

FreeAndFair / ColoradoRLA

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how to handle fictitious CVRs? #472

[Open](#)

kiniry opened this issue on Aug 25, 2017 · 4 comments

Labels

assurance question security server

Projects

system design and domain ... server quality assurance

Milestone

someday

kiniry commented on Aug 25, 2017

Contributor

@nealmcb attempted to create a bogus CVR file by duplicating the same CVR line many times. How might the RLA Tool detect such bogus CVR files? CC @dmzimmerman

kiniry added assurance Ask CDOS question security server labels on Aug 25, 2017

kiniry added this to the someday milestone on Aug 25, 2017

kiniry added this to Todo in quality assurance on Aug 26, 2017

kiniry added this to Todo in server on Aug 26, 2017

kiniry added this to Todo in system design and domain engineering on Aug 26, 2017

kiniry commented on Aug 29, 2017

Contributor

Author

We asked CDOS about this today. They asked us for an example CVR file that shows this problem. @nealmcb, can you make that happen?

nealmcb added a commit that referenced this issue on Aug 29, 2017



Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

dbc8927

nealmcb commented on Aug 29, 2017

Collaborator

A sample file is available at `test/zoo/invalid-cvr-dup-line.csv`.

At the moment it is only in the `test-bis` branch.

Background:

The CVR file that @kiniry refers to is one I created with an [early version of bootstrap_cvr.py](#) which did not yet generate unique values for the initial columns of the CVR. The current version creates valid CVRs.

I've added a new invalid test CVR file at `test/zoo/invalid-cvr-dup-line.csv` for use in testing.

At the time the server read it in just fine, and the question here is whether the server should ensure that the fields `"CvrNumber"`, `"TabulatorNum"`, `"BatchId"`, `"RecordId"`, `"ImprintedId"` are all valid, and in particular that the `CvrNumber` is sequential and unique, and that the `ImprintedId` and the 3 fields that make it up are unique. I believe that the plan, or the current code, requires that `CvrNumber` at least is unique.

nealmcb added a commit that referenced this issue on Aug 30, 2017



Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

6cd5c6c

nealmcb added a commit that referenced this issue on Sep 6, 2017



Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

ee534f8

nealmcb added a commit that referenced this issue on Sep 7, 2017



Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

bb91d5d

nealmcb added a commit that referenced this issue on Sep 12, 2017



Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

90d13c2

nealmcb added a commit that referenced this issue on Sep 13, 2017

Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

c81deec

nealmcb added a commit that referenced this issue on Sep 13, 2017

Test file for [#472](#): test/zoo/invalid-cvr-dup-line.csv ...

9b7b821

kiniry commented on Sep 18, 2017

Contributor

Author

I'm including a request for confirmation that we need not deal with fictional/bogus CVRs in [Weekly Report #11](#) on this issue.

sfsinger19103 commented on Oct 2, 2017

Contributor

I don't see anything about this issue in [Weekly Report 11](#), and I can find no documentation of a request from CDOS to have the RLA Tool detect fictitious CVRs. So I'm removing `ask cdos` label.

sfsinger19103 removed the `Ask CDOS` label on Oct 2, 2017

Assignees

No one assigned

Labels

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Projects

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Todo

server
Todo

quality assurance
Todo

Milestone

someday

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

3 participants

