

MARCH 11, 2015

COG1 + RENAISSANCE LEARNING

SEARCH CONTROL
STORIES 3, 4, 13, 14

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Overview

What follows is recommended UXD for Search Control User Stories 3, 4, 13 and 14.

USER STORY 3: DISPLAY N FILTERS

Display N Filters

DESCRIBED IN USER STORY 3: DISPLAY N FILTERS

As a searcher, I need to be able to shape a search by specifying meta-data tags that describe the resources I want, so that I can find what I need.

ACCEPTANCE CRITERIA USER STORY A

- The Meta-Data Selection widget should display up to N Filters, based on a list passed into the control.
- Each Filter should be displayed in a form that enables selection to display the Filter's underlying elements.
- Each Filter element should be selectable and unselectable via a toggle gesture.
- The set of Filter elements selected should be sent as Filters associated with the Search.

ACCEPTANCE CRITERIA USER STORY B

- Filter elements should be ordered top down based on the number of Resources in the Results List that are associated with the underlying tag.
- If there are more than N filter elements that should be displayed, the widget should show a "See All" link.
- If the See All Link is selected, a popup should appear that shows all filter elements and enables multiple selection.

DISPLAY N FILTERS - FILTER PANEL DEPLOYED

Find Resources

1 Filters ▲

2

| Grade Level | Content Type | List 3 | List 4 |
|---|------------------------------------|--------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Grade 1 | <input type="checkbox"/> Video | <input type="checkbox"/> List Item 1 | <input type="checkbox"/> List Item 1 |
| <input checked="" type="checkbox"/> Grade 2 | <input type="checkbox"/> Audio | <input type="checkbox"/> List Item 2 | <input type="checkbox"/> List Item 2 |
| <input checked="" type="checkbox"/> Grade 3 | <input type="checkbox"/> Activity | <input type="checkbox"/> List Item 3 | <input type="checkbox"/> List Item 3 |
| <input type="checkbox"/> Grade 4 | <input type="checkbox"/> Worksheet | <input type="checkbox"/> List Item 4 | <input type="checkbox"/> List Item 4 |
| <input type="checkbox"/> Grade 5 | <input type="checkbox"/> Game | <input type="checkbox"/> List Item 5 | <input type="checkbox"/> List Item 5 |
| <input type="checkbox"/> Grade 6 | <input type="checkbox"/> Item 6 | <input type="checkbox"/> List Item 6 | <input type="checkbox"/> List Item 6 |
| see all | see all | see all | see all |

[More Filters](#)

3 4

NOTES

- 1. Filters Toggle**
Toggles visibility of the filters panel.
- 2. Filters Panel**
Displays filter elements.
- 3. Reset**
Deselects all selected filters.
- 4. Apply**
Applies the selection of the filters to search results.

DISPLAY N FILTERS - FILTER PANEL DEPLOYED

Find Resources

Search

Filters ▲

| Grade Level | Content Type | List 3 | List 4 |
|---|------------------------------------|--------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Grade 1 | <input type="checkbox"/> Video | <input type="checkbox"/> List Item 1 | <input type="checkbox"/> List Item 1 |
| <input checked="" type="checkbox"/> Grade 2 | <input type="checkbox"/> Audio | <input type="checkbox"/> List Item 2 | <input type="checkbox"/> List Item 2 |
| <input checked="" type="checkbox"/> Grade 3 | <input type="checkbox"/> Activity | <input type="checkbox"/> List Item 3 | <input type="checkbox"/> List Item 3 |
| <input type="checkbox"/> Grade 4 | <input type="checkbox"/> Worksheet | <input type="checkbox"/> List Item 4 | <input type="checkbox"/> List Item 4 |
| <input type="checkbox"/> Grade 5 | <input type="checkbox"/> Game | <input type="checkbox"/> List Item 5 | <input type="checkbox"/> List Item 5 |
| <input type="checkbox"/> Grade 6 | <input type="checkbox"/> Item 6 | <input type="checkbox"/> List Item 6 | <input type="checkbox"/> List Item 6 |
| see all | see all | see all | see all |

[More Filters](#)

[Reset](#) Apply

NOTES

1. Filter Category Name

Displays as illustrated. Text should be configurable.

2. List Item Check Box - Selected State

Allows users to select a list item. Indicates selected state.

3. List Item Check Box - Normal State

Allows users to select a list item. Indicates a non-selected state.

4. See All

Taps/Clicks on this element deploy the Filters Modal with data loaded that corresponds to the entry.

5. More Filters

Taps/Clicks on this element deploy the Filters Modal.

DISPLAY N FILTERS - FILTERS MODAL



NOTES

1. The Filters Modal

Displays filters.

2. List of Filter Groups

Displays a list of filter groups as illustrated.

3. List of Filter Elements

Displays a list of filter elements as illustrated.

4. Close Button

Closes the Filters Modal.

5. Selected(Active) Filters - Collapsed

Indicates number of filters selected. Expands to display selected filters.

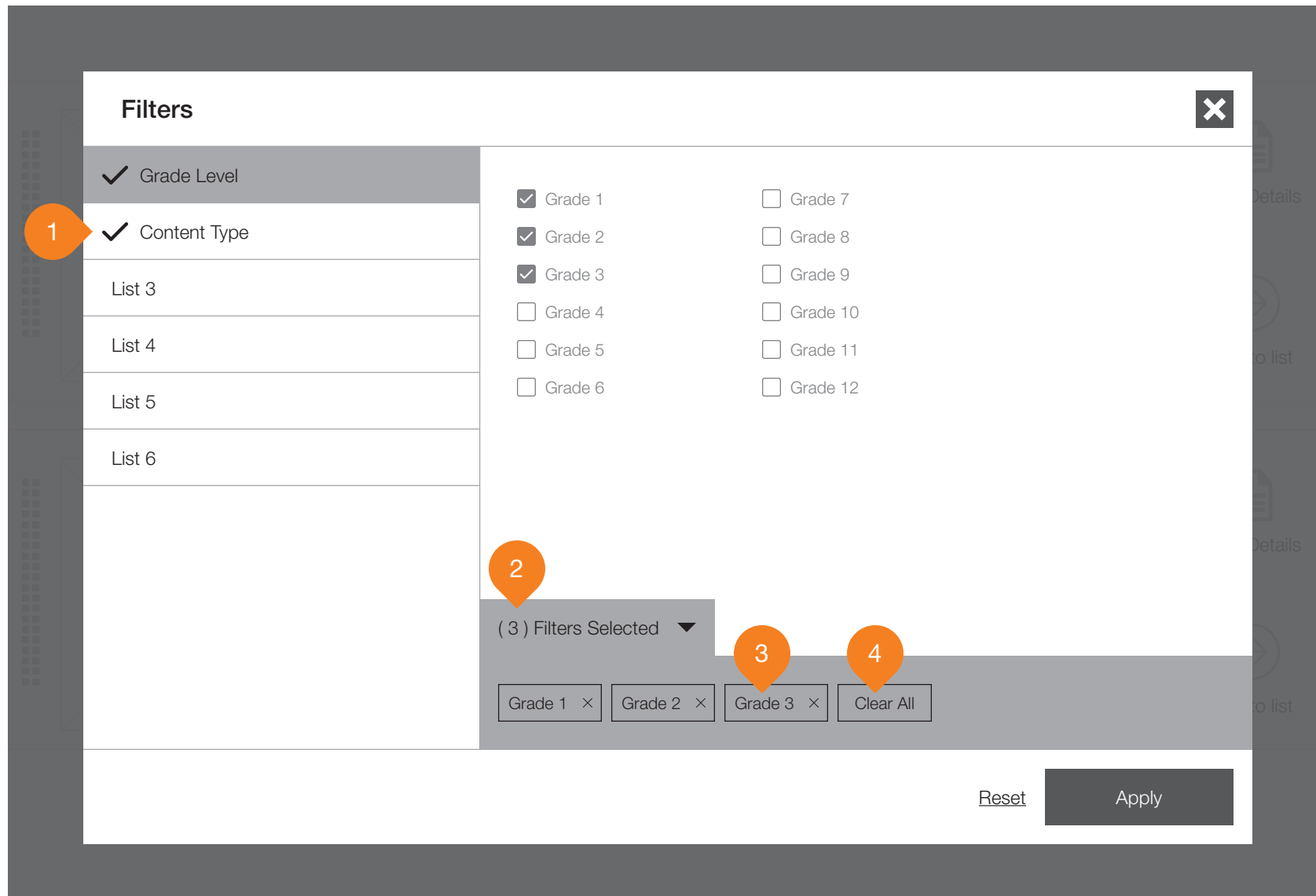
6. Reset

Deselects all filters.

7. Apply Button

Applies selected filters to the search results list.

DISPLAY N FILTERS - FILTERS MODAL - SELECTED FILTERS DEPLOYED



NOTES

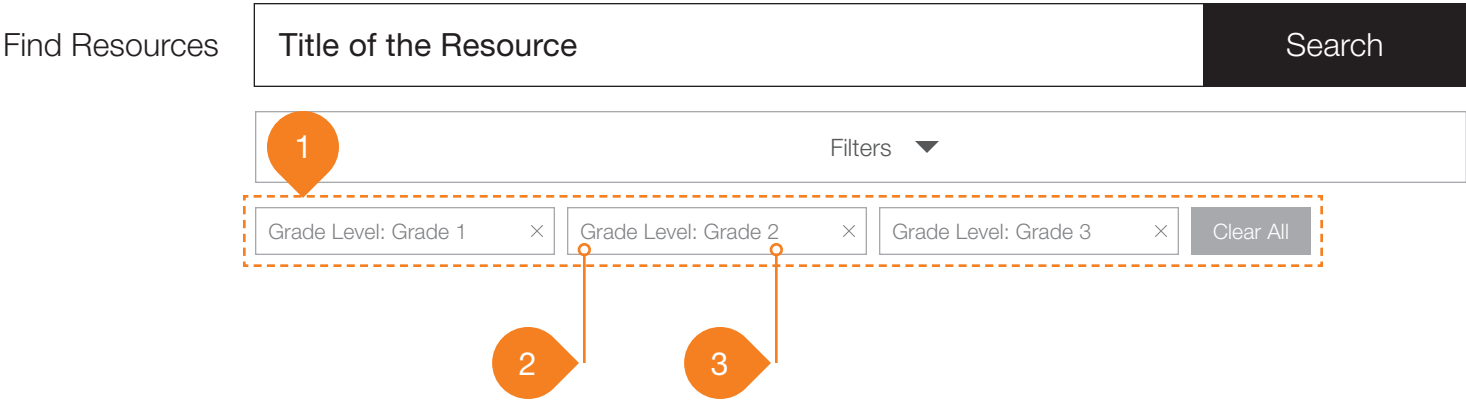
1. Selected(Active) Filters Applied
Indicates filters have been selected within the filter group as illustrated.

2. N Filters Selected - Expanded
Display selected filters as illustrated.

3. Selected(Active) Filters
Selected Filter Element display as illustrated. Taps/Clicks on this element remove it.

4. Clear All
Deselects all filters displayed within the Selected Filters element.

DISPLAY N FILTERS - SELECTED FILTERS DISPLAY



NOTES

- 1. Reflects All Selected Filters
- 2. Filter Group
- 3. Filter Element

USER STORY 4:
LAUNCH RESOURCES
FROM RESULTS LISTS

Launch Resources From Results Lists

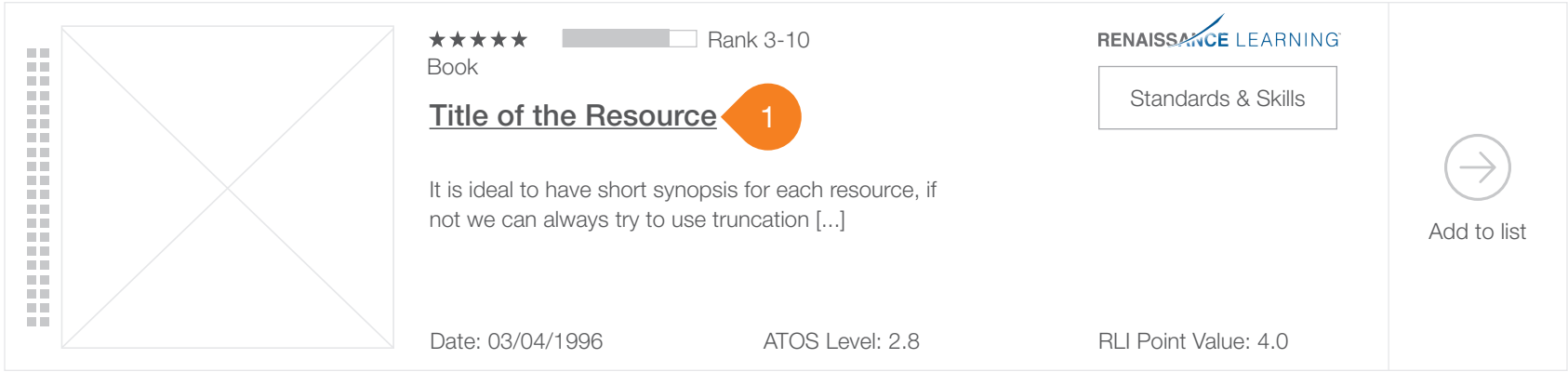
DESCRIBED IN USER STORY 4:

As a searcher, I want to be able to open any Resources that appear in the results list, so that I can determine whether I can use them or not.

ACCEPTANCE CRITERIA USER STORY A

- A resource should be selectable by touch, by keyboard and by mouse.
- The Control should send the Resource ID to the content viewing widget passed into the Control.

LAUNCH RESOURCES FROM RESULTS LISTS - TO VIEW DETAILS



The image shows a mockup of a resource card. On the left is a placeholder for a book cover, represented by a grid of dots and a square with an 'X'. To the right of the cover, there are five stars, a progress bar, and the text 'Rank 3-10'. Below this is the word 'Book'. The main title is 'Title of the Resource' with a red circle containing the number '1' next to it. A short synopsis follows: 'It is ideal to have short synopsis for each resource, if not we can always try to use truncation [...]'. At the bottom, there are three fields: 'Date: 03/04/1996', 'ATOS Level: 2.8', and 'RLI Point Value: 4.0'. On the right side of the card, there is the 'RENAISSANCE LEARNING' logo, a button labeled 'Standards & Skills', and a circular arrow icon with the text 'Add to list' below it.

NOTES

- 1. Resource Title/CTA
Clicks/Taps on this element(Resource Title) should send the resource ID to the content viewing widget passed into the control.

USER STORY 13:
SHOW RELATIONSHIP
OF A RESOURCE
TO LEARNING
PROGRESSION

Relationship of a Resource to Learning Progression

DESCRIBED IN USER STORY 13: SHOW RELATIONSHIP OF A RESOURCE TO LP

As a searcher, I want to be able to see how a Resource relates to the Learning Progression, so that I know how to use the Resource in lesson planning.

ACCEPTANCE CRITERIA USER STORY A

- Must employ the user's RP preference for Standard.
- Should show the top N standards associated with the resource.
- Should distinguish between a link to Standard directly and a link via the Skill.

ACCEPTANCE CRITERIA USER STORY B

- Must employ the user's RP preference for Standard, such that only Skills related to the relevant standard are displayed.
- Should show the top N Skills associated with the resource.

SHOW RELATIONSHIP OF A RESOURCE TO LEARNING PROGRESSION

★★★★★ Rank 3-10

Book

Title of the Resource

It is ideal to have short synopsis for each resource, if not we can always try to use truncation [...]

Date: 03/04/1996 ATOS Level: 2.8 RLI Point Value: 4.0

Standards & Skills

Add to list

Title of the Resource

Standards Skills

Standards

- [CCSS.ELA-LITERACY.RL.5.1](#)
- [CCSS.ELA-LITERACY.RL.5.2](#)
- [CCSS.ELA-LITERACY.RL.5.3](#)
- [CCSS.ELA-LITERACY.RL.5.4](#)
- [CCSS.ELA-LITERACY.RL.5.5](#)
- [CCSS.ELA-LITERACY.RL.5.6](#)
- [CCSS.ELA-LITERACY.RL.5.7](#)

Skills

Key Ideals and Details:

CCSS.ELA-LITERACY.RL.5.1
Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

CCSS.ELA-LITERACY.RL.5.2
Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.

CCSS.ELA-LITERACY.RL.5.3
Compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text (e.g., how characters interact).

Craft and Structure:

CCSS.ELA-LITERACY.RL.5.4
Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes.

NOTES

1. Standards/Skills CTA

Clicks/Taps on this element deploy the Standards/Skills Modal.

2. Standards/Skills Modal

Standards/Skills Modal displays as illustrated.

3. Tagged Standards/Skills List

List of all the Standards/Skills tagged with the resource. Displays as illustrated.

4. Detailed Content

Contains all details for each Standard / Skills tagged with the resource.

Content based from:
<http://www.corestandards.org/ELA-Literacy/RL/5/>

5. Close Button

Closes the modal window returning to the search results display.

USER STORY 14:
ENABLE UNIFIED
SEARCHING BY
KEYWORD,
STANDARD, SKILL

Unified Searching by Keyword, Standard, Skill

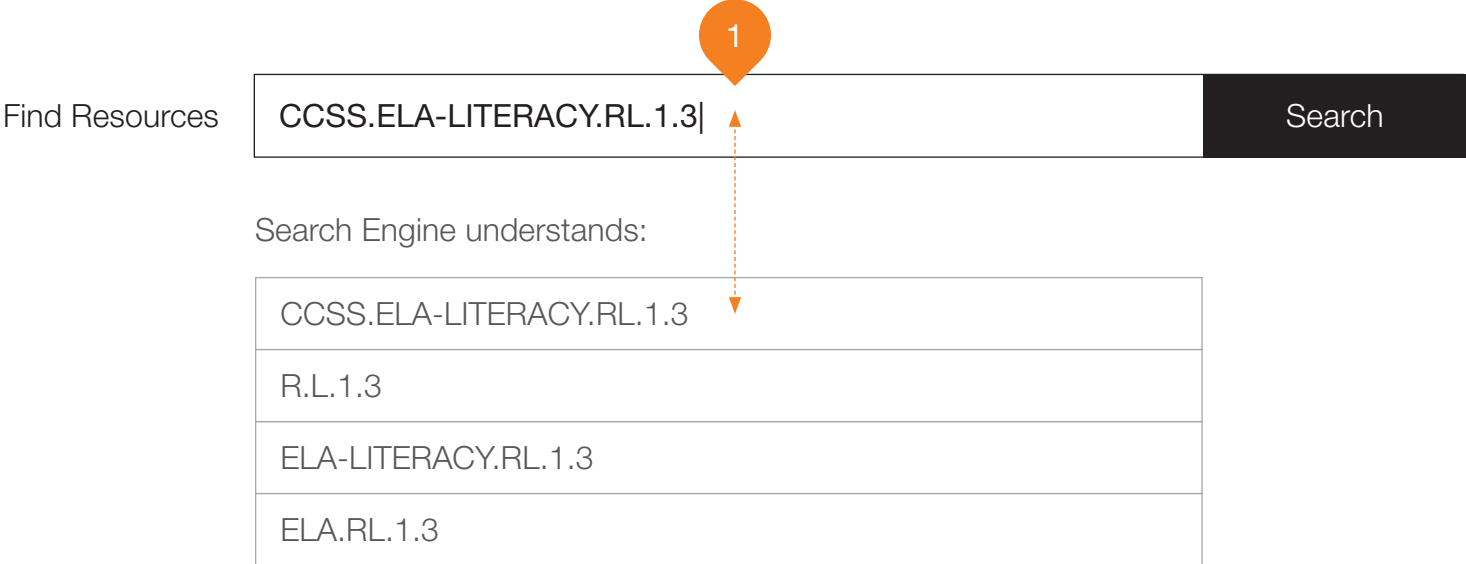
DESCRIBED IN USER STORY 14: UNIFIED SEARCHING BY KEYWORD, STANDARD, SKILL

As a searcher, I want to be able enter a Standard identifier, a skill identifier, and other structured information into the search and have it work, so that I do not have to fill out a complex form to get resources.

ACCEPTANCE CRITERIA USER STORY A

- Search understands the following:
 - CCSS.ELA-LITERACY.RL.1.3
 - RL.1.3
 - ELA-LITERACY.RL.1.3
 - ELA.RL.1.3

ENABLE UNIFIED SEARCHING BY KEYWORD, STANDARD, SKILL



NOTES

- 1. Search by Keyword, Standard, and Skill Identifiers
Allows users to search by CCSS, State Standard, RLI Skills Identifiers, or other structured info.

THANK YOU



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