

Lookup Editor - Feature #1386

Ability to import into KV lookups

06/29/2016 05:53 PM - Luke Murphey

Status:	Closed	Start date:	05/21/2017
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.7.0		
Description			
Add the ability to import a CSV into a KV store lookup.			
Subtasks:			
Task # 1870: Add detection of import errors; show in progress dialog			Closed
Task # 1871: Ensure that input file has at least some fields			Closed

History

#1 - 06/29/2016 05:58 PM - Luke Murphey

1. Will need to ensure that the fields of the CSV match that of the KV store
 1. If the input includes a `_key` field, should it be:
 1. ignored: just make a new entry
 2. used to overwrite: potentially overwriting existing entries to update them
 3. used if no conflict: only imported if a row doesn't exist with that `_key` (**preferred**)
 4. make new entries: just make more rows
 2. If the CSV includes extra fields (more than the ones that the KV store includes), should they be:
 1. ignored: not imported (**preferred**)
 2. imported: imported but won't be shown since not a declared field (**preferred, if the KV store import will still accept them**)
 3. cancelled: stopping importation
 3. If the CSV includes fewer fields, should they be:
 1. ignored: missing fields will be empty
 2. cancelled: import stopped (**preferred**)
 3. use default: use some field value that the user defines

#2 - 05/08/2017 07:57 PM - Luke Murphey

- Target version changed from `Plus_1` to `2.7.0`

#3 - 05/17/2017 08:21 PM - Luke Murphey

Sub-tasks:

- 1) Show import options
- 2) Validate schema of incoming file
- 3) Load file into editor
- 4) Do saves of rows
- 5) Ignore existing rows with the same `_key`

#4 - 05/18/2017 04:49 PM - Luke Murphey

This is a bit difficult with KV store lookups since calling `renderLookup()` loses the header on KV lookups.

A couple of ways to do this:

1. iteratively add each row
2. pull in all of the rows and then have it save

#5 - 05/18/2017 05:10 PM - Luke Murphey

A couple of other options:

- Have importer just import each row
- Have Python do the import and reload the lookup when done
- Have JS do the import in the background and reload the lookup when done

#6 - 05/20/2017 06:10 AM - Luke Murphey

- *File Test.csv added*

#7 - 05/20/2017 06:23 AM - Luke Murphey

Some questions:

- Should I use the `kvstore.js` class?
 - <https://github.com/LukeMurphey/splunk-slideshow/blob/master/src/appserver/static/contrib/kvstore.js> and <https://github.com/LukeMurphey/splunk-slideshow/blob/master/src/appserver/static/js/views/SlideshowSetupView.js>
- Does KV store support a batch import?

#8 - 05/21/2017 12:43 AM - Luke Murphey

Things still to be done:

1. **[Done]** Save lookups with owner
2. **[Done]** Show a progress dialog

#9 - 05/21/2017 05:19 AM - Luke Murphey

Here is a primer on the behavior:

1. Files can only be imported if they include all of the fields of the lookup.
 1. Extra columns will cause import to fail.
 2. `_key` values in the import will be ignored.
 3. Missing columns will be silently ignored.
 4. An error is generated if no columns match
2. A progress dialog is displayed during import
 1. The progress dialog will be shown when a file is dragged onto the editor or when a file is selected.
3. The import can be cancelled clicking cancel or by closing the dialog with the "X" button.

#10 - 05/22/2017 06:38 AM - Luke Murphey

- Status changed from New to Closed

Files

Test.csv	1.01 MB	05/20/2017	Luke Murphey
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