Access to Memory (AtoM) - Bug #12861

Actor aliases and relations being dropped on CSV export

03/05/2019 08:54 AM - Dan Gillean

Status:	Verified		**Start date:**	03/05/2019
Priority:	Medium		**Due date:**	
Assignee:	Michelle Curran		**% Done:**	0%
Category:	CSV export		**Estimated time:**	0.00 hour
Target version:	Release 2.5.0			
Google Code Legacy ID:			**Tested version:**	2.4, 2.5
Sponsored:	No		**Requires documentation:**	

Description

- Find or create several authority records that have multiple aliases (in all fields: parallel, standard according to others, and other forms) - and relations (multiple types - hierarchial, temporal, associative, family).
- Add all authorities to the clipboard
- Go to the clipboard
- Export the authority records as CSV
- Open the relations and aliases CSV files included in the exported zip

Resulting error
Relations and alias data is only included for one entity.

Expected result
Relations and alias data is included for every actor exported

Notes

Reported by community user in 2.4; reproduced in 2.5 vagrant box on 2019-03-05. Possibly due to a loop function that is overwriting previous results, or some kind of badly formed array?

History

#1 - 03/06/2019 11:03 AM - Steve Breker

This is an architectural issue where the call to produce the alias and relations files here:

https://github.com/artefactual/atom/blob/qa/2.5.x/lib/flatfile/csvActorExport.class.php#L64

...is being called once per actor record in the report. This results in these relation and alias files being regenerated each time, each containing one actor's relations and aliases. The same filename is being used on each loop which results in the previous file containing the previous actor's relations and aliases files being overwritten.

E.g.: when exporting two actors with aliases, adding a log message inside of ::exportCompanionFile outputs:

Mar 06 10:52:36 symfony [err] SBSBSB exportCompanionFile:/tmp/565be7ff0e363e590443f3cd9b40cc53/0000000001_aliases.csv
Mar 06 10:52:36 symfony [err] SBSBSB exportCompanionFile:/tmp/565be7ff0e363e590443f3cd9b40cc53/0000000001_relations.csv
Mar 06 10:52:36 symfony [err] SBSBSB exportCompanionFile:/tmp/565be7ff0e363e590443f3cd9b40cc53/0000000001_aliases.csv
Mar 06 10:52:36 symfony [err] SBSBSB exportCompanionFile:/tmp/565be7ff0e363e590443f3cd9b40cc53/0000000001_relations.csv

Note that the filenames are the same on each loop. At the end of the run, these files will contain the details for the last actor in the main export spreadsheet.

This logic is triggered in the job here:
https://github.com/artefactual/atom/blob/qa/2.5.x/lib/job/arActorCsvExportJob.class.php#L102

I am assuming we want one actor output CSV and one file each for aliases and relations so that all exported actor details are included in the three files, as opposed to one alias and relation file per actor included in the actor export CSV.

#2 - 03/26/2019 10:01 AM - Mike Cantelon

- Assignee set to Mike Cantelon

#3 - 03/27/2019 10:14 PM - Mike Cantelon

- Status changed from New to Code Review

- Assignee deleted (Mike Cantelon)

PR for CR: https://github.com/artefactual/atom/pull/864

#4 - 04/01/2019 12:40 PM - Steve Breker

- Status changed from Code Review to Feedback

CR complete. Looks good!

#5 - 04/01/2019 01:16 PM - Mike Cantelon

- Status changed from Feedback to QA/Review

Merged into qa/2.5.x for QA.

#6 - 04/04/2019 01:58 PM - Michelle Curran

- Assignee set to Michelle Curran

#7 - 04/04/2019 07:27 PM - Michelle Curran

- Status changed from QA/Review to Verified

Verified on artefactual/atom and atom25qa vagrant boxes.

#8 - 04/23/2019 02:55 PM - Dan Gillean

- Target version set to Release 2.5.0