



spring-2013-se2-dijkstra

Team Dijkstra SE2 Project (ACL2 Email Service)

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★ Issue 1: Email I/O

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[Back to list](#)**Status:** Fixed**Owner:** [wesleyrhowell](#)**Closed:** Feb 28**Type:** Defect**Priority:** Medium**Component:** Logic[Add a comment and make changes below](#)**Project Member** Reported by [wesleyrhowell](#), Feb 22, 2013

I wrote the Email I/O in Dr. Racket and it works from this environment. However, when I try to admit and load the module into ACL2, it is failing.

I still need to tie up a few ends on things and hope this solve the issues.

Project Member [#1 wesleyrhowell](#)Feb 23, 2013 [Delete comment](#)

I have gotten everything I/O related to admit, However the functions that rely on the I/O functions are still having trouble admitting to ACL2. It seems that all the functions will work independently but not as a whole as needed.

Project Member [#2 matthew.a.crist](#)Feb 26, 2013 [Delete comment](#)

Suggested that Wesley utilize the shell in order to provide input for the acl2 script and to dynamically generate that information. Naming convention for storage also discussed for clarification on multiple email messages existing in the same directory (persistent storage directory).

Project Member [#3 matthew.a.crist](#)Feb 27, 2013 [Delete comment](#)

Code review is under way. Actionable execution must occur within a subdirectory of the module structure. Will check for correctness.

Status: Started**Owner:** matthew.a.crist**Project Member** [#4 matthew.a.crist](#)Feb 27, 2013 [Delete comment](#)

IO should not occur within the server-email.lisp file. This file should be dedicated to the logic of parsing the information contained within the data structure for the email subsystem. IO should occur in a subsection of the module such as ./modules/email/send-email/ which can contain the send-email.lisp and send-email.sh files that act upon the logic contained in server-email.lisp. Removed redundancies from the SVN. Ensure that these files are removed from subversioning to prevent unnecessary commits to the repository. io-utilities.lisp and list-utilities.lisp should be referenced in a relative context as opposed to absolute. Updated references withing server-email.lisp. Testing should occur in a separate file that includes this book instead of directly within the file itself. Consider removal of excessive code. I have left it in there for you to update upon completion.

Labels: Component-Logic**Project Member** [#5 wesleyrhowell](#)Feb 28, 2013 [Delete comment](#)

Matthew and I have discussed the changes that need to be made. I am working on this now and should be finished shortly

Status: Fixed
Owner: wesleyrhowell

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