

Method Description

Name	Collection()
Class Name	Collection
Purpose	Constructor
Triggers/Events	Contributor navigates to the create collection form.

Arguments Received

Name	Data Type	Comments

Methods from Other Classes

ClassName.MethodName	Comments

Argument Returned

Data Type	Comments
Collection	New, unpopulated collection.

Algorithm Specification

Update the database to reflect the details of this new collection.
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Method Description

Name	findSimilarEntries(int count)
Class Name	Entry
Purpose	Using the entry this instance represents, a list of similar entries are returned.
Triggers/Events	User is viewing and entry, and navigates to view similar entries.

Arguments Received

Name	Data Type	Comments
count	integer	maximum number of results to return

Methods from Other Classes

ClassName.MethodName	Comments

Argument Returned

Data Type	Comments
Entry[]	Array of entries

Algorithm Specification

An entry is compared to all other entries, and if deemed similar, added to the return array. All of the entries, or the maximum number specified by count, are returned as an array.

Similarity is determined by looking at which entries appear together in collections, as well as sharing additional info (images, authors, etc). Entries with the most characteristics in common will be ranked higher (more similar).