Use Cases

1: Upload RIE Records (Batch)

Brief Description

This use case allows the teacher (also the administrator) to upload a pre-formatted CSV file to store the RIE records described within to be automatically entered into the database on the admin's computer.

Actors

- **Administrator** (a.k.a. teacher)
- **JDAS** (Java Desktop Admin System)

Flow of Events

BASIC PATH

1. If he/she is not already at the main screen, the admin starts up the program.
2. The admin clicks the button labelled as 'RIE Records' in the 'Upload…' section.
3. A new window will appear. In this new window, the admin will select the button labelled 'Batch Entry'.
4. Another new window, a file selector, will appear. The admin will select a CSV file stored somewhere on the computer, and then press the 'Open' button.
5. The newest window closes, and the user is returned to the window in step 3 which now displays a text label saying 'Upload successful.'

EXCEPTION PATH: FILE SELECTED IS IMPROPERLY FORMATTED

1. After step 4 from above, the label in the previous window reads 'Error in uploading: ', followed by the relevant error messages from the database upload process. The user can try again from step 3 of the Basic Flow.

Assumptions

- The administrator is the only one to have read/write access to the machine hosting the JDAS.
- There is already a database set up and connected to the JDAS.

Before & After

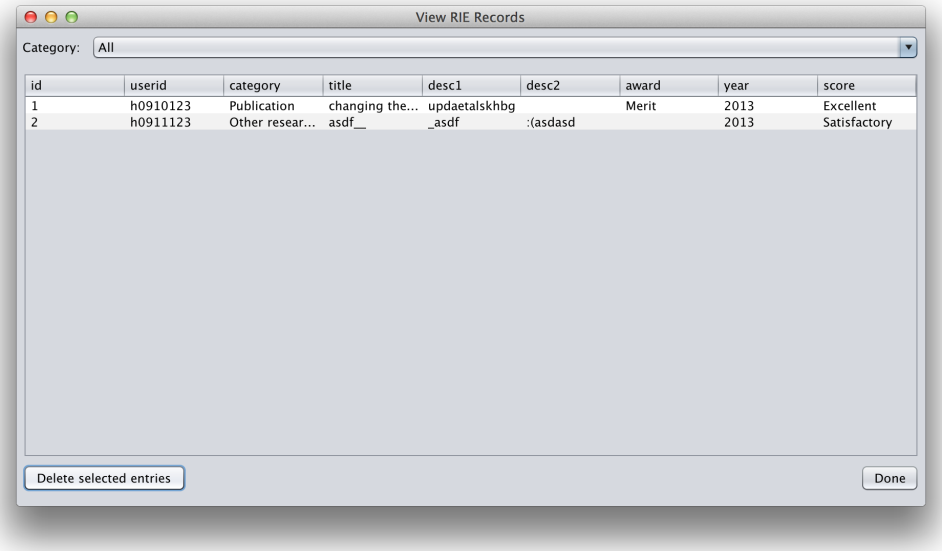
PRE-CONDITIONS

- The admin should have a pre-formatted CSV file on hand to be uploaded.
- The database on the computer must already set up but may or may not hold any records.

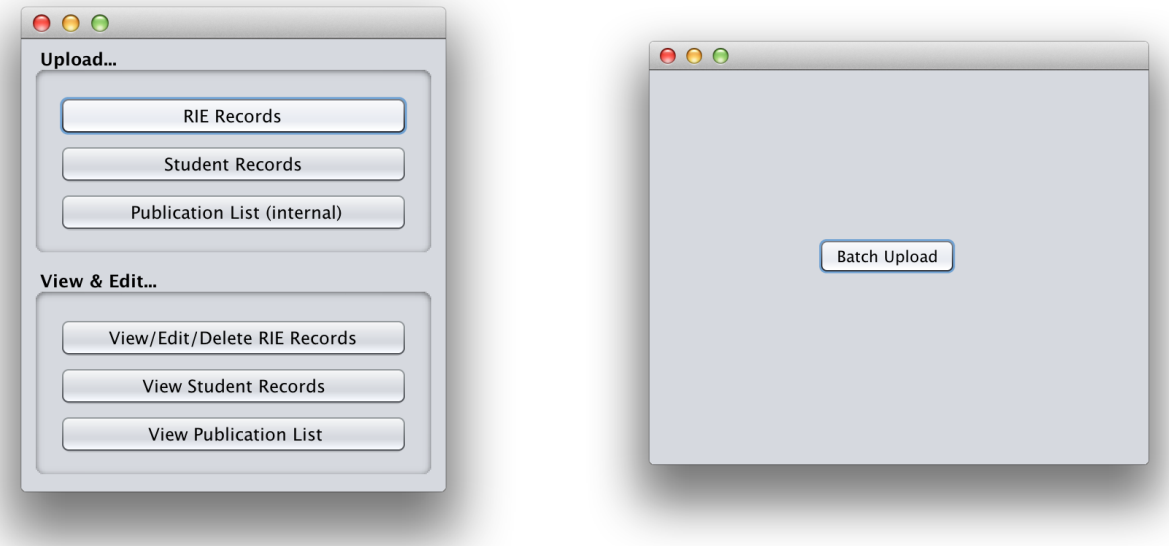
POST-CONDITIONS

- After the admin is finished, the database should now hold the uploaded RIE records, which have been merged with the existing entries.
- These records can now be read and edited as well, as specified in the next use case.

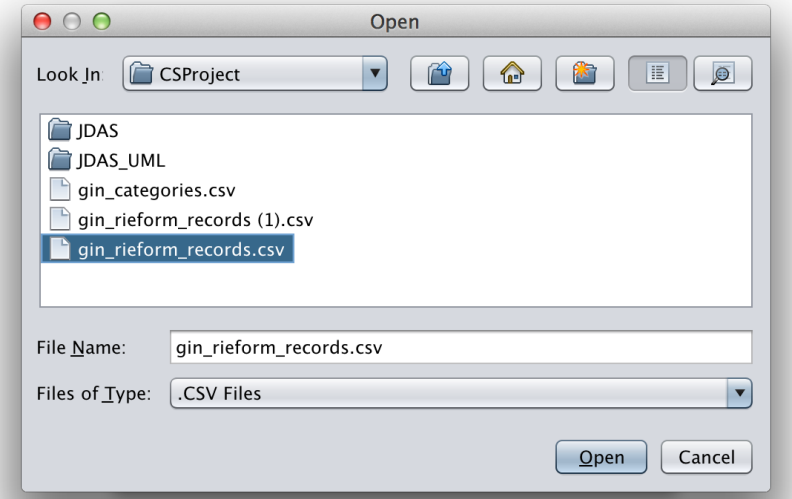
Screenshots



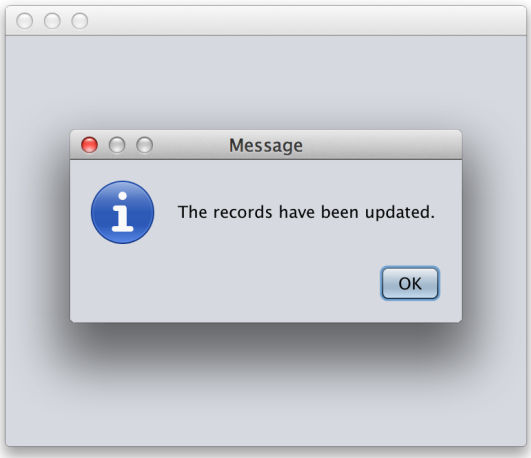
Pre-uploading



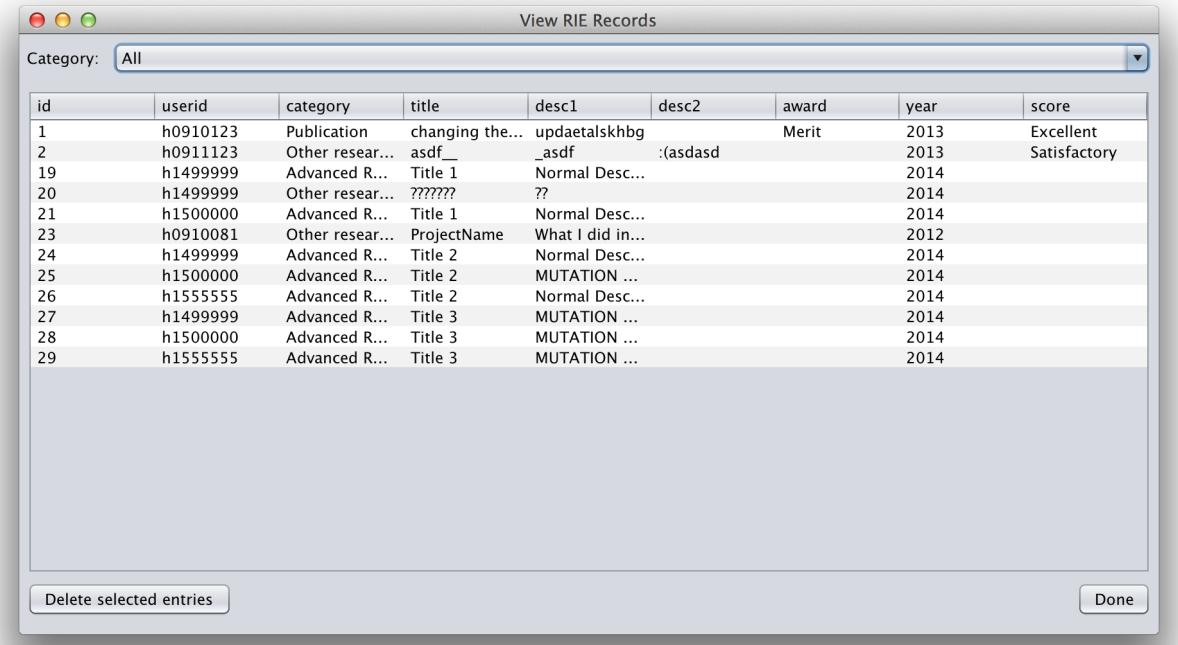
Selecting the two highlighted buttons in sequence (left screenshot comes first)…



A file open dialog is presented.



After selecting 'Open'



id	userid	category	title	desc1	desc2	award	year	score
1	h0910123	Publication	changing the...	updaetalskhbg		Merit	2013	Excellent
2	h0911123	Other resear...	asdf__	_asdf	:(asdasd		2013	Satisfactory
19	h1499999	Advanced R...	Title 1	Normal Desc...			2014	
20	h1499999	Other resear...	???????	??			2014	
21	h1500000	Advanced R...	Title 1	Normal Desc...			2014	
23	h0910081	Other resear...	ProjectName	What I did in...			2012	
24	h1499999	Advanced R...	Title 2	Normal Desc...			2014	
25	h1500000	Advanced R...	Title 2	MUTATION ...			2014	
26	h1555555	Advanced R...	Title 2	Normal Desc...			2014	
27	h1499999	Advanced R...	Title 3	MUTATION ...			2014	
28	h1500000	Advanced R...	Title 3	MUTATION ...			2014	
29	h1555555	Advanced R...	Title 3	MUTATION ...			2014	

Final result!

2: View, Edit & Delete RIE Records

Brief Description

This use case allows the administrator to open up a table that lists all RIE records, potentially filtering by category, and select an individual entry to further edit. Changes made can then be saved back to the database for future reference. Selected entry/entries can also be deleted.

Actors

- **Administrator** (a.k.a. teacher)
- **JDAS** (Java Desktop Admin System)

Flow of Events

BASIC PATH: VIEWING

1. If he/she is not already at the main screen, the admin starts up the program.
2. The admin clicks the button labelled as 'RIE Records' in the 'View & Edit…' section.
3. A new window will appear. In it, a table lists out the records with each section titled at the top.

ALTERNATIVE PATH: EDITING

1. After the table of records has appeared (step 3 of basic path), the administrator may double click any column apart from the leftmost three to begin editing.
2. The administrator can finish editing by clicking outside the edited field or pressing enter.

ALTERNATIVE PATH: DELETING

1. After the table of records has appeared (step 3 of basic path), the administrator may select one or more entries by clicking on them.
2. The administrator can then press the delete button and the records will be deleted and disappear from the table.

Assumptions

- The administrator is the only one to have read/write access to the machine hosting the JDAS.
- There is already a database set up and connected to the JDAS.

Before & After

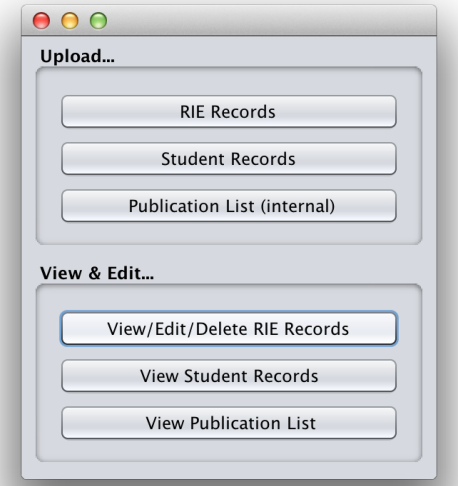
PRE-CONDITIONS

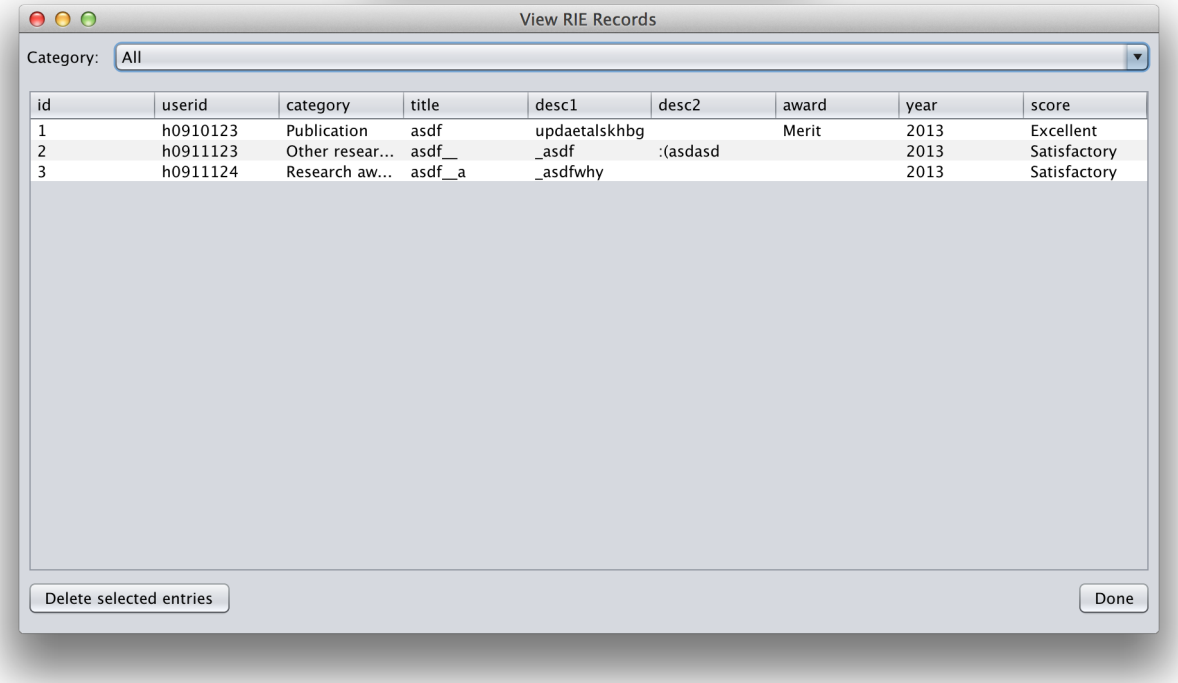
- For editing and deleting, there must be at least one existing record. If there are no records, the table will appear but be empty.

POST-CONDITIONS

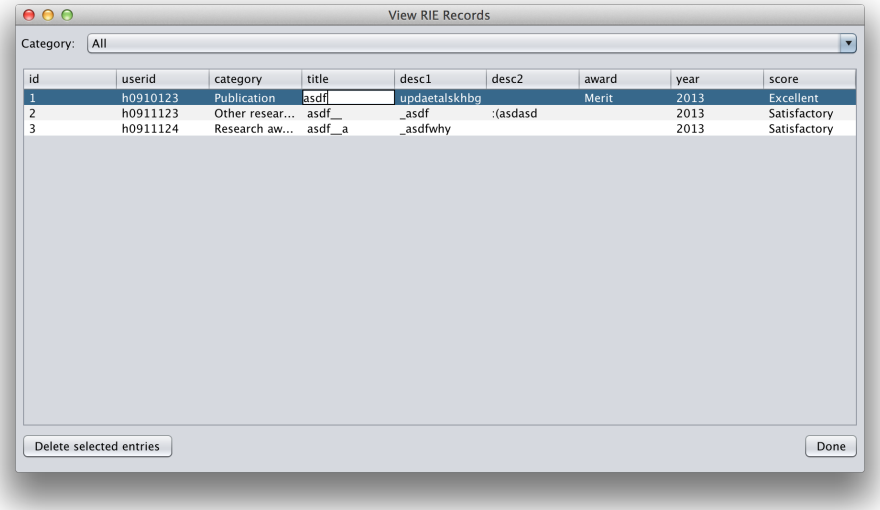
- After editing, the database will reflect the edits accordingly.
- Similarly, records deleted via the program will no longer appear in the database.

Screenshots

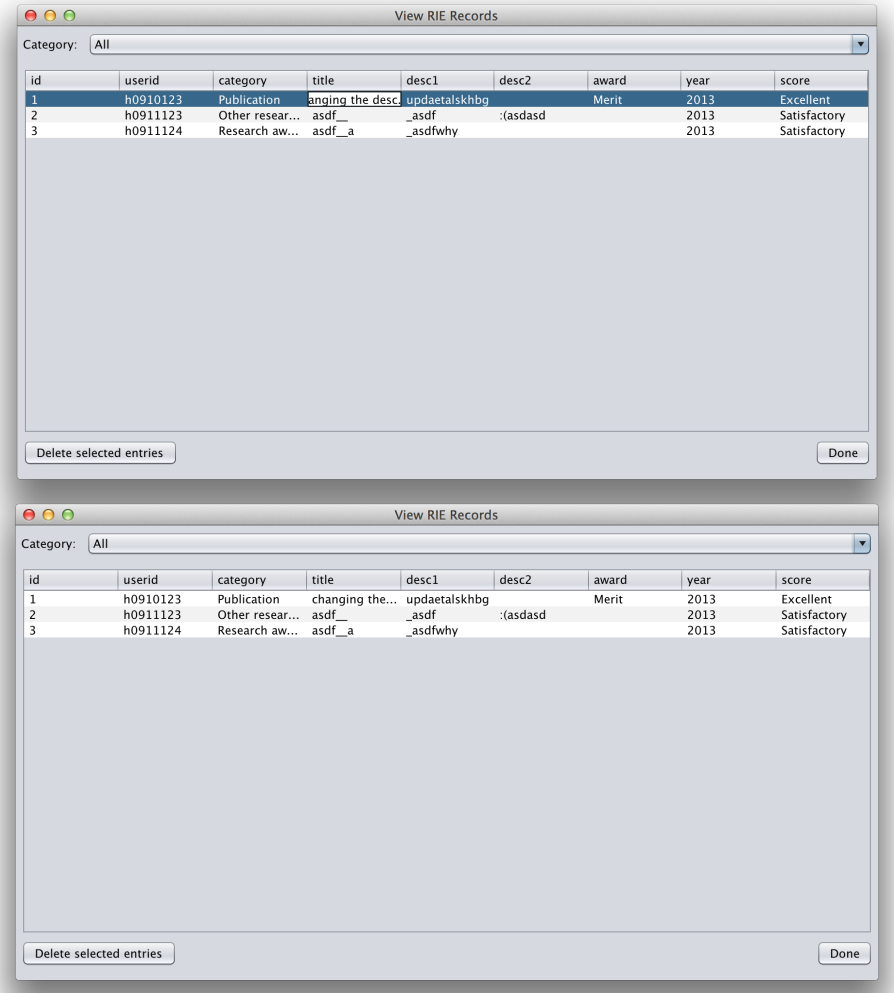




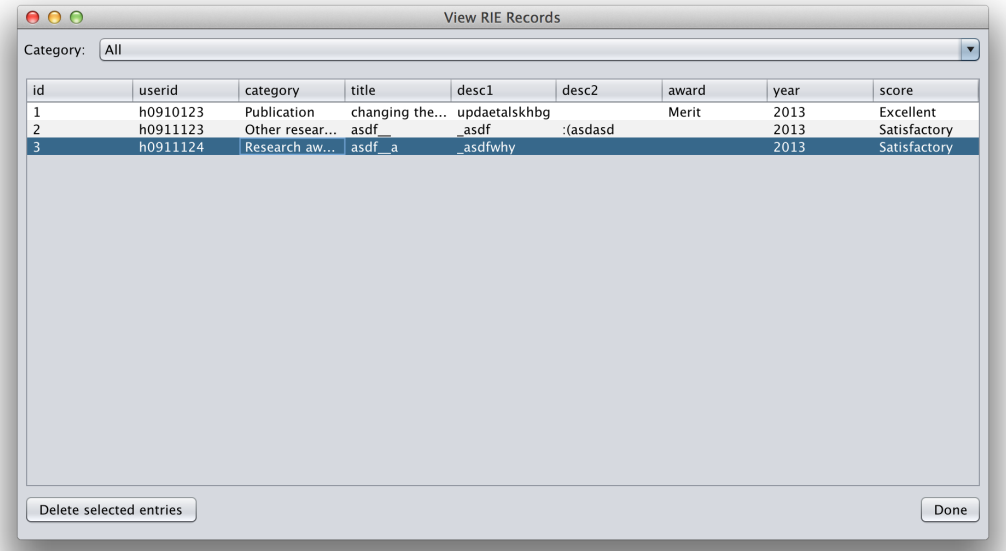
After selecting the 'View/Edit/Delete RIE Records button', the use is presented with the 2nd screenshot.



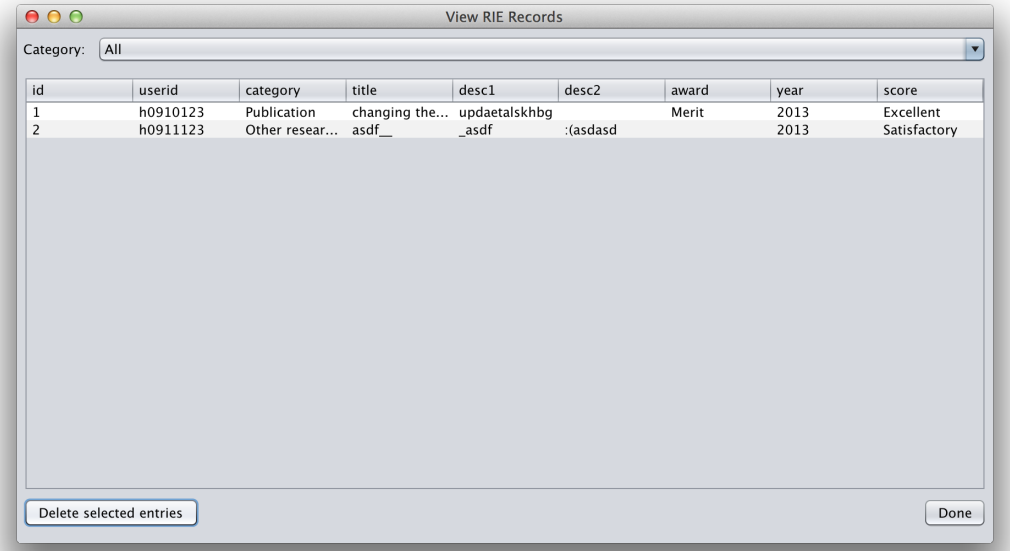
When selecting an entry to edit



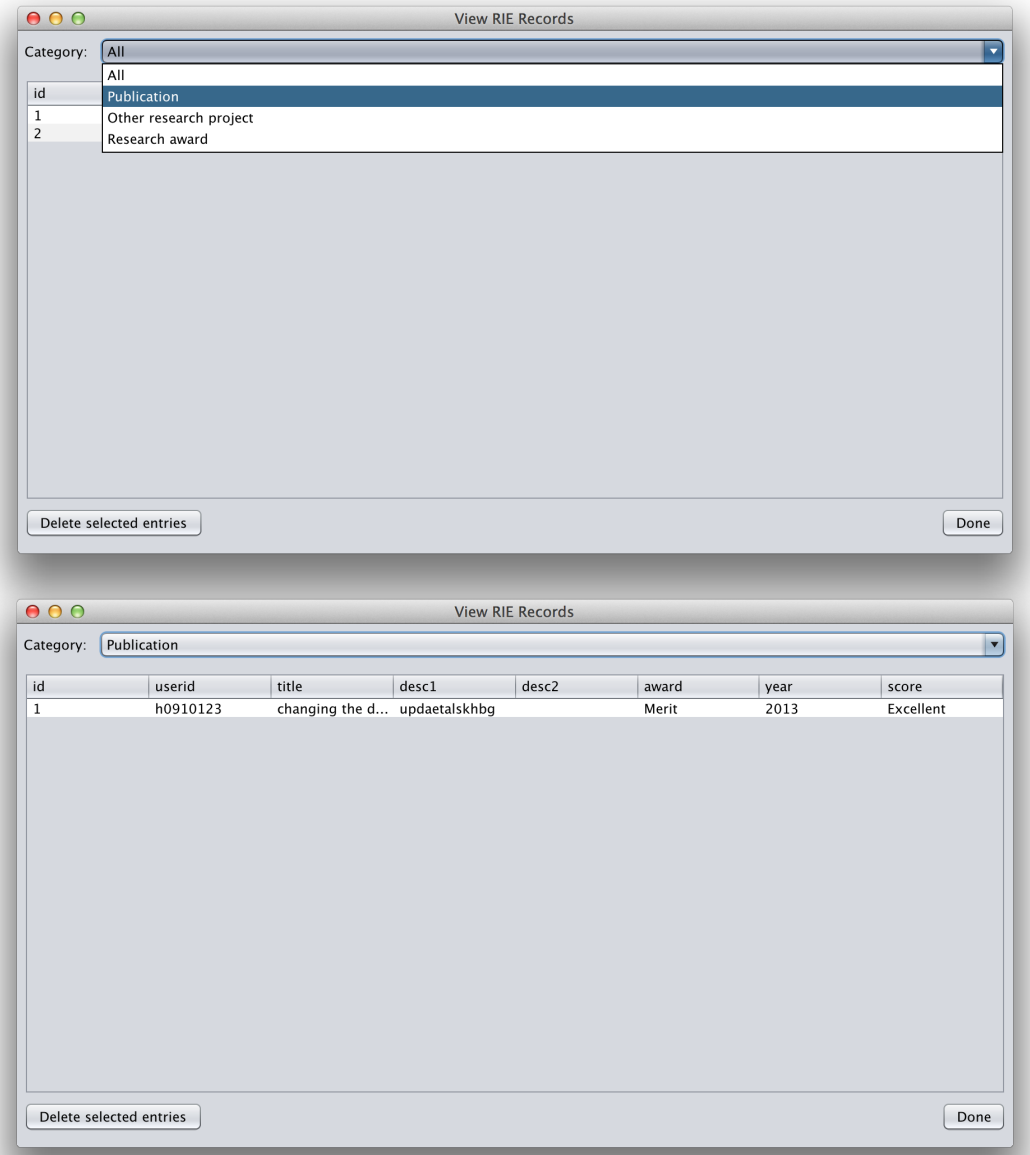
During and after editing



Selecting an entry…



… for deletion



Selecting a specific category to view