**SACR CO-Reference Tool**

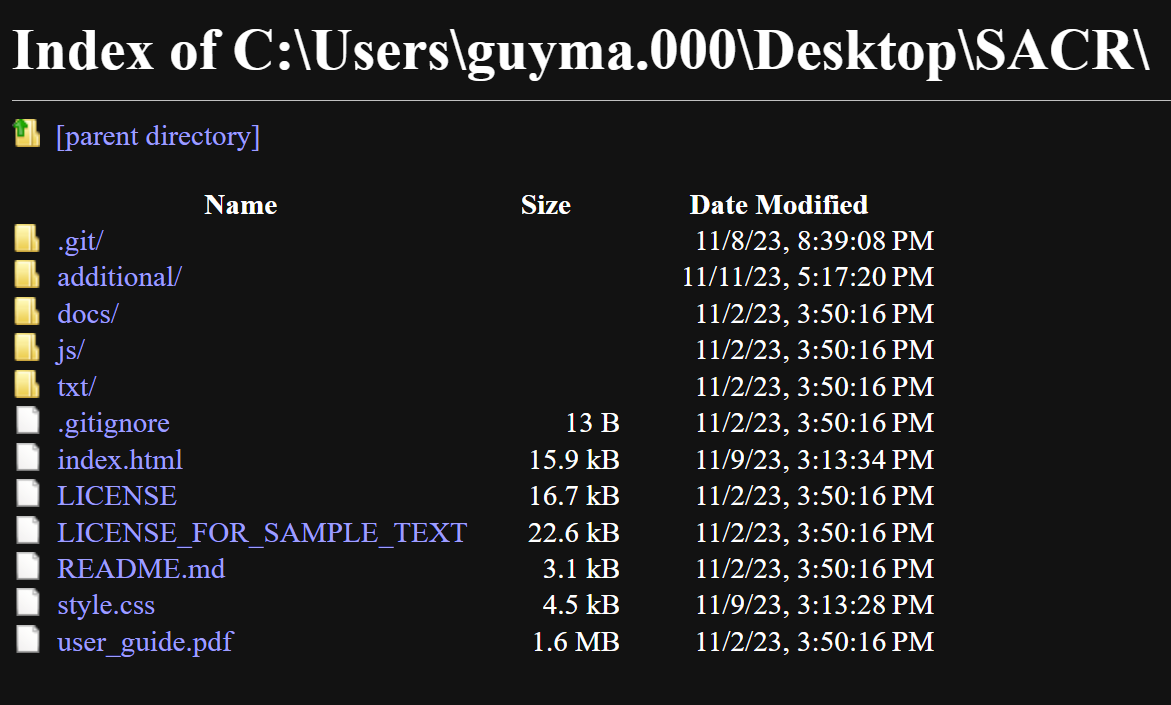
**User Guide**

**1 Initializing environment:**

- Start by extracting the zip folder to your desired location.

- Then copy the folder path and paste it in your browser

- Pick the index.html

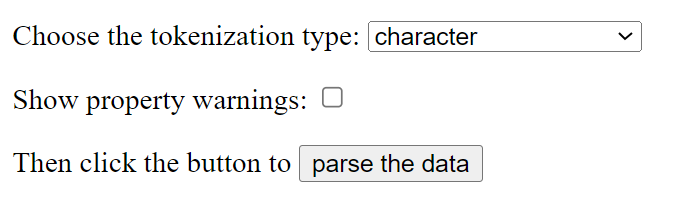


-Add “?anonymous=1” to the end of the URL. (at the end the full URL should look something like <file:///C:/Users/guyma.000/Desktop/SACR/index.html?anonymous=1>)

**1.1 Loading files:**

A screenshot of a computer

Description automatically generatedLoad the txt file by pressing the Browse button.

-At the bottom of the page make sure to tokenize the text by character then click parse the data.

**2 The Workflow:**

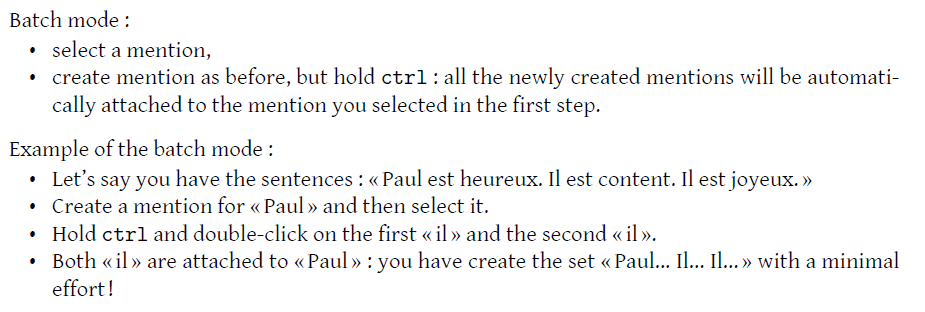
* **2.1 Main window** - main interface. It is composed of the following elements:
* Text and metadata.
* Potential Mentions / Regions (the referring expressions), Sets (coreference relations).
* As you can see, there are no control buttons. Commands are activated by clicking on keys on your keyboard.
* Press ‘h’ to display all available commands.

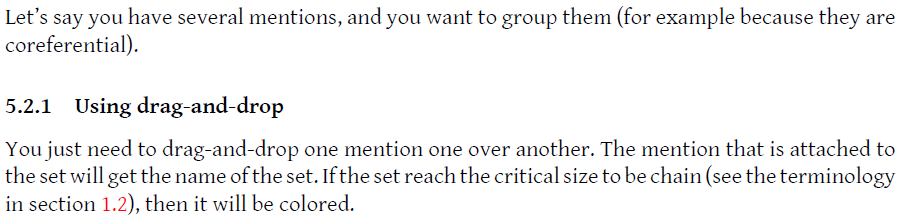


* **2.2** **Creating mentions, sets, and chains.** *(pages 13-19 in the user guide (points 5 to 5.7)*
* First, we want to create the mentions, this can be done in a few ways, feel free to choose the fastest one for your convenience.

1. Creating an unnamed expression by clicking the first letter of the word/expression and then on the last letter of the word/expression (the expression will be underlined; to cancel and choose another word, just click again on it and it’ll be underlined). This will create an unnamed expression called ‘’. This later can be changed by selecting the mention and pressing ‘n’.
2. **Similarly to 1, except this time we will hold the ‘Shift’ key while pressing, this will allow us to name the expression while we set it.**

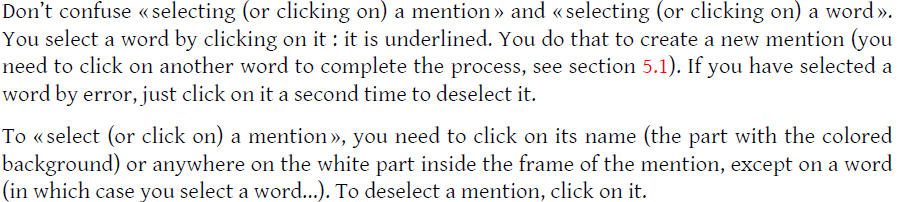
* **Adding expressions to an existing set.**

1. ****



1. Via PopUp window – will be discussed later.

* **Selecting a mention**



* **Detaching an element from a group**

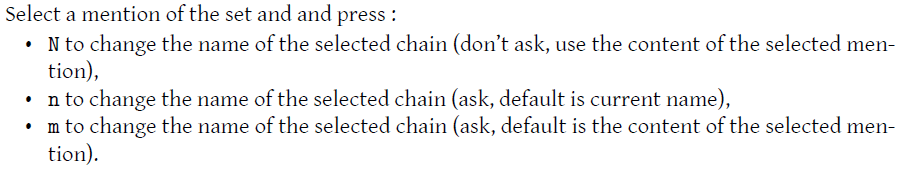
Hold ‘Shift’ and click in the mention you want to detach, it’ll be grated and renamed with name as ‘’ – and that’s it is now a singleton.

* **Merging two sets**

Drag-and-drop the element of one set over the element of another set. You will ask if you

really want to merge.

The name of the resulting set is the name of the name of the source.

* **Renaming a set**

**Changing the color of a chain**

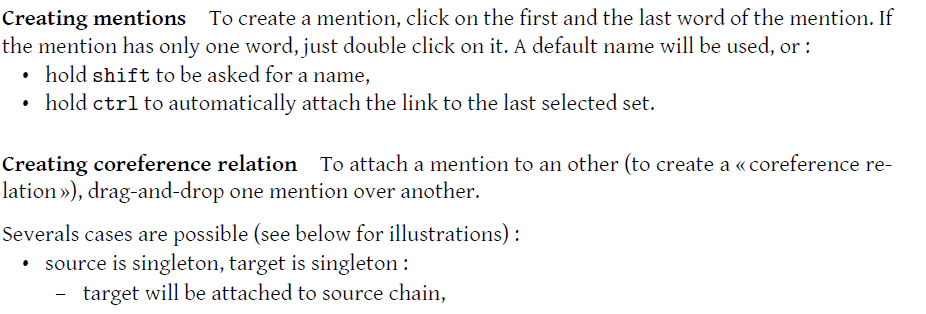
Select a mention of a chain and press ‘c’, then choose the desired color.

Reminder: a set has a color only if it is a chain, that is, a group of more than a single element. Other sets which are not chains are colored gray.

* **Additional examples and info can be found in 15-16**

A screenshot of a computer

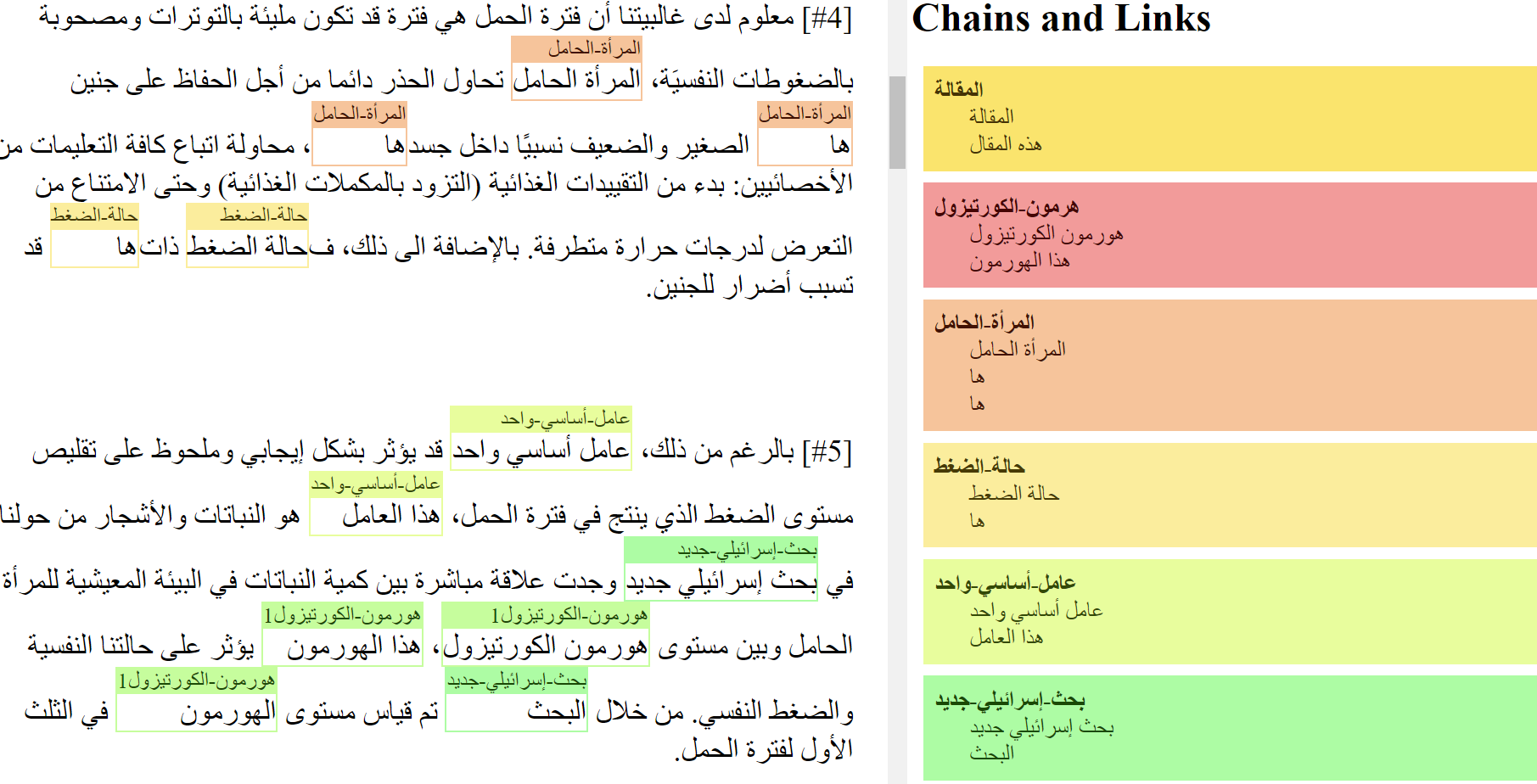
Description automatically generated

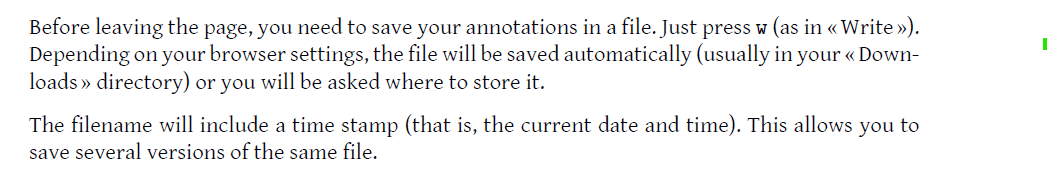


A white text on a white background

Description automatically generated

* **2.3 Popup window** – contains all the sets and chains that have been assigned so far.
* To open the window, we can press ‘p’ which will toggle a side panel with the list of sets and chains.
* Pressing 'e' and 'E' (shift + ‘e’) will switch between expanding and collapsing the list of mentions for each chain.
* **Working with the window –** we can modify our chains and sets via the properties window directly. This works similarly to the regular workflow, but it allows us more flexibility.



**3 Saving a document**

**4 Additional Keys**

**Editing links** Use:

• suppr or backspace to destroy the selected mention,

• c to change the color of the selected set,

• N to change the name of the selected set (don’t ask, use the content of the selected mention),

• n to change the name of the selected set (ask, default is current name),

• m to change the name of the selected set (ask, default is the content of the selected mention).

**Navigating** Use:

• f to go forward in text,

• F to go forward in text (only visible),

• j to go forward in set,

• J to go forward in set (only visible),

• b to go backward in text,

• B to go backward in text (only visible),

• k to go backward in set,

• K to go backward in set (only visible),

• t to scroll to the selected mention in the main window,

• T to scroll to the selected mention in the popup window.

**Showing and hiding mentions** Use:

• o to show only the set of the selected mention,

• O to show all mentions,

• s to show the search box,

• u to hide non chains,

• U to hide/show (toggle) non chains in popup,

**Popup** Use:

• p to show the popup window of all sets and mentions,

• e to expand all sets in the popup,

• E to collapse all sets in the popup,

• v to expand chains in the popup.

**Saving** Use:

• w to write the text and annotations to a file,

• W to write the text and annotations to a file (with head text and link content),

• x to write the schema to a file,

• X to show the schema (in a dialog).

**Displaying** Use:

• i to increase font size,

• I to decrease font size,

• l to show statistics,

• P to show chain patterns.