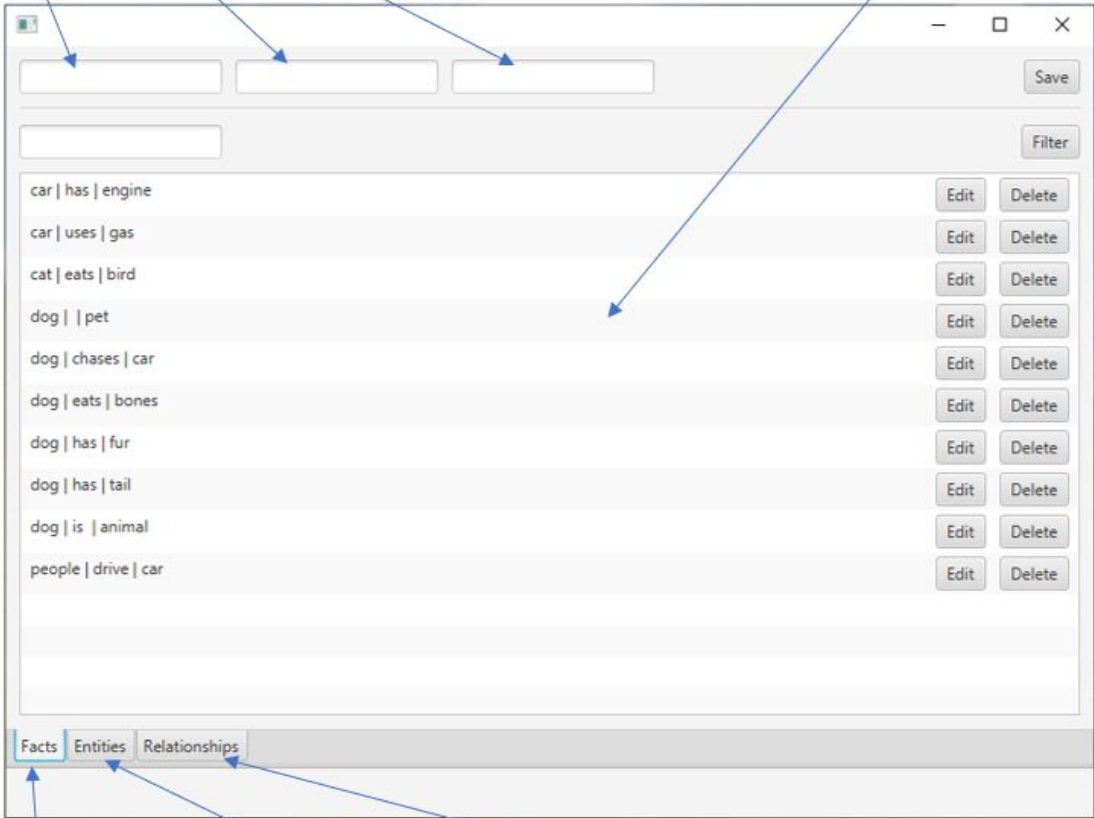
Note that when creating a fact where either the Subject, Relationship or Object has a modifier, add the modifier(s) first followed by a semicolon so that the modified Term can still be searched by its unmodified name.

Creating Facts

Below you can see the Facts Tab. The top section of the Tab is for creating new Facts. The three boxes at the top correspond to a fact's subject, relationship and object. To save a new fact, either click the Save button or press Enter from the object field.

Use the top three boxes to enter facts using your subject, relationship, and object

Once a fact has been entered it will appear in the view pane where you have the option to edit or delete the fact



The screenshot shows a web application interface for managing facts. At the top, there are three input fields for subject, relationship, and object, followed by a 'Save' button. Below these is a 'Filter' button and a list of facts. Each fact is displayed in a row with 'Edit' and 'Delete' buttons. At the bottom, there are three tabs: 'Facts', 'Entities', and 'Relationships'. The 'Facts' tab is currently selected.

Fact	Edit	Delete
car has engine		
car uses gas		
cat eats bird		
dog pet		
dog chases car		
dog eats bones		
dog has fur		
dog has tail		
dog is animal		
people drive car		

The facts tab is used for Entering, filtering, and editing facts

The entities tab contains a list of the entities (subject/object) that you can filter or edit

The relationships tab will list all your entered relationships which can be filtered or edited

Filtering Facts

Below the Fact Create section of the Facts Tab is the Facts List.

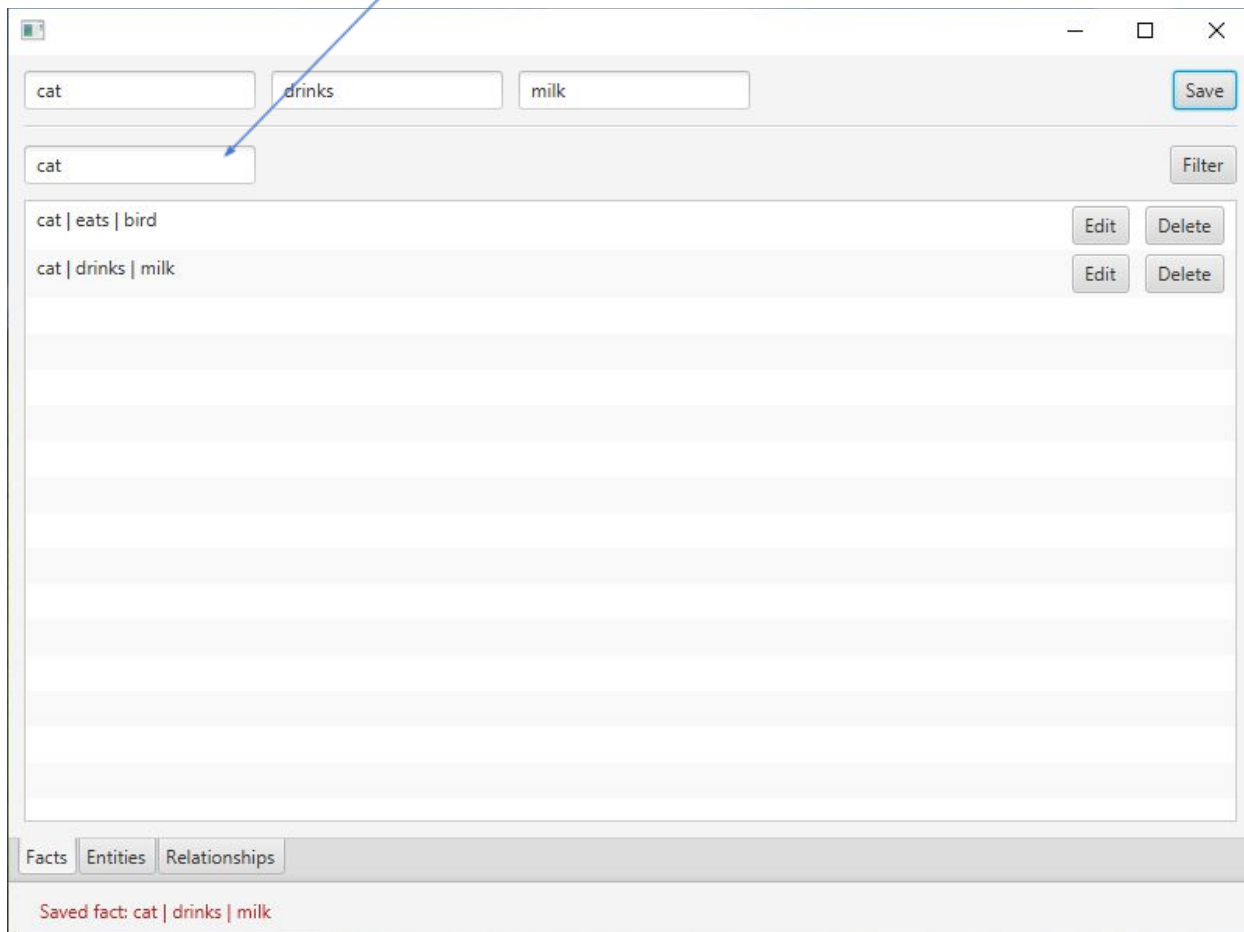
You can use the field at the top of the facts list to search for facts related to a particular subject or object. To search type the searched item's name then either click Filter or press Enter.

When you filter by a subject, not only will entries that include that subject appear, but also any with a transitive relationship to that term. For example,

dog → has → teeth teeth → are → bones

If you search for the term “bones” both facts will appear in the results.

To filter your facts, entities, or relationships, switch to the desired tab and enter your search term in the filter field.



The screenshot shows a web application window titled "Facts List". At the top, there are three input fields for creating a fact: "cat", "drinks", and "milk", followed by a "Save" button. Below this is a filter section with a search field containing "cat" and a "Filter" button. A blue arrow points from the instructional text box to the filter search field. The main area displays a list of facts. The first fact is "cat | eats | bird" with "Edit" and "Delete" buttons. The second fact is "cat | drinks | milk" with "Edit" and "Delete" buttons. Below these are several empty rows. At the bottom, there are tabs for "Facts", "Entities", and "Relationships", with "Facts" being the active tab. A status bar at the very bottom shows "Saved fact: cat | drinks | milk".

Fact	Edit	Delete
cat eats bird	Edit	Delete
cat drinks milk	Edit	Delete

Facts Entities Relationships

Saved fact: cat | drinks | milk

Entities and Aliases

In Savvy, Entity is what we call the concepts and objects in Facts.

When writing facts, it is common to use several terms to refer to a single Entity. To account for this we allow for aliases. That way Facts can be phrased in a natural way.

Those aliases can be used in filters as well so you don't have to remember which term is the main one representing the entity.

When an alias is entered in a new Fact, the main entry for the Entity will be used in its place.

We suggest that aliases be used for:

- Synonyms where your notes are not interested in distinctions between terms.
- Other forms of the term (Plural, etc.)

You can edit the associated aliases with the term by navigating to the Entities tab and choosing the edit option.

After you press the edit button there will be a text box that appears to add the alias, a term can have multiple aliases associated with it.

The screenshot shows a software window with a title bar containing standard OS controls (minimize, maximize, close). Inside the window, there is a search bar at the top left and a 'Filter' button at the top right. Below these is a list of terms: animal, bird, bones, car, cat, dog, engine, fur, gas, milk, people, pet, and tail. Each term has an 'Edit' button to its right. The 'car' entry is expanded, showing a text input area with the words 'car', 'automobile', and 'vehicle' separated by spaces. To the right of this input area are 'Cancel' and 'Save' buttons. At the bottom of the window, there are three tabs: 'Facts', 'Entities', and 'Relationships'. The 'Facts' tab is currently selected, and it displays the text 'Saved fact: cat | drinks | milk'.

Term	Action
animal	Edit
bird	Edit
bones	Edit
car	Edit
cat	Edit
dog	Edit
engine	Edit
fur	Edit
gas	Edit
milk	Edit
people	Edit
pet	Edit
tail	Edit

Expanded view for 'car':

car automobile vehicle

Buttons: Cancel Save

Tabs: Facts Entities Relationships

Status: Saved fact: cat | drinks | milk

Relationships and Correlates

Relationships work similar to Entities but since relationships have direction they are grouped in pairs or inbound and outbound forms.

Keyboard Shortcuts

Ctrl+F	Navigate to Facts Tab
Ctrl+E	Navigate to Entities Tab
Ctrl+R	Navigate to Relationships Tab

Tips

Treat articles, qualifiers/quantifiers as modifiers

a, the, some, any, all

all; trees

Split compound facts.

If a phrase refers to multiple entities, create a fact for each.

The internet is billions of hosts, connected by a network of communication links and packet switches.

the; internet | has | billions of; hosts

hosts | are connected by | network of; communication links

hosts | are connected by | network of; packet switches

Refine Entities

hosts -> host, hosts

are connected by -> connected by

communication links -> links, communication links