

Sending Email Via Scheme

A simple emailing interface using mailx

Aaron W. Hsu

<arcfide@sacrideo.us>

Copyright © 2010 All Rights Reserved.

Usage

Procedure: SEND-EMAIL

Arguments: *to from cc bcc body variables*

Returns: #<void>

This is a simple library that let's you send an email using Scheme assuming that you have the `mailx(1)` program installed. The value of the *to* variable should be a list of strings that are the appropriate email addresses to which the message should be sent. The value of the *from* variable is an email string. The value of *cc* and *bcc* should be lists of email address strings or the empty list.

The *body* variable is a list of strings or symbols. The message body will be the result of appending the strings found in the *body* list. Whenever a symbol is encountered during the composition of the string, the symbol is looked up in the association list *variables* and its associated value string is used in the composition in place of the symbol. If the symbol cannot be found, then the empty string is used.

Technical Notes

The way that we compose the process string to run using `OPEN-PROCESS-PORTS` is quite slow, and I don't think that we should be constructing all those intermediate lists. If you agree, then fix it.