Simple place to
enter the regex

Regex to DFA

Welcome

Please enter a regular expression:

☑ Auto-play algorithms

Begin

Load regex

Selected by
default
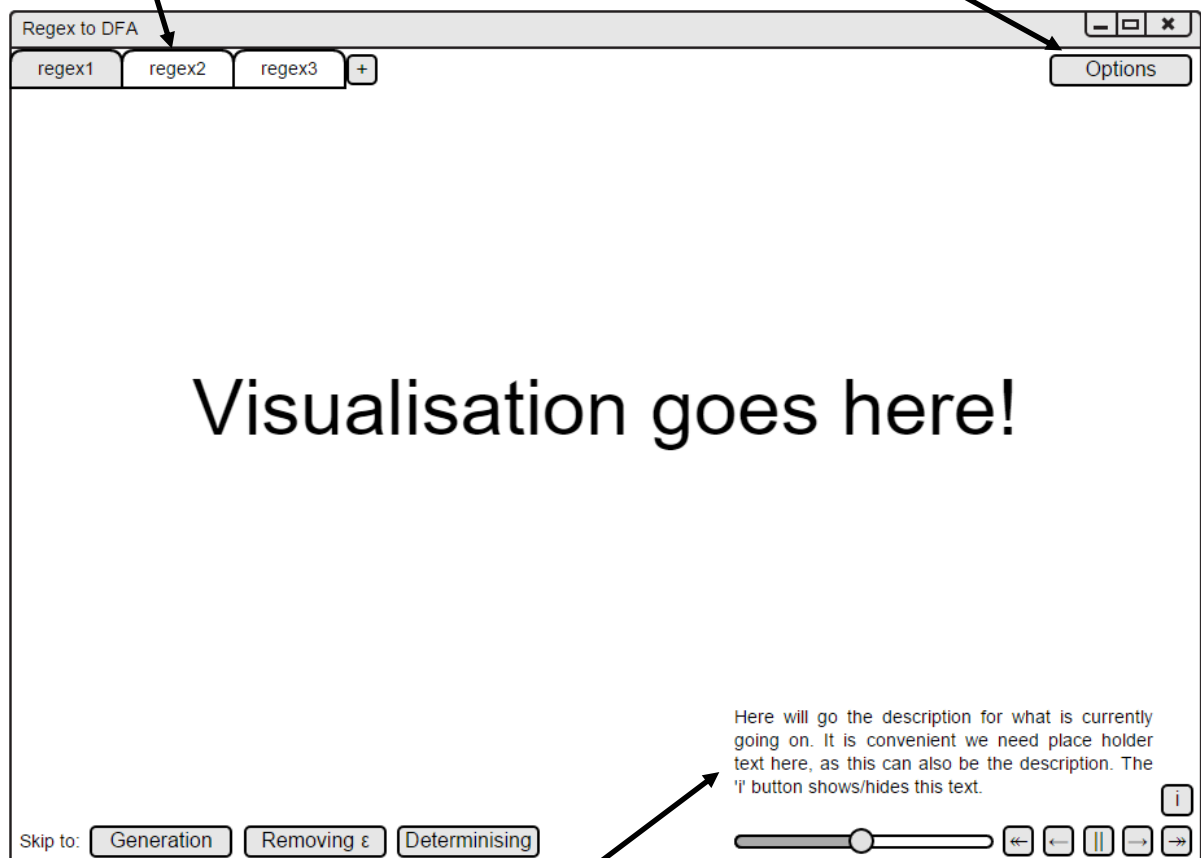
Takes the user
to the 'load
regex' screen

Tabs for all the regexs (dynamically adds tabs when needed. The selected one is a different shade to the others. The plus button is a quick way to add a new one. 'New' tabs are the home screen (previous page).

Options button allows the user to:

- Close current regex

- Open a new one

- Save the current regex (opening the load/save screen)

- Allow them to test for bisimilarity (from regex in another tab).

- Allow them to print the current contents of the screen.

Regex to DFA

regex1   regex2   regex3   +   Options

Visualisation goes here!

Here will go the description for what is currently going on. It is convenient we need place holder text here, as this can also be the description. The 'i' button shows/hides this text.

Skip to: Generation   Removing ε   Determinising

Allows the user to skip to a specific part of the visualisation.

The helper text for the current animation. Also with a hide button.

Navigation of the current section

- Slider indicating progress through current section.

- The buttons are (left to right) restart, rewind, play/pause, fast forward, skip to end

Load a regular expression ▬ ▢ ✖

1. regex1
2. regex2
3. regex3
4. (Empty slot)
5. (Empty slot)
6. (Empty slot)
7. (Empty slot)
8. (Empty slot)
9. (Empty slot)
10. (Empty slot)

[Load]　[Cancel]

A list of all saved regular expressions. Empty slots are empty and not selectable. The same screen will be shown when saving, except the button at the bottom shall read save (and if saving, a prompt will be shown if the slot is already taken).

Load (or save) button shall load (or save to) the selected slot.

Cancel shall return the user to the previous screen.