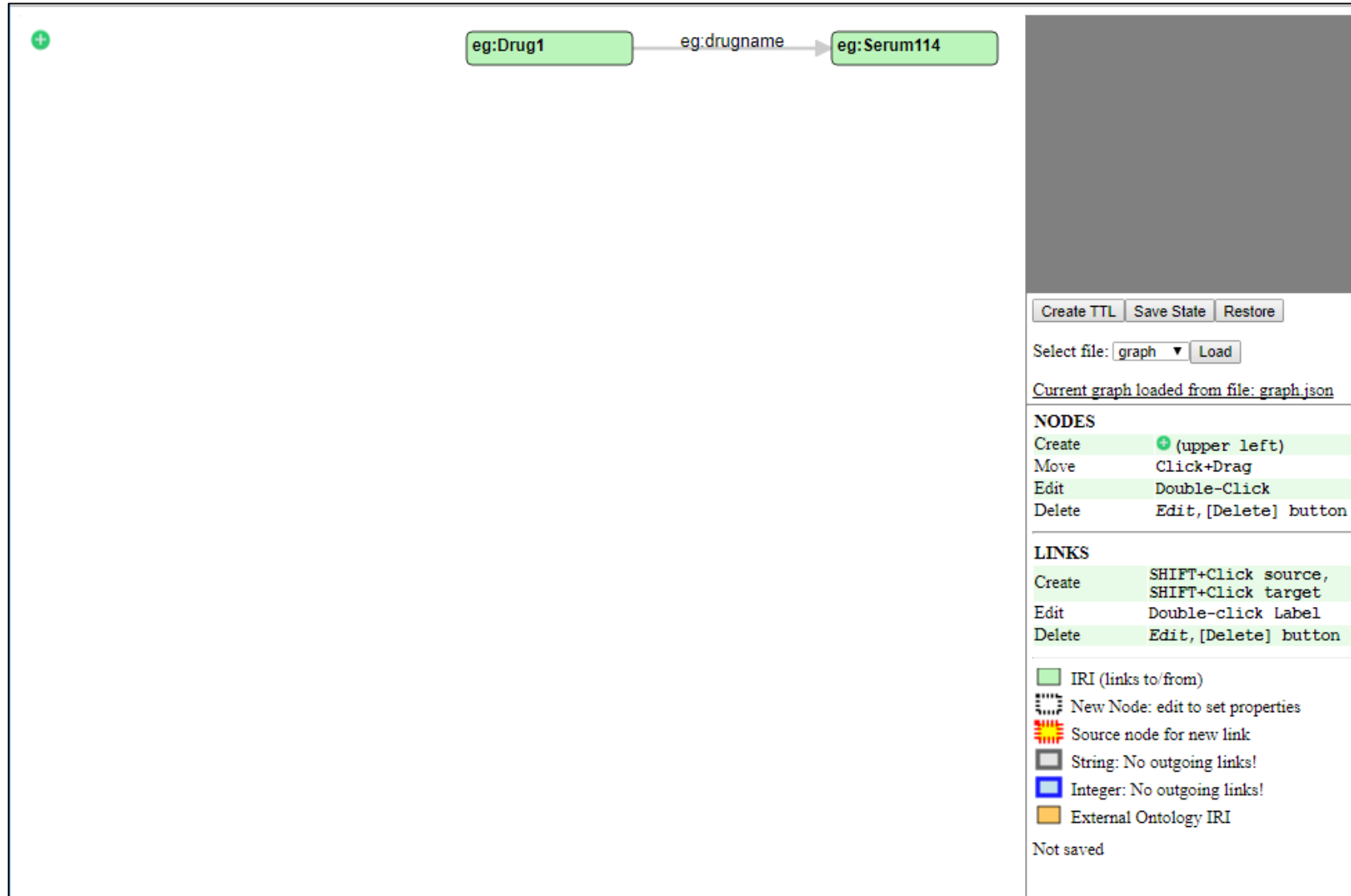


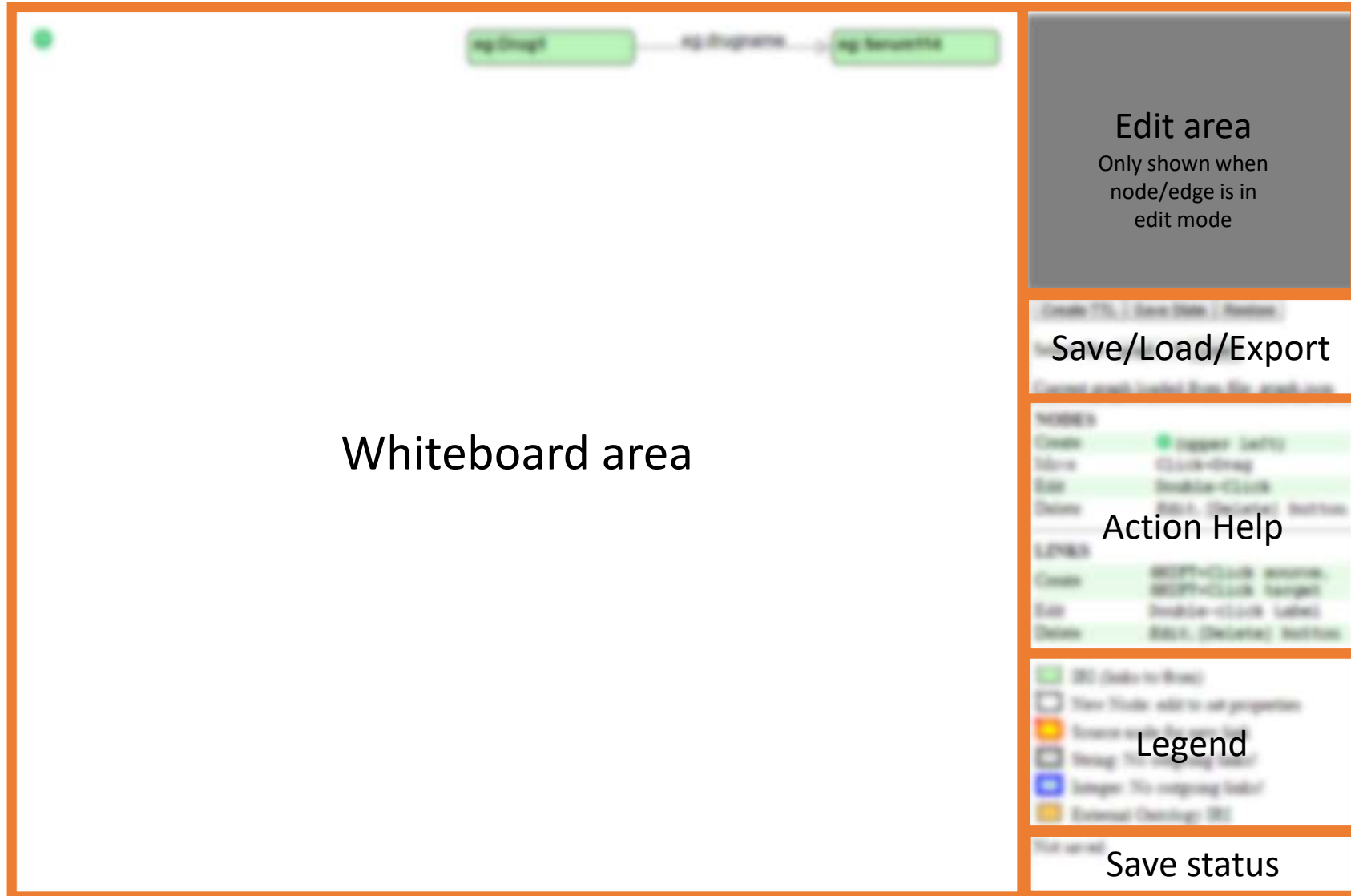
GraphEditor Introduction

Phuse CSS March 2018

User interface – Start view




User interface – Start view



Functions

- Nodes

- [Add node](#)

 (upper left)

- [Edit node](#)

Double-Click

- [Delete node](#)

Edit, [Delete]
button

- Links

- [Create link](#)

SHIFT+Click source,
SHIFT+Click target

- [Edit link](#)

Double-click Label

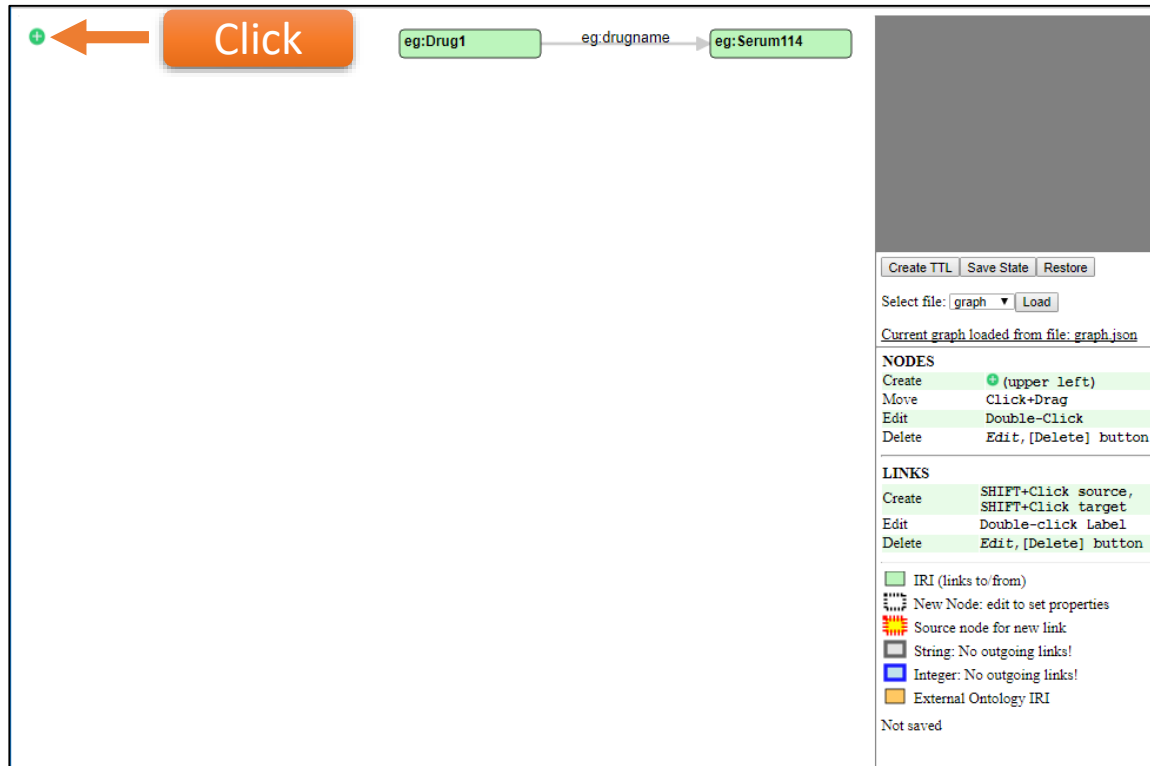
- [Reverse link direction](#)

- [Save/Load/Export the graph](#)

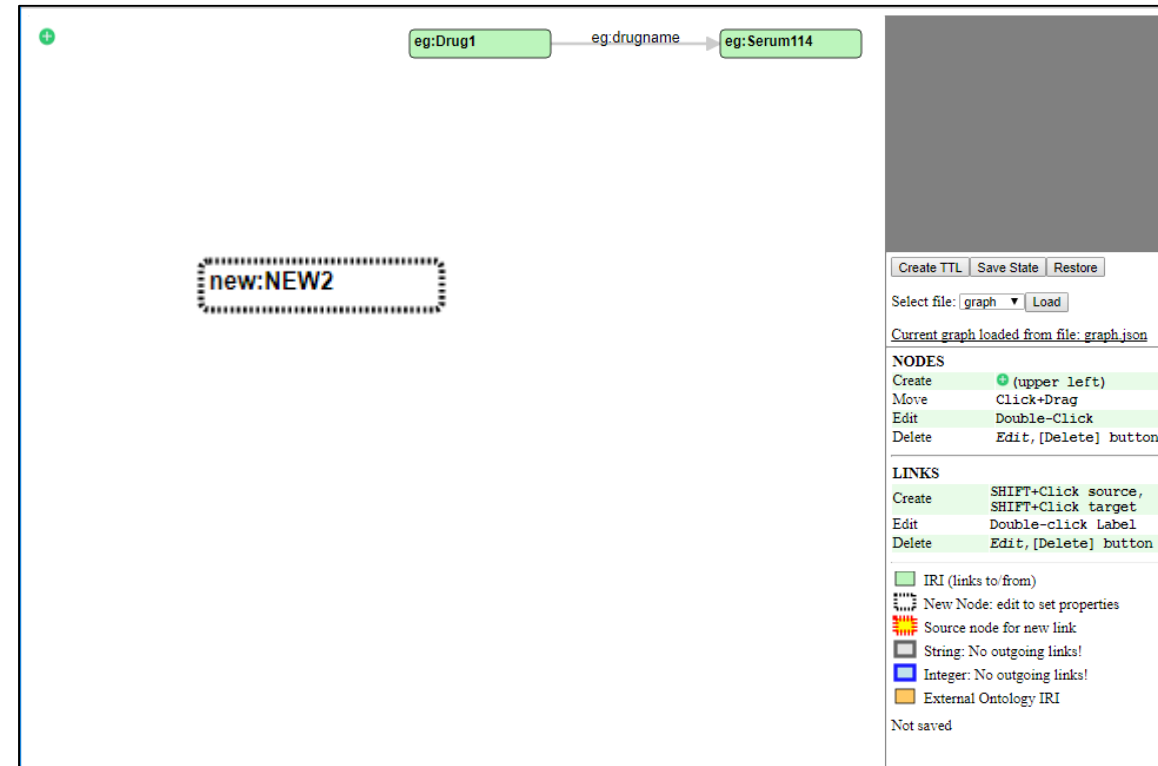
- Save as file (JSON and TTL)
- Save current state
- Restore
- Load pre-configured graph

Add node

1. Click  in upper left corner

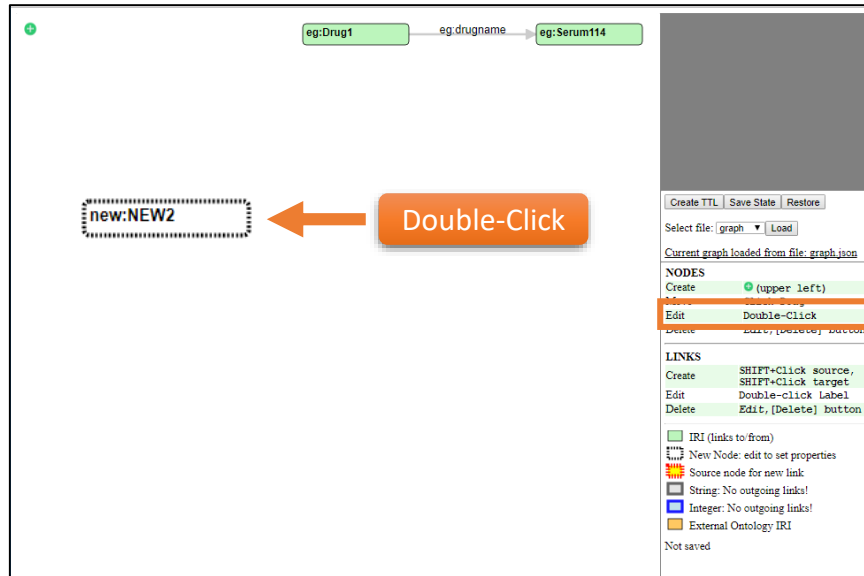


2. A new node is created on the whiteboard

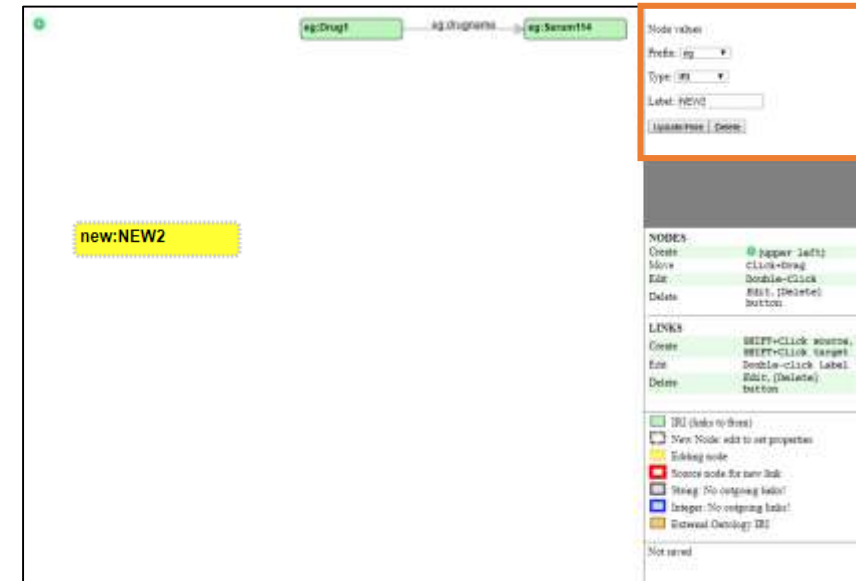


Edit node

1. Double click a node to get into edit mode



2. Node is highlighted and the edit area is displayed



3. In edit area:

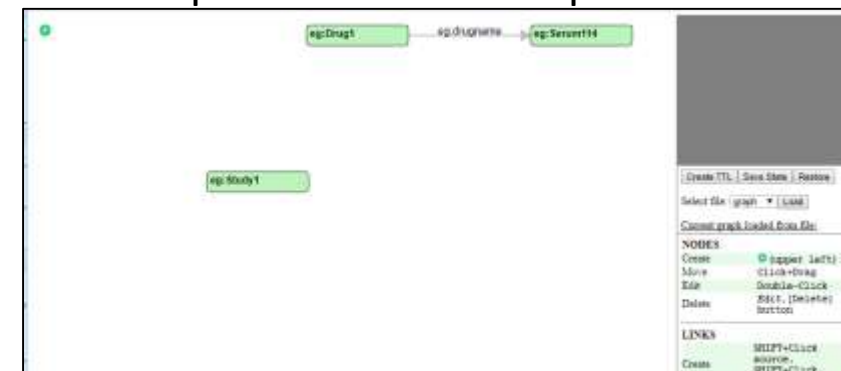
- Select *Prefix*
- Select *Type*
- Type in *Label*

The close-up shows the 'Node values' section with the following fields and buttons:

- Prefix:
- Type:
- Label:
-
-

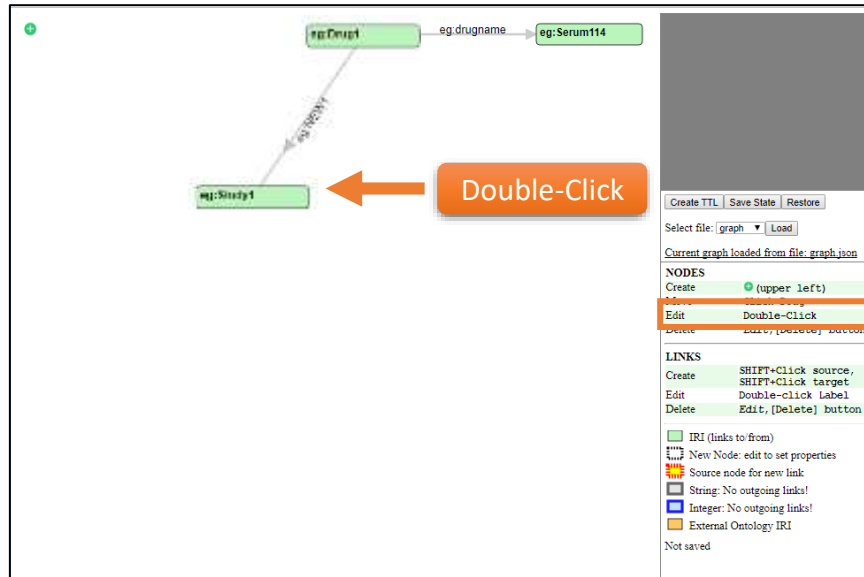
Click *Update/Hide* to save changes

4. Node prefix and label is updated

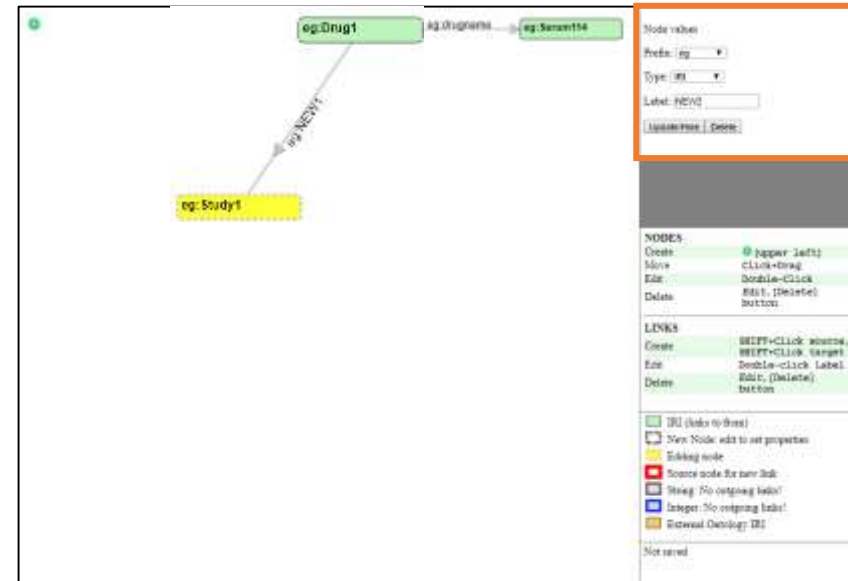


Delete node

1. Double click a node to get into edit mode



2. Node is highlighted and the edit area is displayed



3. Click *Delete*

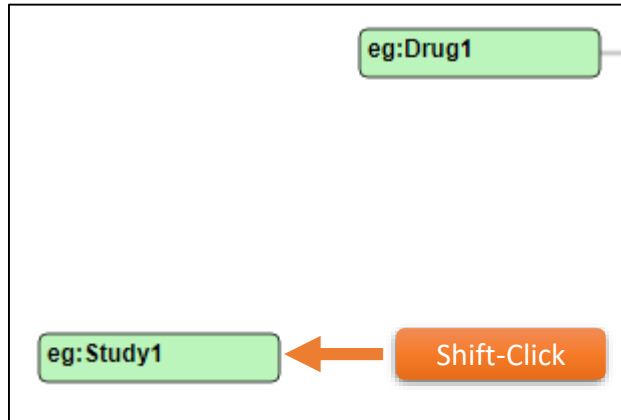
The close-up shows the 'Node values' section of the sidebar. It contains three input fields: 'Prefix: eg', 'Type: IRI', and 'Label: Study1'. Below these fields are two buttons: 'Update/Hide' and 'Delete'. The 'Delete' button is highlighted in orange.

3. The node and any attached links are removed

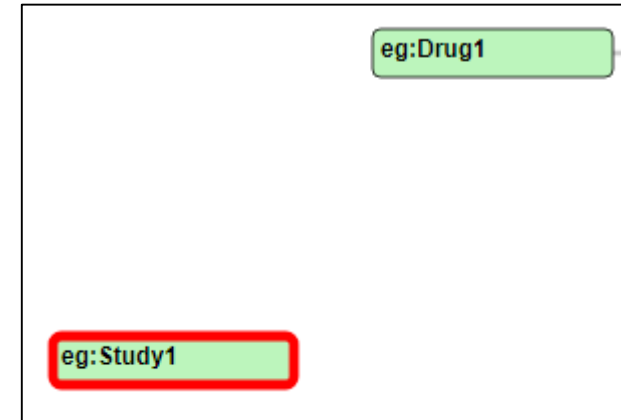


Create link

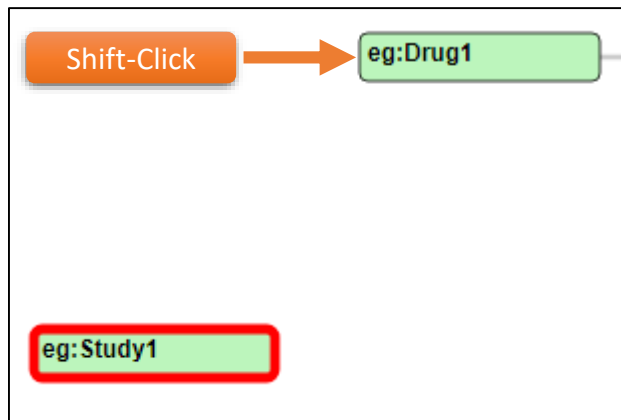
1. Shift+click a node to select it as source of link



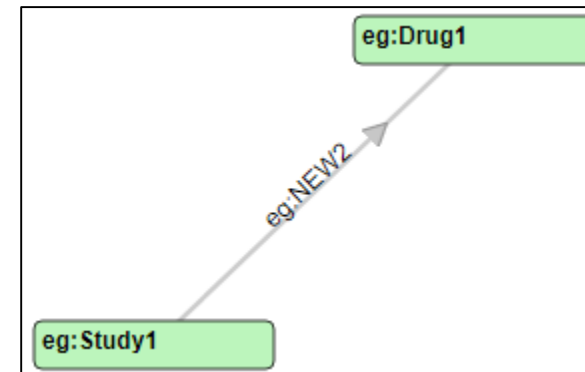
2. Node is highlighted



3. Shift click the target link

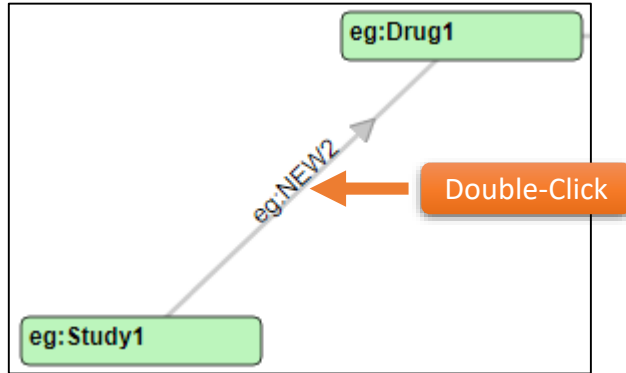


4. Link is created

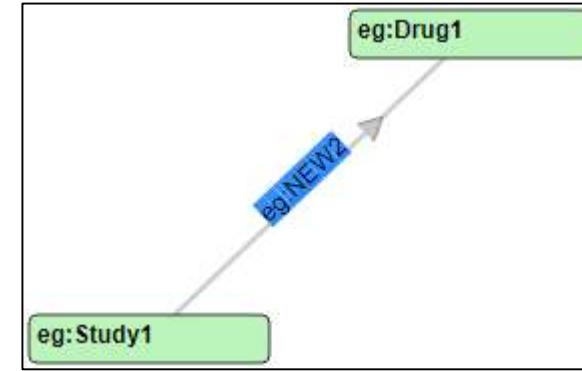


Edit link

1. Double click a link to get into edit mode



2. Edge label is highlighted and the edit area is displayed



3. In edit area:

- Select *Prefix*
- Type in *Label*

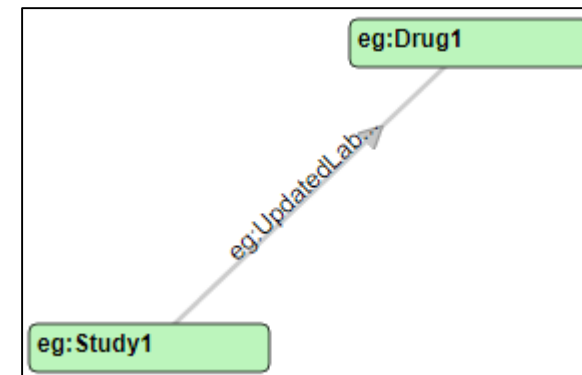
Link values

Prefix:

Label:

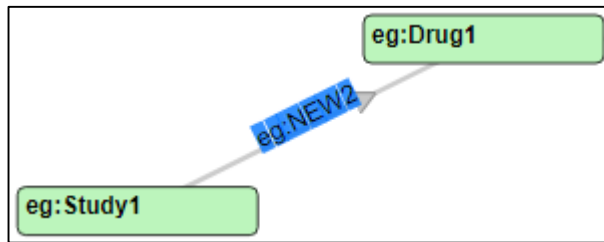
Click *Update/Hide* to save changes

4. Node prefix and label is updated



Edit link – reverse link direction

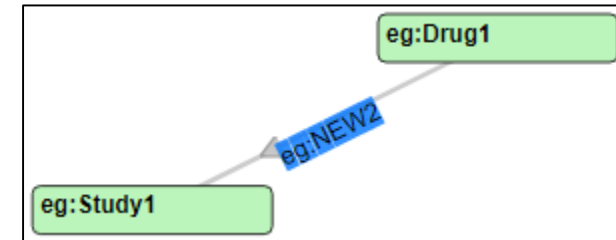
1. If a link is between two IRI's, the direction can be reversed



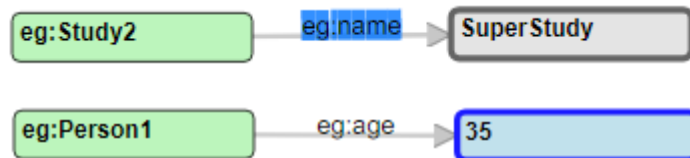
Link values

Prefix:

Label:



2. Links between an IRI node and String/Integer node cannot be reversed



Link values

Prefix:

Label:

Save/Load/Export the graph

The screenshot shows a graph editor interface. At the top, there are three buttons: 'Create TTL', 'Save State', and 'Restore'. Below them is a 'Select file:' label, a dropdown menu showing 'graph', and a 'Load' button. A text label 'Current graph based on last save state' is positioned below the 'Load' button, with a blue arrow pointing to it from the right. The main area is divided into two sections: 'NODES' and 'LINKS'. The 'NODES' section lists actions: 'Create' (green circle, upper left), 'Move' (Click+Drag), 'Edit' (Double-Click), and 'Delete' (Edit, [Delete] button). The 'LINKS' section lists actions: 'Create' (SHIFT+Click, source, SHIFT+Click, target) and 'Edit' (Double-click, Label). Below these are several colored squares with corresponding labels: a green square for 'IRI (links to/from)', a grey square for 'New Node: edit to set properties', a yellow square for 'Editing node', a red square for 'Source node for new link', a grey square for 'String: No outgoing links!', a blue square for 'Integer: No outgoing links!', and an orange square for 'External Ontology IRI'. At the bottom left, the text 'Not saved' is displayed, with a blue arrow pointing to it from the right.

Create TTL Save State Restore

Select file: graph Load

Current graph based on last save state

NODES

Create (upper left)

Move Click+Drag

Edit Double-Click

Delete Edit, [Delete] button

LINKS

SHIFT+Click

Create source, SHIFT+Click target

Edit Double-click Label

IRI (links to/from)

New Node: edit to set properties

Editing node

Source node for new link

String: No outgoing links!

Integer: No outgoing links!

External Ontology IRI

Not saved

Create TTL

Saves the current graph as JSON and TTL files to the download directory

Save State

Saves the current graph to the web browsers local memory. It retains in memory until *Save state* is clicked again.

Restore

Restores the graph from the last saved state

Select file: graph Load

Loads the selected graph from pre-configured graphs

Indicates the source of the current graph

Indicates when the graph was last saved with *Save state*