Huan-gîng 使用 Clochur!

Welcome to use 𝐂𝐥𝐨́𝐜𝐮𝐫, a toy editor, toy intepreter and a toy typesetting-engine frontend.

1. What is Clochur?

Clochur, or printed as "𝐂𝐥𝐨́𝐜𝐮𝐫" in Irish language (*"CLOW-kur"* Clóċur as Roman type, which means "typesetting"), is a toy-lisp typesetting language with a intepreter written in Python 3, and with a simple Editor written in PyQt5 and QScintilla.

It generate a XML that is readable for SILE, which is a typesetting engine written in Lua, and it generate PDF with SILE.

The functions that it has (although may be buggy or needed to be tested) is:

- Macro expansion.

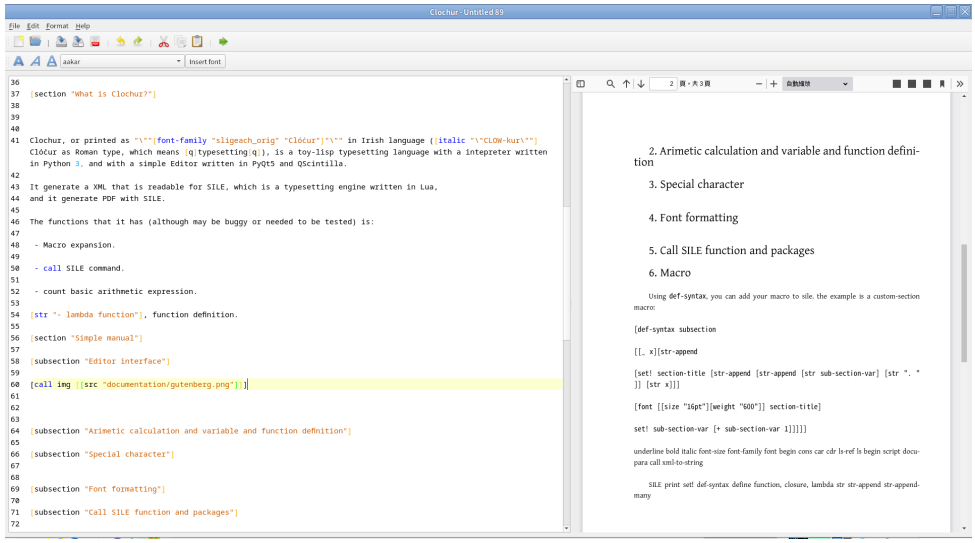
- call SILE command.

- count basic arithmetic expression.

- lambda function, function definition.

2. Simple manual

1. Editor interface



2. Arimetic calculation and variable and function definition

3. Special character

4. Font formatting

5. Call SILE function and packages

6. Macro

Using `def-syntax`, you can add your macro to sile. the example is a custom-section macro:

```
[def-syntax subsection
```

```
[[_ x][str-append

[set! section-title [str-append [str-append [str sub-section-var] [str ". "
]] [str x]]]

[font [[size "16pt"][weight "600"]] section-title]

set! sub-section-var [+ sub-section-var 1]]]]]
```

underline bold italic font-size font-family font begin cons car cdr ls-ref ls begin script docu-para call xml-to-string

SILE print set! def-syntax define function, closure, lambda str str-append str-append-many