Tangle All Org-mode Files

February 16, 2017

Contents

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;; Based on: http://turingmachine.org/bl/2013-05-29-recursively-listing-directories-in

(defun directory-files-recursive (directory match maxdepth)
  "List files in DIRECTORY and in its sub-directories.
   Return files that match the regular expression MATCH. Recurse only
   to depth MAXDEPTH. If zero or negative, then do not recurse"
  (let* ((files-list '())
 (current-directory-list
  (directory-files directory t)))
    ;; while we are in the current directory
    (while current-directory-list
      (let ((f (car current-directory-list)))
(cond
 ((and
   (file-regular-p f)
   (file-readable-p f)
   (string-match match f))
  (setq files-list (cons f files-list)))
 ((and
   (file-directory-p f)
   (file-readable-p f)
   (not (string-equal ".." (substring f -2)))
   (not (string-equal "." (substring f -1)))
   (> maxdepth 0))
  ;; recurse only if necessary
  (setq files-list (append files-list (directory-files-recursive f match (- maxdepth -
  (setq files-list (cons f files-list)))
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 (t)))
      (setq current-directory-list (cdr current-directory-list)))
    files-list))

(defun tangle-all ()
  "Tangle all the Org-mode files in the directory of the file of the current buffer
   recursively in child folders. Returns the list of tangled files"
  (mapcar (lambda (f)
    (when (not (file-directory-p f))
      (org-babel-tangle-file f)))
  (directory-files-recursive (file-name-directory (buffer-file-name)) "\\.org$" 20)))

(tangle-all)
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