Informatimago Public Common Lisp Libraries

common-lisp/

The sublibrary systems provided by this library should contain only pure conformant Common Lisp packages.

They should compile and run in all Common Lisp compliant implementations, and should have make use of no external package (eg. compatibility library) and no other (implementation dependant) package than COMMON-LISP. They should not use #+/#- to activate or disable implementation specific code. [There remains some packages using #+/#- with implementations specific variants, we're working on removing these forms].

clext/

Common Lisp Extensions.

This directory contains Common-Lisp packages that are mostly portable, but that use some extensions, packages out of the Common-Lisp specifications, like GRAY or other portability libraries.

clmisc/

Miscellaneous Common Lisp packages.

clisp/

clisp specific packages.

susv3/

POSIX API (clisp specific for now).

tools/

Various tools to help developing and compiling these packages. (Mostly obsolete since the introduction of ASDF and Quicklisp).

rdp/

Simple Recursive-Descent Parser.

objcl/

Objective-CL reader macros.

small-cl-pgms/

Various small lisp programs and proof-of-concept demos. Those are not gathered with ASDF system definitions.

Repository

These libraries can be obtained from the *git* repository at https://gitlab.com/com-informatimago/com-informatimago/

```
git clone https://gitlab.com/com-informatimago/com-informatimago.git informatimago
```

They're also available thru quicklisp:

```
(ql:quickload :com.informatimago.common-lisp)
(ql:quickload :com.informatimago.clext)
(ql:quickload :com.informatimago.clmisc)
#+clisp (ql:quickload :com.informatimago.clisp)
#+clisp (ql:quickload :com.informatimago.susv3)
(ql:quickload :com.informatimago.rdp)
```

```
#+(and ccl darwin) (ql:quickload :com.informatimago.objcl)

(ql:quickload :com.informatimago)
```

Documentation

You may browse the documentation, or you may also browse the sources at gitlab.

Bug Reports & Patches

Bug reports may be posted on gitlab issues, and merge requests for patches on gitlab. Alternatively, they may be sent to the author.

Authors & License

All this code is authored by Pascal J. Bourguignon, apart from:

- the system *com.informatimago.lisp-reader.package* which is authored by Zach Beane and modified by Pascal J. Bourguignon.

- the system *com.informatimago.lispdoc* which is authored by Sven Van Caekenberghe and modified by Pascal J. Bourguignon.

All this code is released under the GNU AFFERO GENERAL PUBLIC LICENSE apart from:

- the system *com.informatimago.lisp-reader.package* which is released under the BSD 2-clause license. The original parts of the *com.informatimago.lisp-reader.package* system are: Copyright (c) 2012 Zachary Beane <xach@xach.com>, All Rights Reserved

- the *system com.informatimago.lispdoc* which is released under the LLGPL license.

  The original web site referenced from cliki seems to have disappared (dead links), so a tarball containing a copy of the original sources is included in the git repository.

References

- AGPL: http://www.gnu.org/licenses/agpl-3.0.html

- Common Lisp: http://en.wikipedia.org/wiki/Common_lisp

- Common Lisp Wiki: http://cliki.net

- Pascal J. Bourguignon: mailto:pjb@informatimago.com http://www.informatimago.com/

- Quicklisp: http://quicklisp.org/

- Zach Beane: http://xach.com/

TODO

- create a library for low level utilities (eg. proper-list-p) that are used by several libraries to break circular dependencies.