

REBOL Markup Engine

(Preliminary Document)

Version 0.0.1

C.Kibleur
February 24, 2009

Contents

1	REBOL Markup Engine	1
1.1	Inline formatting	1
1.2	Images	1
1.3	Synonyms	1
1.4	Source code	2
1.5	Rebol notes	3
1.5.1	Scripts path	3
1.5.2	Scripts args	3
1.6	Lists	4
1.7	What's new ?	5
1.8	Ideas	5
1.9	Thanks	5

1. REBOL Markup Engine

That's my first attempt at creating a markup language with REBOL. In fact, it is a complete rewrite of the [wiKib](#) engine which was written in [Python](#).

Don't believe there's no work to do. REBOL has no regexps, so I had to use the `parse` function instead. But really, it's so much nicer with it!

Note: This is just a work in progress, bugs are certainly *still* there.

1.1. Inline formatting

So, *Italics*, **bold**, underline, super^{script}, sub_{script}, ~~deleted text~~ or even monospaced text.

All the inline formatting rules can be nested, ie : ***Bold and italic***, underlined then bold.

Maths rendering is also possible thanks to [jsMath](#):

$$2x^3 - 5x^2 + 3$$

1.2. Images

Left aligned like this:

Centered :

Right aligned:

1.3. Synonyms

It's a convenient way to type less text in your markup. ie to render all the [REBOL](#) links inside this page, you just have to type 3 letters.

1.4. Source code

With [Python](#), I used [Pygments](#) to highlight the source-code. [REBOL](#) does not have such a lib (it has one, but only for [REBOL](#) code), so I have to do without it for the moment.

```
Some **text** here must not be ///rendered///.
```

So, here we go with some [REBOL](#) code taken from an online tutorial (*it just shows you how to upload a directory to a given ftp*):

```
\#!/usr/local/bin/rebol -qs
REBOL [Title: "to-web"]

me: "account"
pass: ask/hide "Password? "
server: "ftp.server.dom"
foreach file read change-dir system/options/path [
  if not dir? file [
    write/binary rejoin [
      ftp:// me ":" pass "@" server "/public\_html/" file
    ]
    read/binary probe file
  ]
]
```

I really like the [Factor](#) language too, so here's some code from it:

```
! Copyright (C) 2008 <your name here>
! See http://factorcode.org/license.txt for BSD license.

IN: palindrome
USING: kernel sequences ;
```

```
: palindrome? ( str -- ? ) dup reverse = ;
```

1.5. Rebol notes

Some things I had to remember:

1.5.1. Scripts path

system/user/home — User's home directory

system/script/path — Where the script is found

system/options/path — Where you were when you invoked the script

1.5.2. Scripts args

How to use arguments ?

```
rebol [
    Sujet: "Test ..."
    Auteur: "RebolZone"
    Version: 1.0.0
]
arguments: system/script/args
; Pas d'arguments !!!!
if arguments = none
[
    print "Usage : monscript.r arg1 arg2"
    print "Arguments obligatoires"
    quit
]
print type? arguments
probe arguments

bArguments: to-block arguments ; conversion de la chaine des arguments en
foreach arg bArguments ; Parcourt des éléments du block
```

```
[
    print arg
]

print "Fin de script"
input
```

1.6. Lists

I'm **currently** working on them in real time, as my script uploads this page, so you can follow my progress or my faults!

They can be nested, but there's actually one thing to fix.

- Coffee
- Chocolate
- Tea
 - Black tea
 - Green tea
 - * Green white tea
 - un *with* **formatted** text
 - deux *with* **formatted** text
 - * Green black tea
 - Beer
- Milk

Then a normal paragraph Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

1.7. What's new ?

- Synonyms;
- Document title;
- LaTeX backend: a result is here [in this pdf](#) (*but does not correspond to this file, I must fix that soon.*)

1.8. Ideas

At the moment, the engine misses several things:

- Enumerated lists;
- Escaping rule;
- Tables;
- Table Of Contents;

1.9. Thanks

Many thanks to the [REBOL](#) community how helped me a lot bringing this little project alive.

Does that work with accented chars ? éèâ