Guile-Emacs

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Guile-Elisp Status

- Nil
- Lisp-2
- Lexical and dynamic binding
- Lexical declarations
- Control flow
- Variable and function aliases
- ERT tests
- Subrs: symbols, lists, I/O, etc.
- Buffer-local variables
Buffer-local variables

(define (with-context context thunk)
  (call-with-prompt
   'outer
   (lambda ()
     (with-context-state
      context
      (lambda ()
        (call-with-prompt
         'inner
         thunk
         (lambda (inner-cont escape-thunk)
          (lambda (inner-cont escape-thunk)
           (abort-to-prompt 'outer inner-cont escape-thunk)))))))))
  (lambda (outer-cont inner-cont escape-thunk)
    (let ((val (call-with-prompt
                 'value
                 (lambda ()
                  (inner-cont
                   (lambda ()
                    (abort-to-prompt 'value (const (escape-thunk)))))))
               (lambda (ignore val) val))))
     (with-context context (inner-cont (const val))))))

(define (with-context-state context thunk)
  (with-fluids* (map car context) (map cdr context) thunk))

(define (escape proc) ((abort-to-prompt 'inner proc)))
http://forkingpath.org/guile-emacs/

Questions?