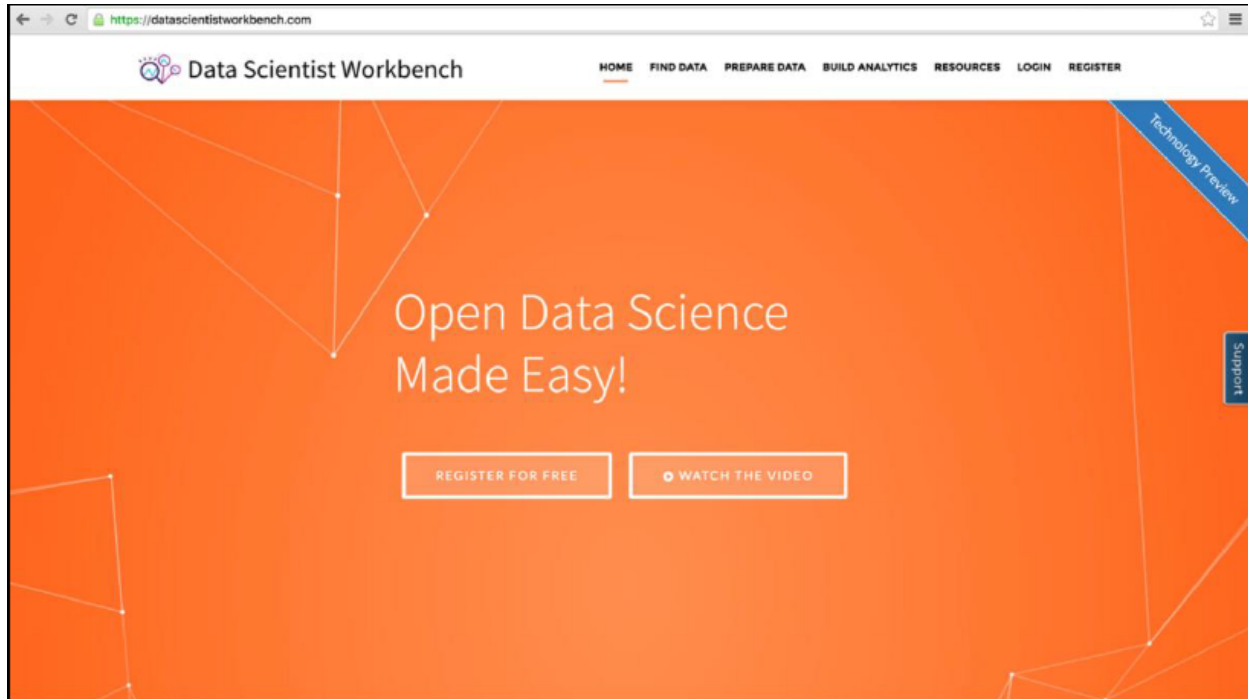




Lab: Introducing Seahorse

This Lab must be done on the Data Scientist Workbench. If you have not signed up yet, go to datascientistworkbench.com and click SIGN UP FOR FREE. Then login (2nd link from the right):





Contents

LAB 1	INTRODUCING SEAHORSE	3
	1.1 GETTING STARTED WITH SEAHORSE	4
	1.2 SUMMARY	4
	1.3 GETTING STARTED WITH SEAHORSE - SOLUTIONS.....	5



Lab 1 Introducing Seahorse

After completing this hands-on lab, you will know:

- How to open and navigate within Seahorse
- How to create and upload workflows
- How to export or download workflows
- How to clone and edit workflows
- How to run workflows
- How to clear workflows
- How to zoom in and zoom out in a workflow
- How to move nodes or fit them all in the visible area

Allow 30 minutes to complete this section of the lab.

NOTE: This is a guided Lab. Solutions are found at the end of this document



1.1 Getting Started with Seahorse

- __1. Open Seahorse
- __2. Create a workflow
- __3. Upload a workflow
- __4. Export or download a workflow
- __5. Clone a workflow
- __6. Edit a workflow
- __7. Run a workflow
- __8. Clear a workflow
- __9. Zoom in and Zoom out of a workflow
- __10. Move and fit the nodes in the visible work area

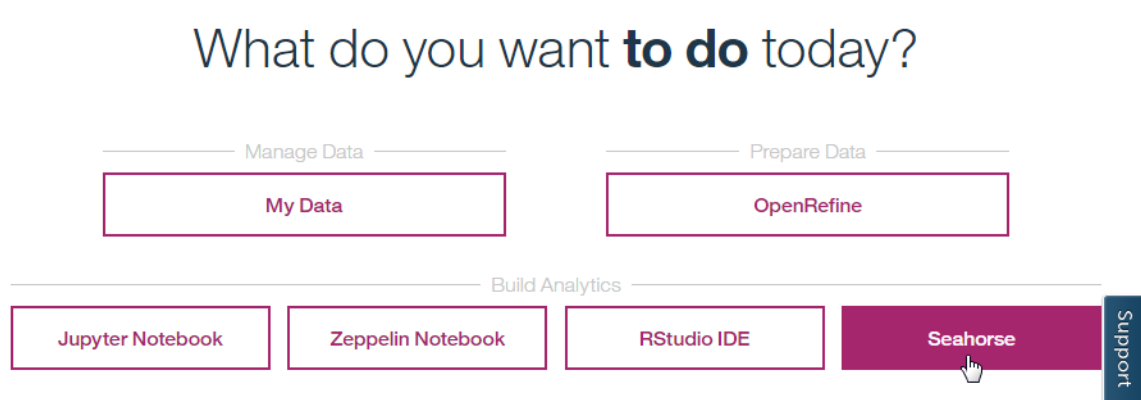
1.2 Summary

Congratulations! ...

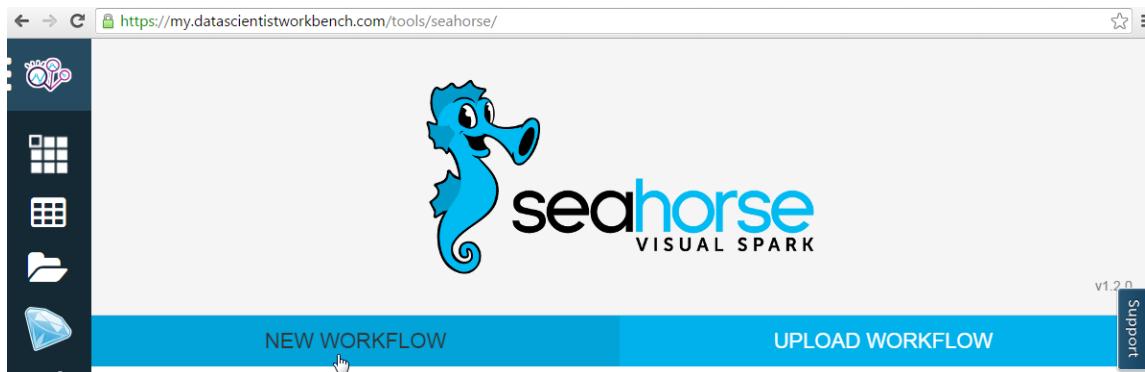


1.3 Getting Started with Seahorse - Solutions

- ___1. **Open Seahorse:** To open Seahorse, login to datascientiseworkbench.com and click **Seahorse** on the DSWB workspace:



- ___2. **Create a new workflow:** Click the New Workflow bar on the main Seahorse page:



On the window that opens, give the workflow a name and description and click Create.

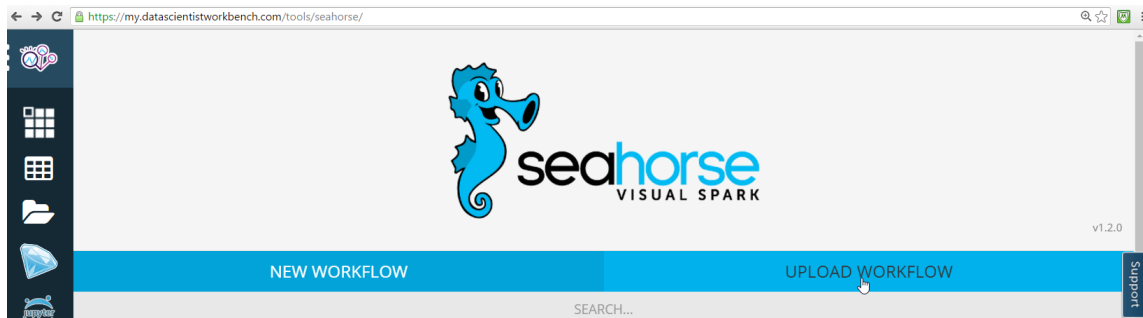
New workflow

Name:

Description:

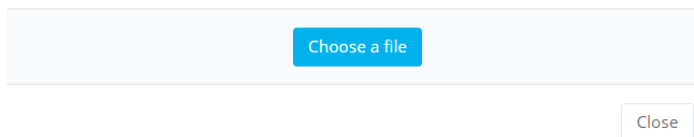


- __3. **Upload a workflow:** Click the Upload Workflow bar on the main Seahorse page:

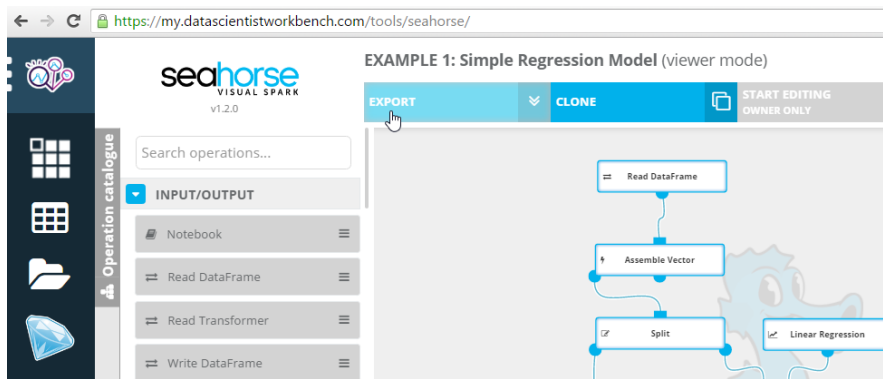


Then click **Choose a file** to upload (must be .json extension):

Upload Workflow

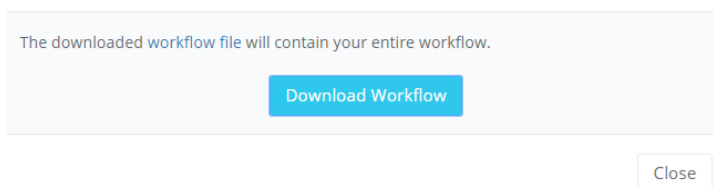


- __4. **Export a workflow:** From the seahorse workspace click the **Export** button:



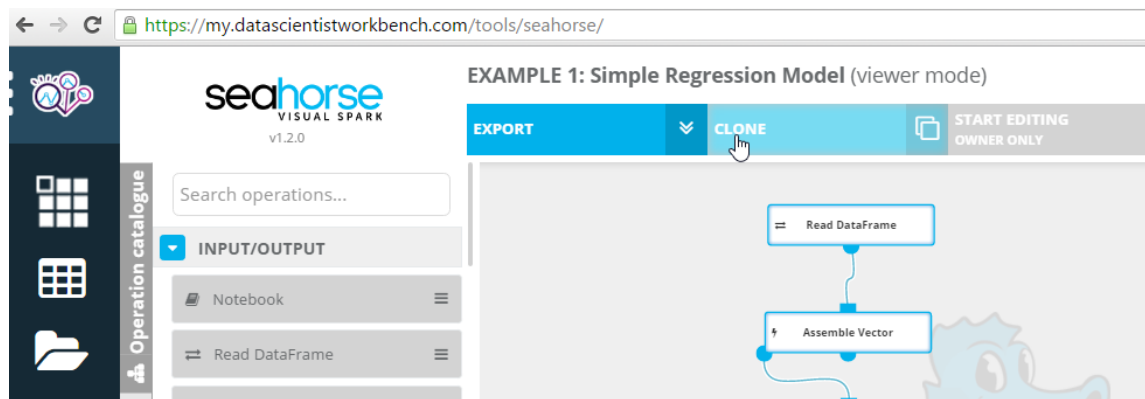
On the window that opens, click the Download button (the workflow downloads to your default downloads folder):

Export workflow





__5. **Clone a workflow:** From the seahorse workspace click the **Clone** button:



On the window that opens, change the name/description and click Clone workflow:

Clone workflow - EXAMPLE 1: Simple Regression Model

Workflow clone name

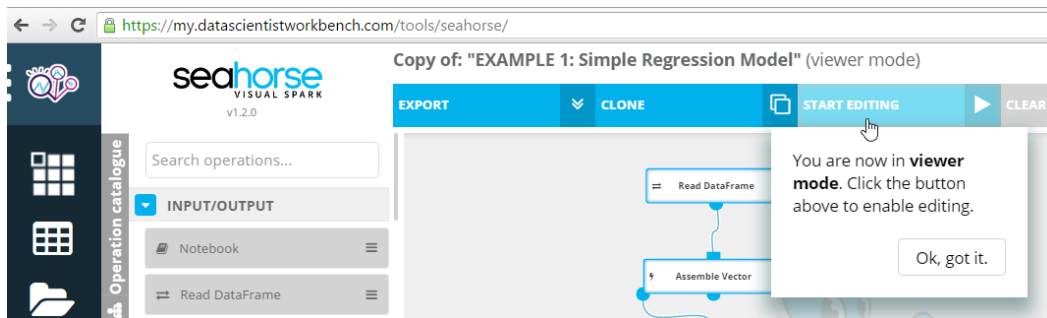
Description

Close

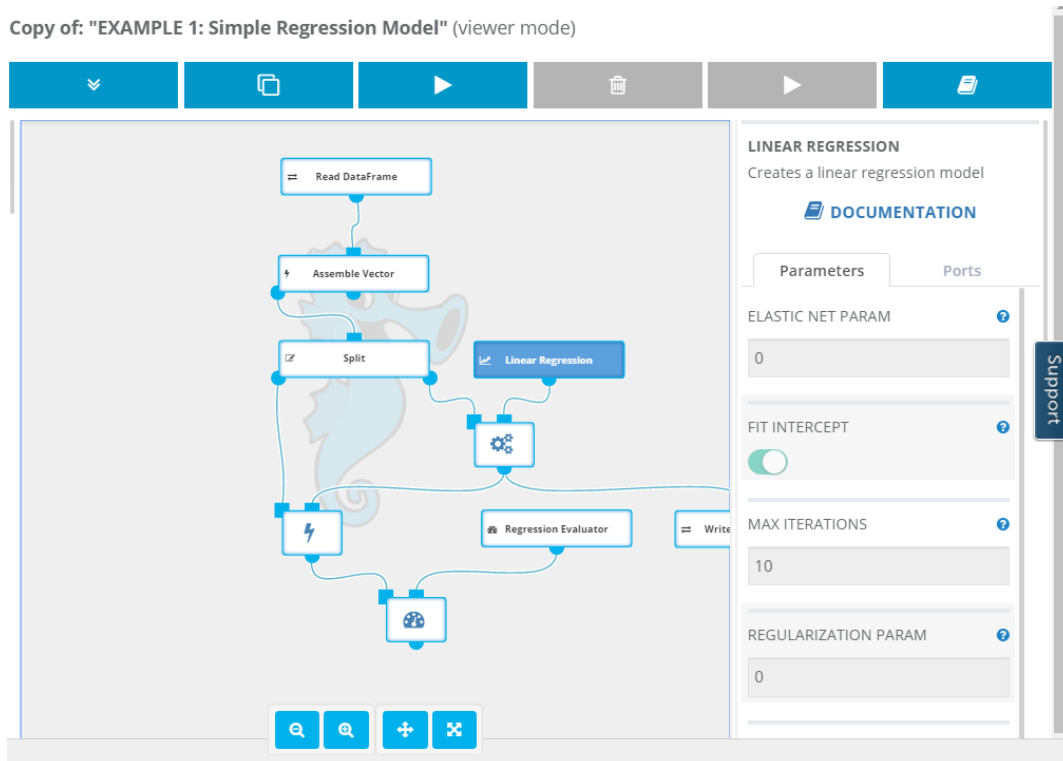
Clone workflow



__6. **Edit a workflow:** Can only edit a new or cloned workflow; click the **Start editing** button:



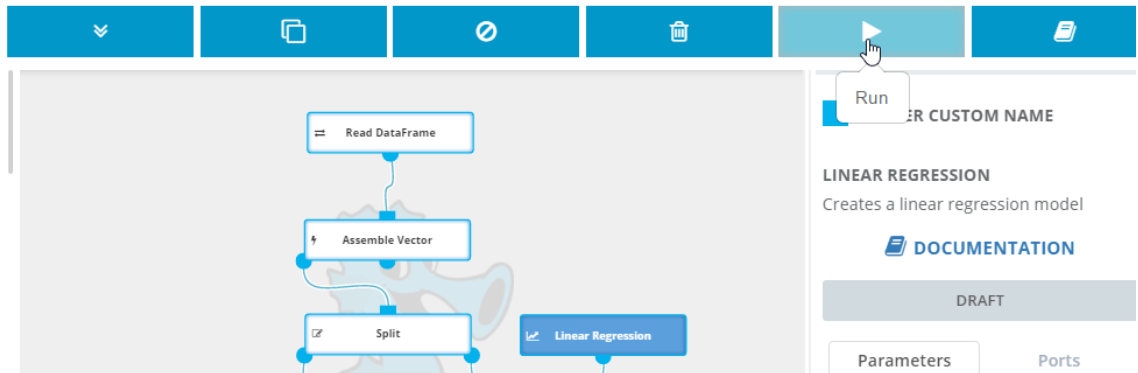
To edit any of the nodes, click on them and edit the parameters or ports on the right pane:





__7. **Run a workflow:** *Can only run while in edit mode; click the Run button:*

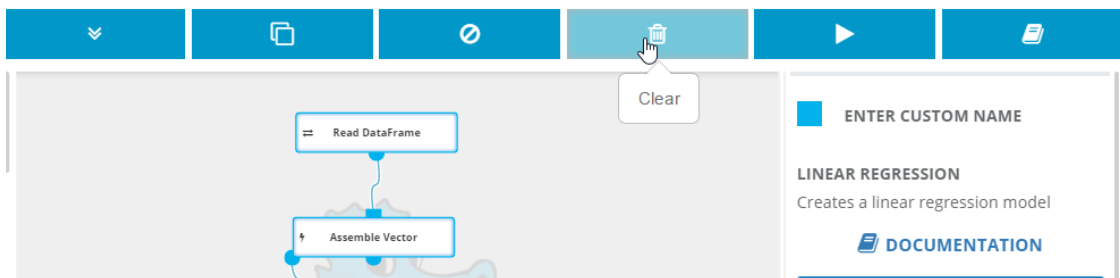
Copy of: "EXAMPLE 1: Simple Regression Model"



Gears will display and the notebook will run.

__8. **Clear a workflow:** Click the clear button:

Copy of: "EXAMPLE 1: Simple Regression Model"



You will be prompted for a confirmation because this action cannot be undone:

Are you sure to proceed?

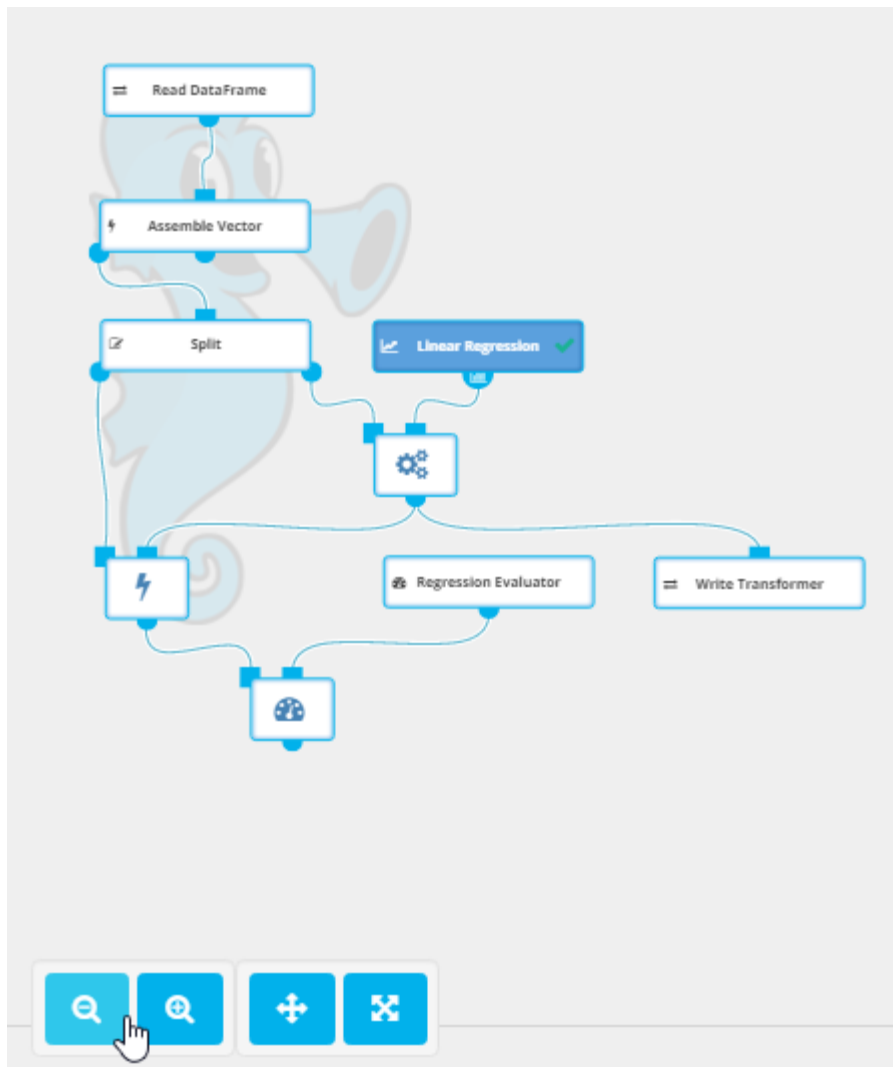
The operation clears the whole workflow graph and it cannot be undone afterwards.

Cancel

OK

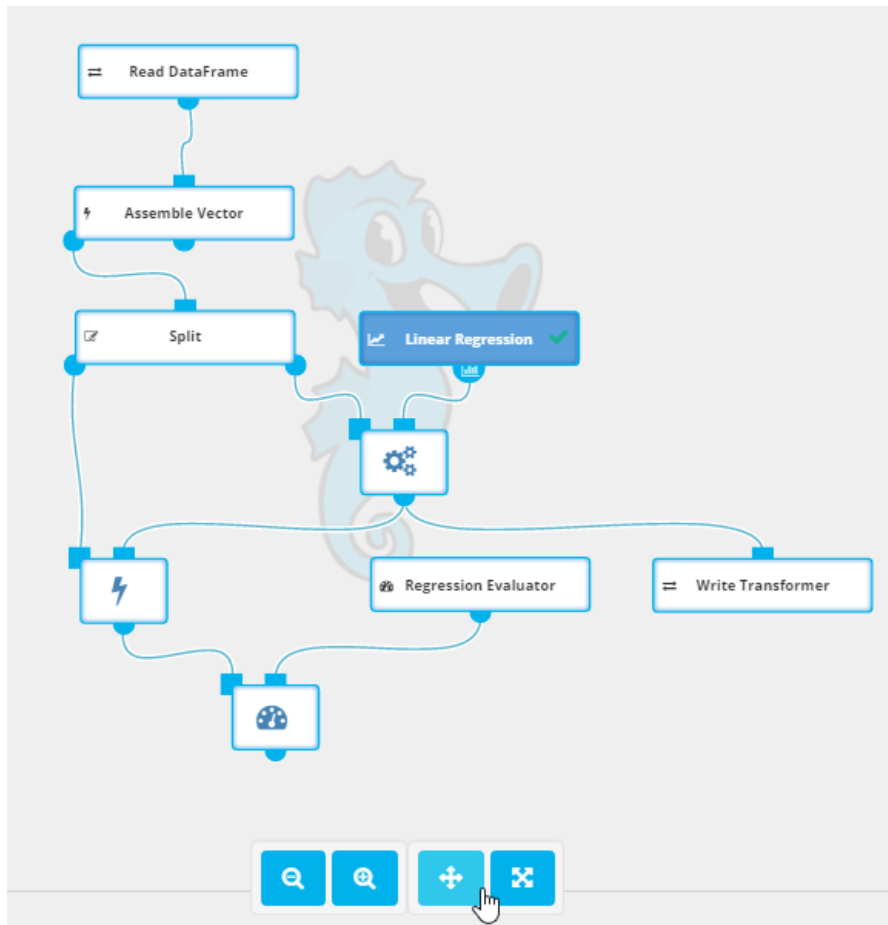


- ___9. **Zoom in and Zoom out of a workflow:** Click the two buttons on the left (bottom center):





- __10. **Move the nodes or fit them all in the visible work area:** Click the two buttons on the right (bottom center):



To move a node in the visible area, click on the node and drag it to a new position:

