


## KRA Quali Research Administration : Exercise 6


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This page last changed on Jan 26, 2008 by [bhutchinson](#).

 Exercise 6:  
Add a List to the webapp.


### Exercise Goal

At the end of this exercise, you should have a new tab - Special Review - in the webapp, and on this tab you should be able to add/edit/delete special review items from the special review list.

 The Struts components already exist and only need to be modified by you.

### Document class

1. Add a propSpecialReview List attribute to the ProposalDevelopmentDocument along with it's corresponding setters and getters
2. Make sure to initialize the list in the constructor
3. Add the list to the list of "deletion aware lists"

 The method to do this already exists and includes a comment that you need to replace with actual code.

### OJB Mapping


1. Add a collection-descriptor for the propSpecialReview List to the ProposalDevelopmentDocument class descriptor in the repository.xml file.

### Data Dictionary

1. Add the new tab to the ProposalDevelopmentDocument.xml data dictionary file


### Struts Action Form

1. add the newPropSpecialReview attribute (type ProposalSpecialReview) to the form along with it's corresponding setters and getters

 This attribute is used to handle new list items prior to being added to the list. Make sure you initialize this attribute in the Form's initialize() method.

### Struts Action Classes

1. replace the comments in the ProposalDevelopmentSpecialReviewAction.addSpecialReview() method with code to perform the stated action
2. replace the comments in the ProposalDevelopmentSpecialReviewAction.deleteSpecialReview() method with code to perform the stated action

 You can use the getLineToDelete() method to get the action item that you need to review from the list

## Struts Configuration: struts-config.xml

1. Add a forward in the proposalDevelopment\* action mapping for the special Review jsp

## JSP/.tag

1. ProposalDevelopmentSpecialReview.jsp - fill in htmlFormAction and documentTypeName in `<kul:documentPage />`
2. ProposalDevelopmentSpecialReview.jsp - Add `<kra-pd:proposalDevelopmentSpecialReview />` to display Required Fields panel
3. proposalDevelopmentSpecialReview.tag - Fill in missing components for `<kul:htmlAttributeLabel />` and `<kul:htmlControlAttribute />` tags

## Try it out

1. Start the webapp
2. Point your browser at <http://localhost:8080/kralite-dev>
3. You should have the special review tab with the ability to add/edit/delete from the special review list and save the list with the document.