

Collection of Classes and Routines

GitLab Repositories



ooRexx Snippets



- Collection of ooRexx code fragments that I found useful
 - **Various topics:** Interpret, ADDRESS, File Class, PARSE VALUE, Json, Supplier Class, .local, .environment, Raising/Catching errors...

Cf. Section 2.11. Interpret in the [ooRexx Documentation](#), p. 56ff

README.md

```
AnArr = .array~of("do i = 1 to 2", "say i'. Hey'", "end")
String = AnArr~makeString(",;")
interpret String
```

Output

```
1. Hey
2. Hey
```

No
Syntax-
Highlighting
on GitLab

- Not brilliant, but simple examples might be helpful for beginners!



Side Topic: Syntax Highlighting (ooRexx)



- **Wikipedia** via Pygments Library (also used by Jupyter Notebooks)
 - <<https://pygments.org/languages/>>
 - Not ooRexx support
 - <<https://pygments.org/docs/lexers/#pygments.lexers.scripting.RexxLexer>>
- **GitLab** via HighlightJS (also used by Stack Overflow, Discourse)
 - <https://github.com/highlightjs/highlight.js/blob/main/SUPPORTED_LANGUAGES.md>
 - No Rexx support at all
- **Sublime Text Editor** via Rexx-sublime
 - <<https://github.com/mblocker/rexx-sublime>>
 - No ooRexx support
- **Github** via Linguist
 - <<https://github.com/github-linguist/linguist/blob/main/lib/linguist/languages.yml>>
 - No Rexx support at all



- Collection of classes and routines created during various small projects
- **Examples:**
 - `terminal.cls` – Styling the terminal output
 - `files.cls` – Searching, filtering and deploying files
 - `switches.cls` – Handling config files and script arguments
 - `bibtex.cls`, `markdown.cls`, `web.cls`, ...
- The documentation for the [README.md](#) is created automatically and rudimentary tests are carried out before the push
- **However:**
 - May only work in my context
 - I may change stuff as I please

ooRexx Helper: Example



- Documentation is part of classes

```
AnsiCls = .Ansi~new
say AnsiCls~About

::requires "terminal.cls"
```

Output:

Ansi Class, dylwi 2024, <https://gitlab.com/dylwi/ooress-helpers>

A class for creating Ansi-Escape code allowing to use colors and styles terminal output.

Usage:

```
<a Ansi> = .Ansi~new(<a String>)
<a Ansi> = <a Ansi>~Foreground(<Color1>, <Color2>, <Color3>)
<a Ansi> = <a Ansi>~Background(<Color1>, <Color2>, <Color3>)
           Color1 (Red), Color2 (Green), Color3 (Blue)
           (0-255) (0-255) (0-255)
           (%) (%) (%)
           (0-1) (0-1) (0-1)
           Color1 (Hex)
           Color1 (Color Name) - e.g.: Green, IntenseGreen
           Color1 (Ansi)
<a Ansi> = <a Ansi>~Style(<Style>)
           none, bold, dim, italic, underline, slowblink, fastblink, reverse, hide, cross
<a String> = <a Ansi>~Return
<a String> = <a Ansi>~Return(<a String>)
```



ooRexx Helper: Example



- Documentation within classes as a constant (method might be better)

```
AnsiCls = .Ansi~new("Text")

Say AnsiCls~Foreground(123)~return
Say AnsiCls~Foreground("GrEEen")~return
Say AnsiCls~Foreground("IntenseGreen")~return("New Text")
Say AnsiCls~Foreground("100%", "80%", "40%")~return
say AnsiCls~Foreground("#841339")~return
say AnsiCls~Foreground("19", "132", "94")~return
say AnsiCls~Foreground("0.07450980392156863", "0.2235294117647059", "0.5176470588235295")~return
say AnsiCls~Background("green")~return("With Background")
say AnsiCls~Style("bold")~Style("Cross")~return("With Style")

::requires "terminal.cls"
```

Output:

```
Text
Text
New Text
New Text
New Text
New Text
New Text
With Background
With Style
```



Rexx References (1 / 2)



- Collection of Rexx-related references
 - **Aim:** Get an overview of existing knowledge and solutions and create a searchable repository with links to relevant content.
 - **Sources:** Sourceforge, Github, Codeberg, WU Vienna, Scholar, RexxLA Symposia, Xephon, Websites, Manuals, ...
- **2297 Entries** (additional 700+ entries since the 35th Rexx Symposium)
- **Overview:**
 - 741 Magazine contributions (MVS, CISC, PC Mag, ...)
 - 587 Code Repositories
 - 424 Symposium contributions
 - 71 Thesis
 - ... Research Papers, Books, Websites

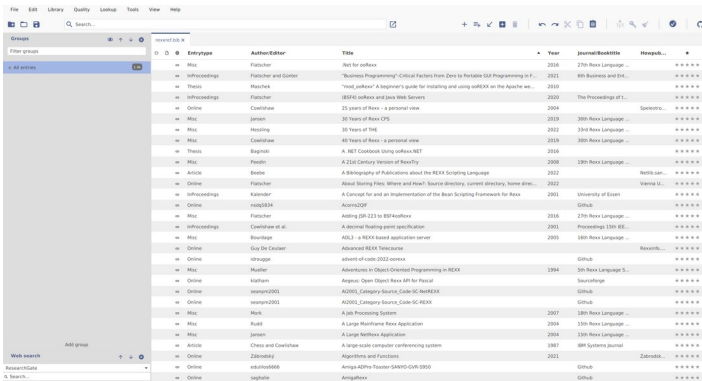


Rexx References (2 / 2)

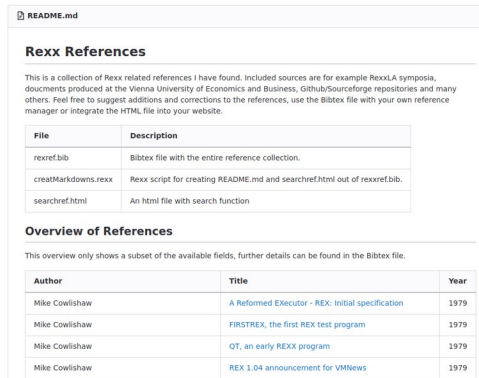


- Available as Bibtext, Markdown and Web (HTML+JS+CSS)
- Scripts for creating files, updating entries, checking/downloading URLs

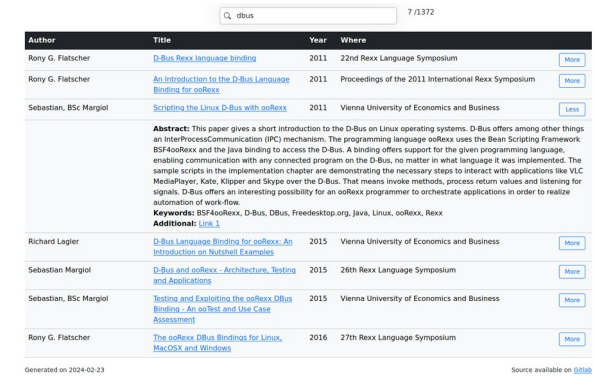
rexref.bib



README.md



searchref.html

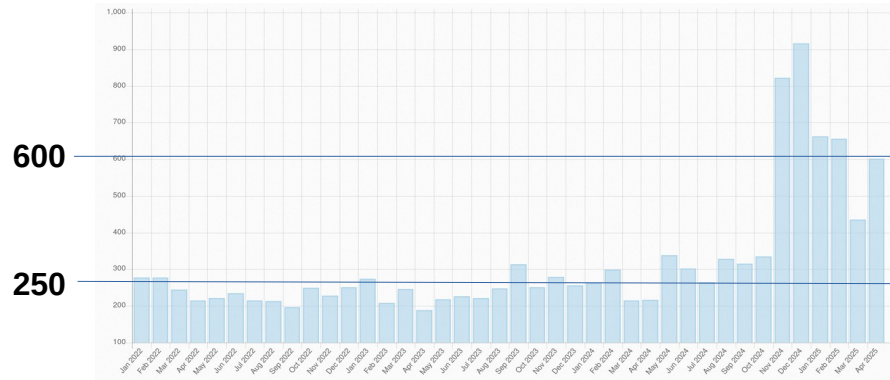


OoRexx Wikipedia

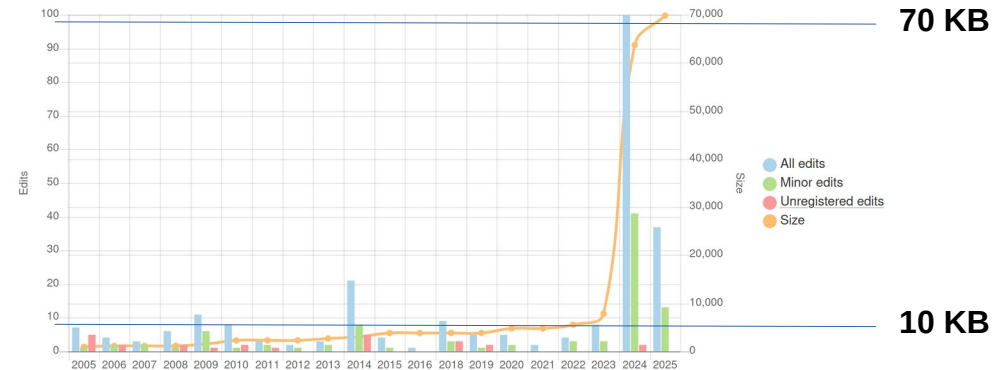


- ooRexx Wikipedia page received several updates
 - Wiki-Content assessment: **C - Class**

Montly Pageview



Content Size



- Help by: Copyediting, content extension, linking and translations, ...