

RACKET - LANG

racket's extensive library gets your projects off ground quickly. web applications mathe statistics

full list >>

racket runs on linux, macos, and windows develop on one develop to all theree.

package system standalone binantes

gui framework foreign interface

racket's crown jewel is its macro system, which lets you

freely extend the language.

entro to macros racket syntax model macros in depth making new languages

racket is a mature lope project that's actively developed and

maintained. the plt group vacket repositories

rocket mailing list main repository

dirracket is a graphical ide that's integrated with rackets unst documentation.

dracket tutorial dracket tools drracket guide scribble

racket started life as a scheme implementation, but then grow SCHEME

the racket manifesto how to program racket vacket essentials

LISP

using rors scheme

the world's first ecosystem for language oriented programming make your dream language, or use one of the dozens alredy available, including these

lang racket

(cond

(require 2htpdp/image); draw a picture

[(zero? n) (triangle 2 'solid red')]
[else (define t sierpinski' (-n 1)))

(freeze Capove + (beside ++)))]))

for making images,

long typed/racket

;; using higher-order occurrence typing

(tog ((Listof SrN) -> String))

Capply string-append (filter string? L)))

(tog (list 5 "hello " 1/2 "world" (sqrt -1)))

typed racket's "gradual" typing lets you add types after you've been coorking in untyped mode

lang racket/goi
Edel
Colepine & Cnew frame y. [label "Gruss"])
Colefine n Crandom 5)) (send of show #t)
Codefine ((check i) btn evt).
(message-box "." (if (= i n) "Yes" "No")))
(bor ([i (in-range 5)])
(make-object buttony. (~a i) f (check i)))
racket's gui language and libraries makes cross-platform
applications easy.
NSF national science foundation
DARPA defence advanced research project agency
FIPSE fund for the improvement of post secondary education
us department of education
exxon boundation
CORD, partners of the academy of information technology
microsoft, mozilla, google