

**Altair® Monarch Server™ v2024.0**  
**CONTENT LESSONS CONSTRUCTOR**  
**MANUAL**

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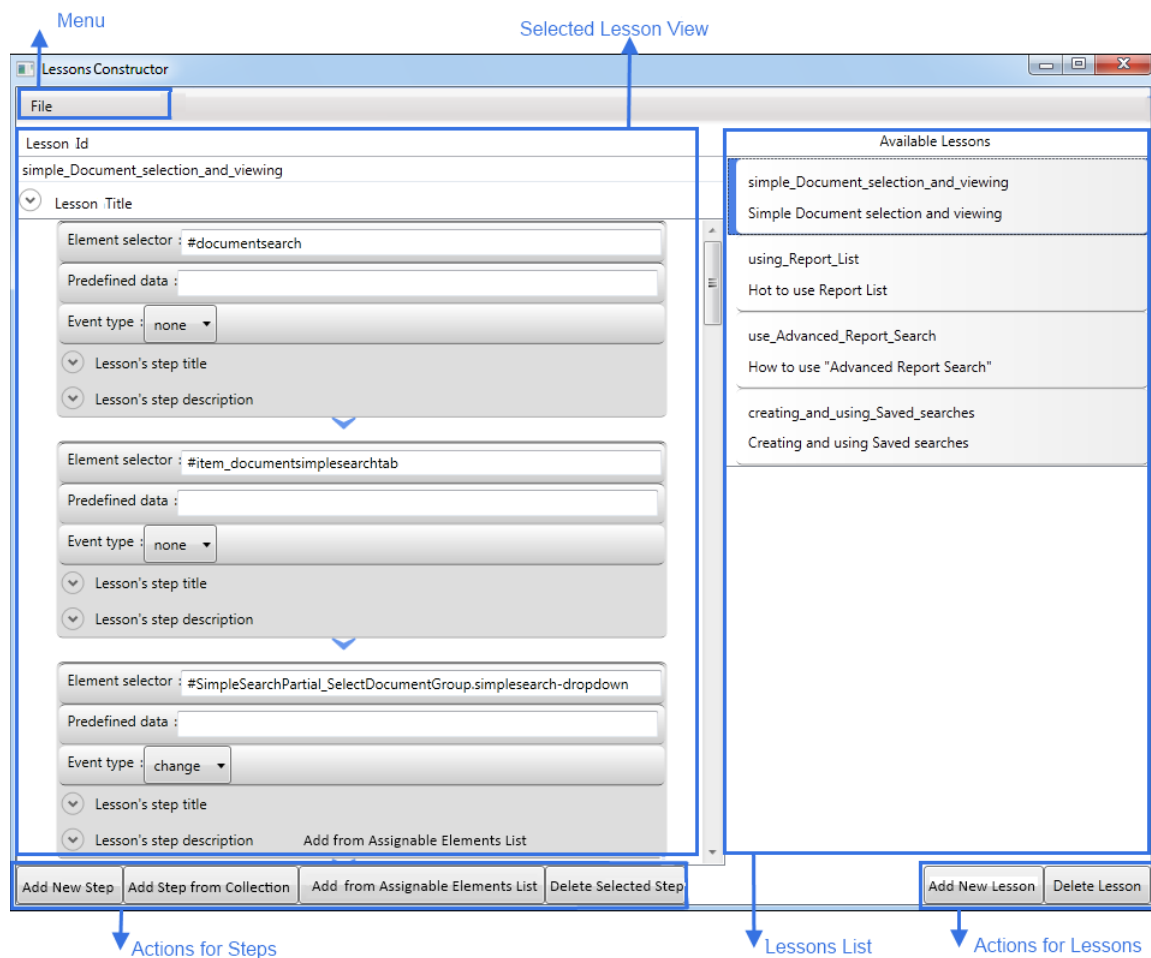
# OVERVIEW

This manual provides instructions for creating and editing lessons that instruct users on what to do next to make their use of the Monarch Server Client application easy.

## MAIN WINDOW STRUCTURE

The main window of Constructor contains the following elements:

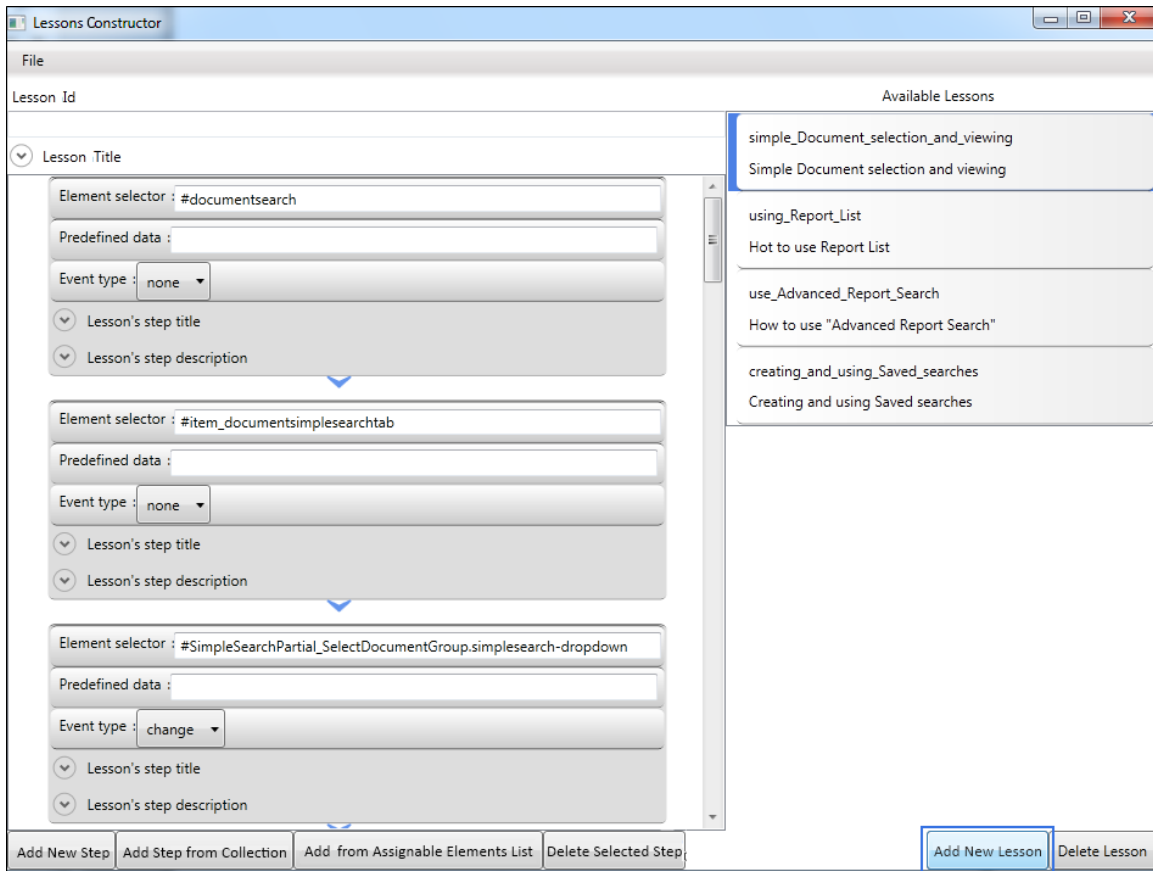
- ❑ Menu
- ❑ Selected Lesson View
- ❑ Available Lessons List
- ❑ Buttons indicating actions for steps
- ❑ Buttons indicating actions for lessons



# ADDING A NEW LESSON

To add a new lesson

1. Click the **Add New Lesson** button.



2. In the **Add New Lesson** dialog box, define the lesson ID and title.

Add New Lesson

Lesson's identificator

Your Lesson ID

Lesson's title

|       |                   |
|-------|-------------------|
| en-US | Your Lesson Title |
| de-DE |                   |
| fr-FR |                   |

Save

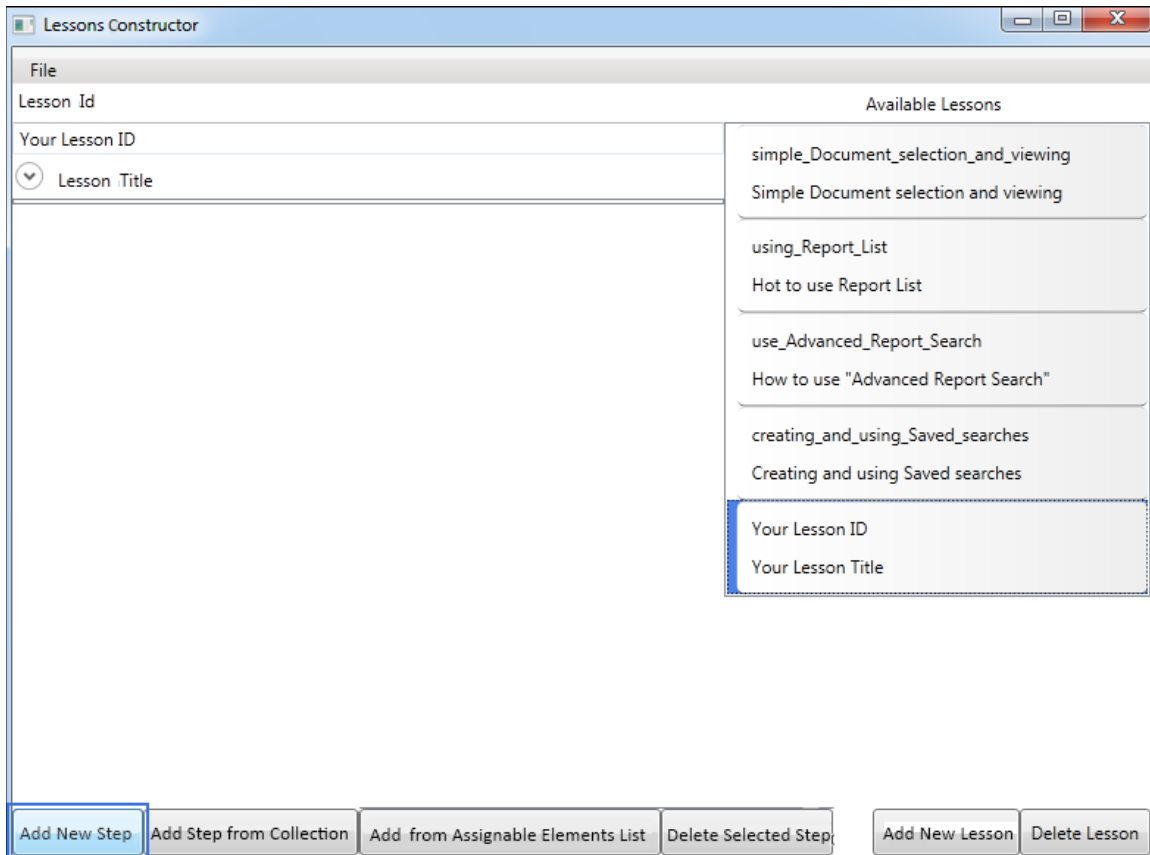
3. Click **Save**.

# ADDING A NEW STEP

When creating a lesson, you can add new steps or select steps from the collection that has already been added.

## To add a new step

1. Click the **Add New Step** button.



2. In the Add New Lesson's Step dialog box:
  - Define the element selector (use only the API for JQuery selectors <http://api.jquery.com/category/selectors/>).
  - Specify predefined data (inserted automatically by Constructor).
  - Select the event type from the following options:
    - ♦ **None** (i.e., the lesson's step is shown when the element selector is visible)
    - ♦ **Change** (i.e., the lesson step displays when the value of the element selector is changed)
    - ♦ **Enterpress** (i.e., the lesson step displays when the browser registers an "Enter" key input for the element selector).
  - Enter the lesson's step title.
  - Enter the lesson's step description.

Element selector : #elementSelector

Predefined data :

Event type :

Lesson's step title

Lesson's step description

Save

3. Click **Save**.
4. Move the created step to the appropriate position.

#### To add a step from collection

1. Click the Add Step from Collection button.
2. In the *Add New Steps from Collection* dialog box, select the step.

Search

Element selector : #documentsearch

Predefined data :

Event type : none ▾

Lesson's step title

Lesson's step description

Element selector : #item\_documentsimplesearchtab

Predefined data :

Event type : none ▾

Lesson's step title

Lesson's step description

Element selector : #SimpleSearchPartial\_SelectDocumentGroup.simplesearch-dropdown

Predefined data :

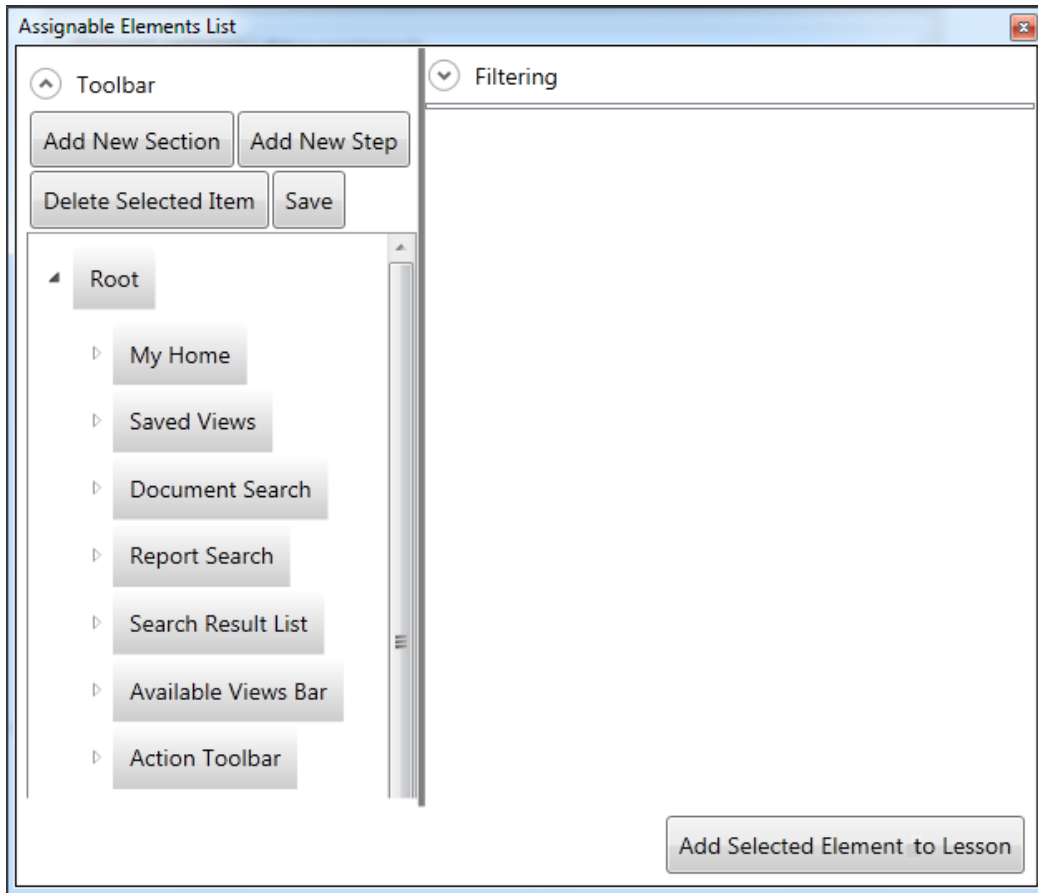
Add to Lesson

3. Click the **Add to Lesson** button.

#### To add a step from assignable elements list

1. Click the Add from Assignable Elements List button.
2. In the upper left corner of the *Assignable Elements List* dialog box, click the drop-down arrow to view the toolbar.





3. From the section list in the left side of the window, select the step you want to add.
4. Click the Add Selected Element to Lesson button.

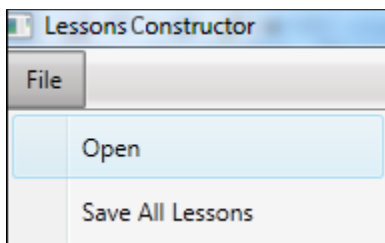
# EDITING AN EXISTING LESSON

You can edit lessons that you created in the Constructor or downloaded from your computer.

## OPENING A FILE

To open a file with lessons you want to edit

1. On the **File** menu, select **Open**.



2. In the **Open File** dialog, select the file with lessons (file path:  
`C:\Inetpub\wwwroot\MSClient\Scripts\Custom\Lessons.js`).

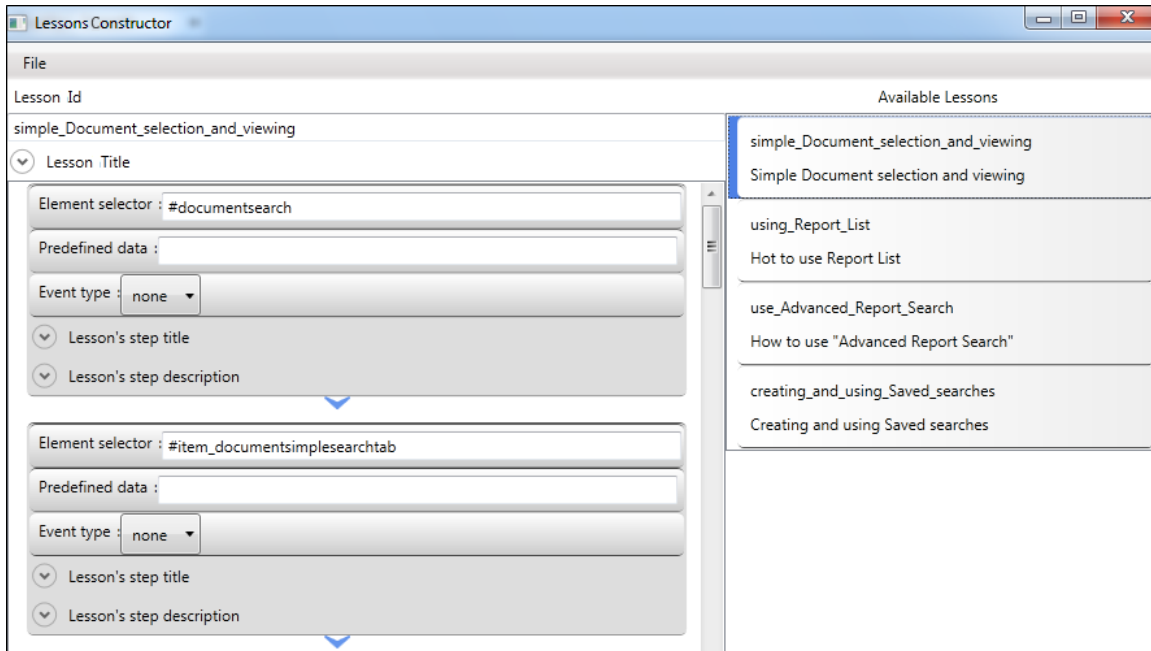
**NOTE** In Monarch Server v2020.0 that is upgraded from previous versions (e.g., v13.2), the virtual folders could still be labeled as "DSCClient" (or "DSAdmin"). In this case, use "DSCClient" (or "DSAdmin") instead of "MSClient" (or "MSAdmin") in the file path.

3. The list of available lessons appears in the right side of the window.

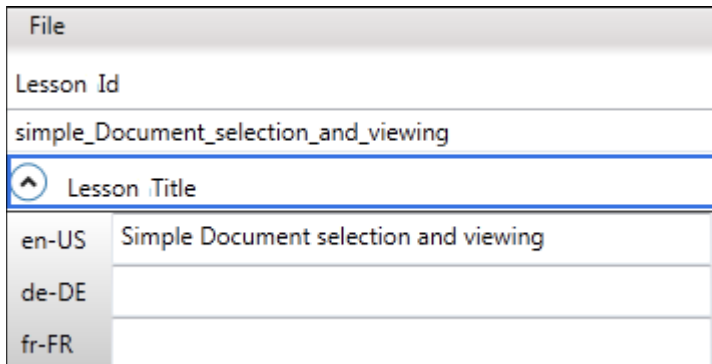
## OPENING A LESSON

To open a lesson

1. From the **Available Lessons** list, select a lesson.
2. The selected lesson opens in the left side of the window.



3. Click the drop-down arrow by the **Lesson Title** to enter localized string value.



## MOVING A STEP

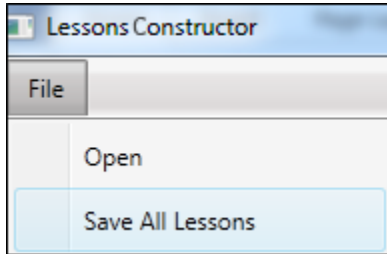
To change the order of steps in the lesson

1. Select the lesson step you want to move.
2. Click the step you want to move with the left and right mouse buttons simultaneously and drag it to the appropriate position.

# SAVING LESSONS

To save the changes

On the **File** menu, select **Save All Lessons**.

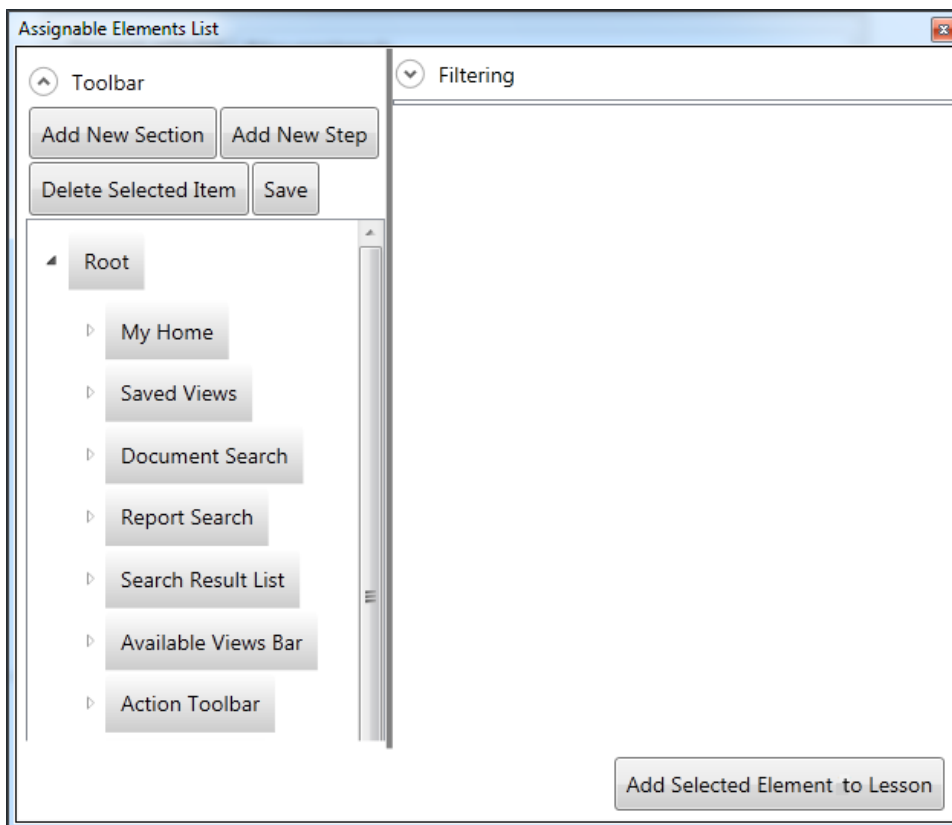


# MANAGING ASSIGNABLE ELEMENTS

Each item of the **Assignable Elements List** is associated with a corresponding tab, toolbar, view, or menu of the Monarch Server Client application.

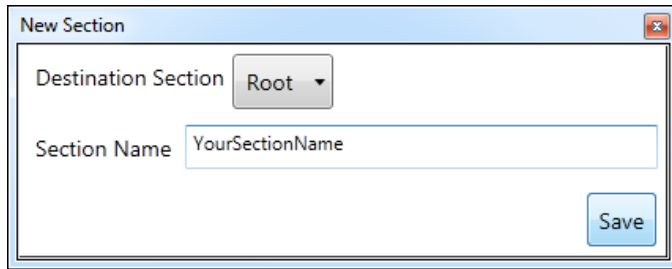
To open the assignable elements list

1. Click the Add from Assignable Elements List button.
2. In the **Assignable Elements List** dialog box, click the **Toolbar**.



To add a new section to the elements list

1. Click the **Add New Section** button. The **New Section** dialog box appears.
2. From the drop-down list, select the destination section.



The image shows a 'New Section' dialog box. It has a title bar with the text 'New Section' and a close button (X). The main area contains two fields: 'Destination Section' with a dropdown menu showing 'Root', and 'Section Name' with a text input field containing 'YourSectionName'. A 'Save' button is located at the bottom right of the dialog.

3. Enter section name and click **Save**.
4. Click **Save** on the toolbar.

#### To add a new step to section

1. Click the **Add New Step** button.
2. Fill in the necessary fields. For details, see [Adding a New Step](#), point 2.
3. Click **Save** on the toolbar.

#### To use filtering

1. Click **Filtering** to expand the field.
2. Enter part of the step title or element selector name of the step you want to find and click **Filter**.

#### To delete element from the list

1. Select the element you want to delete.
2. Click the **Delete Selected Item** button.
3. Click **Save** on the toolbar.

#### To add an element to lesson

For details, refer to [adding a step from assignable elements list](#).

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