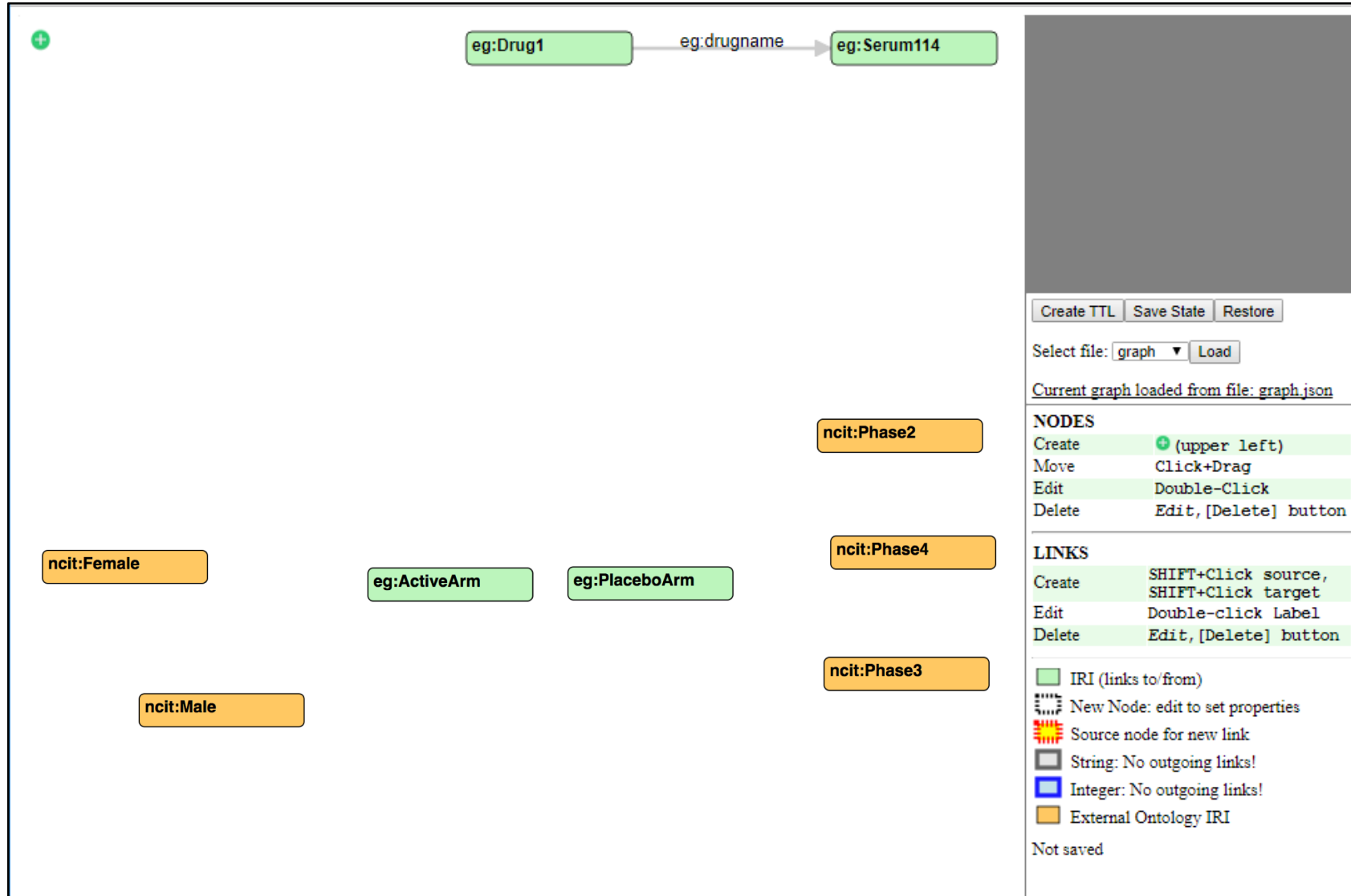


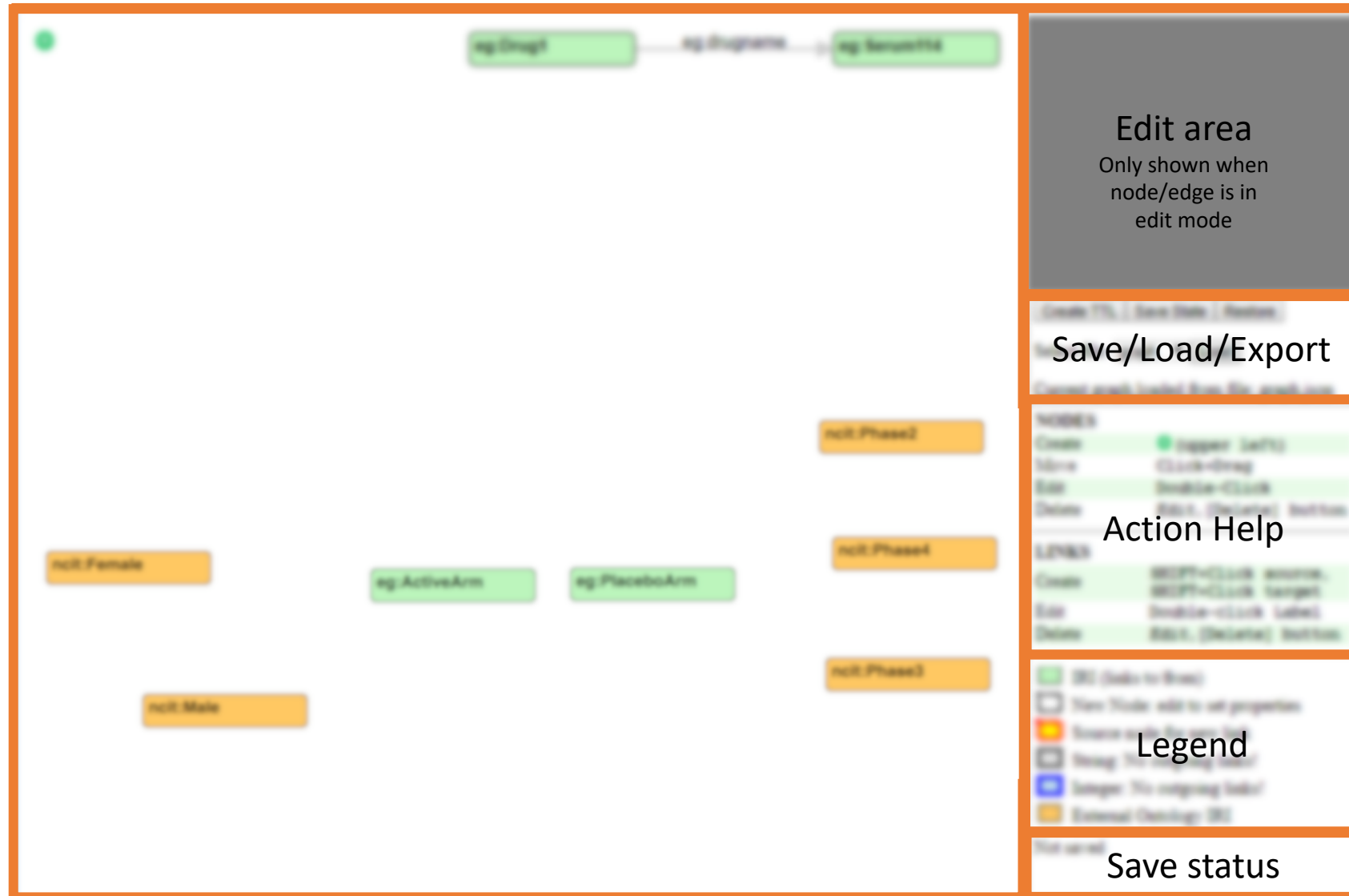
GraphEditor Introduction

Phuse EU Connect 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)

Create TTL


- Save current state

Save State

- Restore

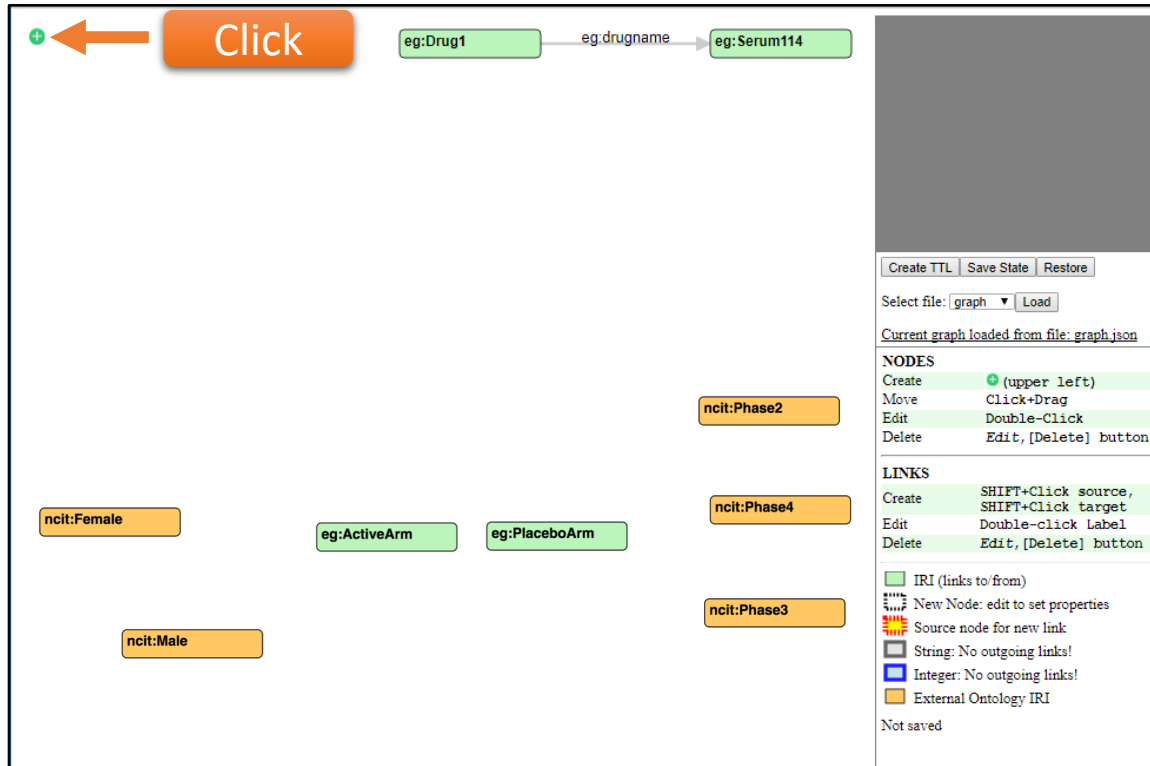
Restore

- Load pre-configured graph

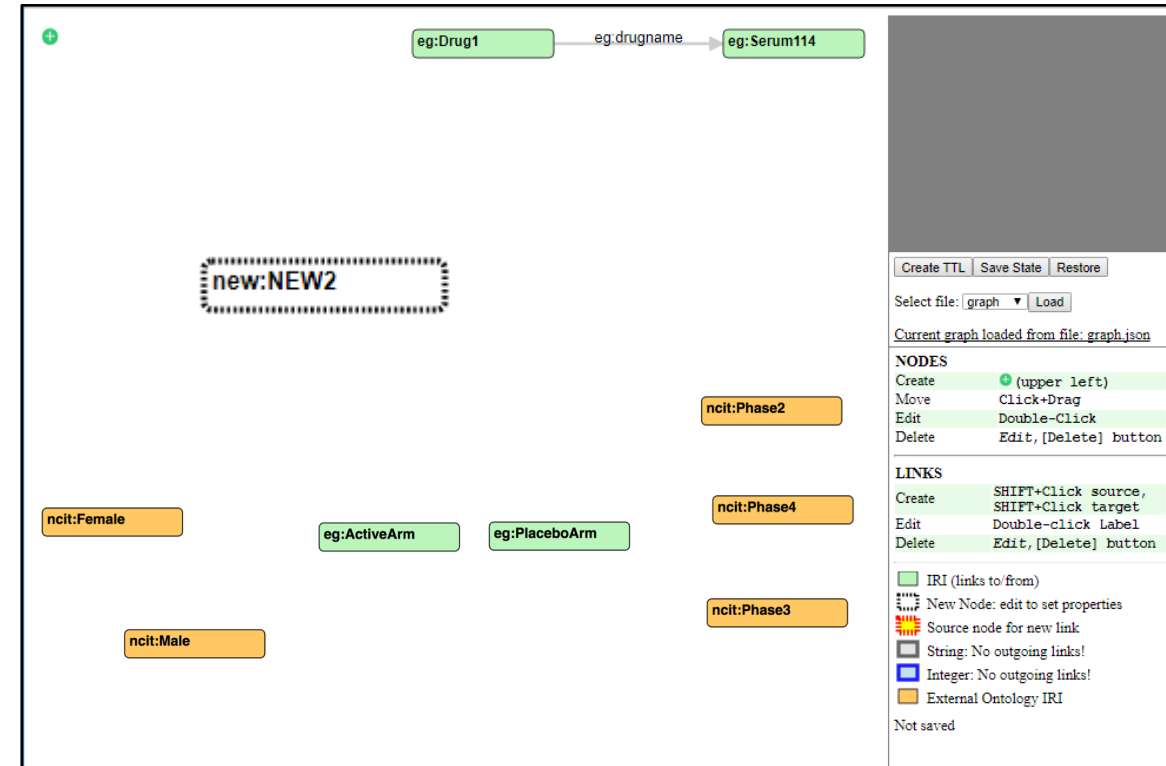
Select file: graph  Load

Add node

1. Click  in upper left corner

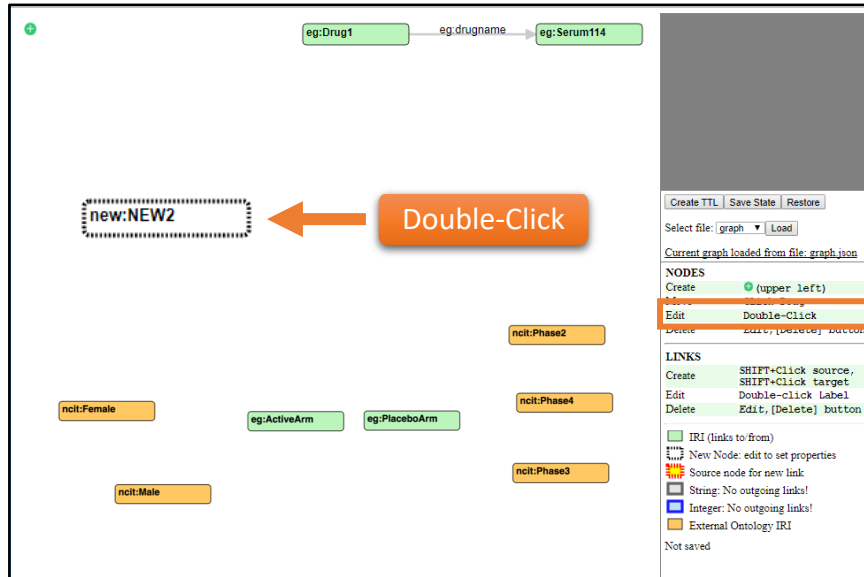


2. A new node is created on the whiteboard

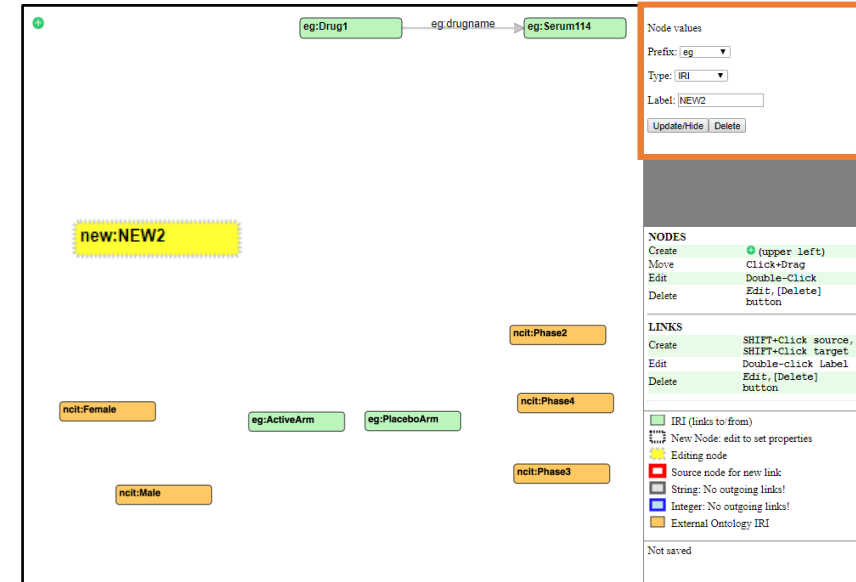


Edit node

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

Node values

Type: IRI

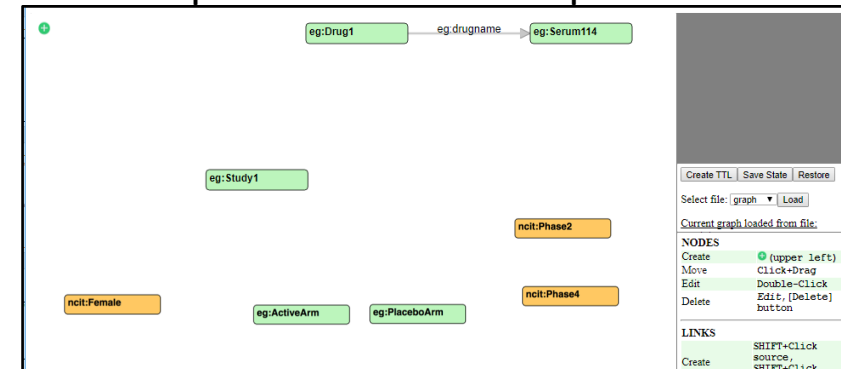
Prefix: eg

Label: Study1

Update/Hide Delete

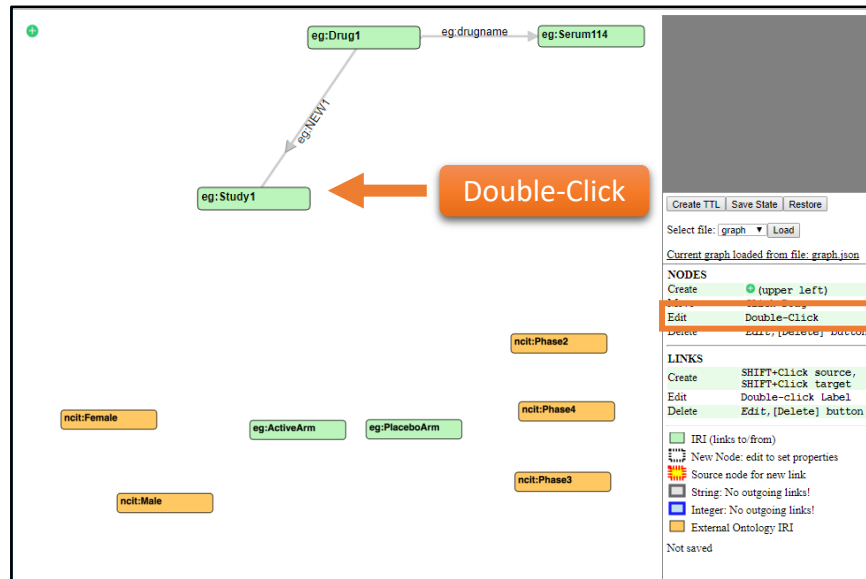
Click *Update/Hide* to save changes

4. Node prefix and label is updated

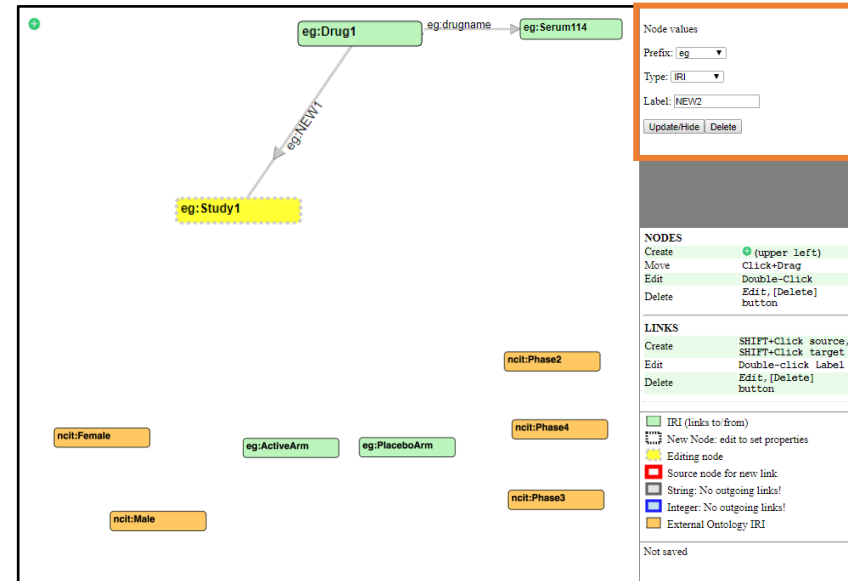


Delete node

1. Double click a node to get into edit mode



2. Node is highlighted and the edit area is displayed



3. Click *Delete*

Node values

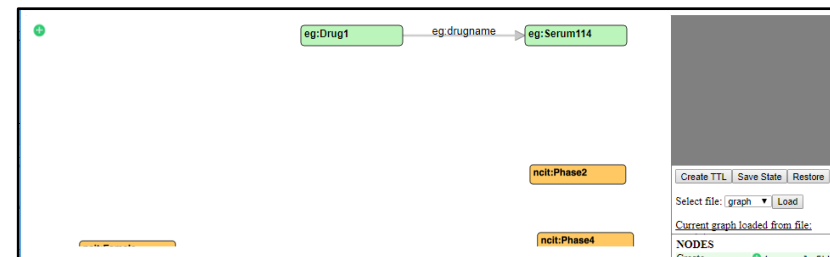
Type: IRI

Prefix: eg

Label: Study1

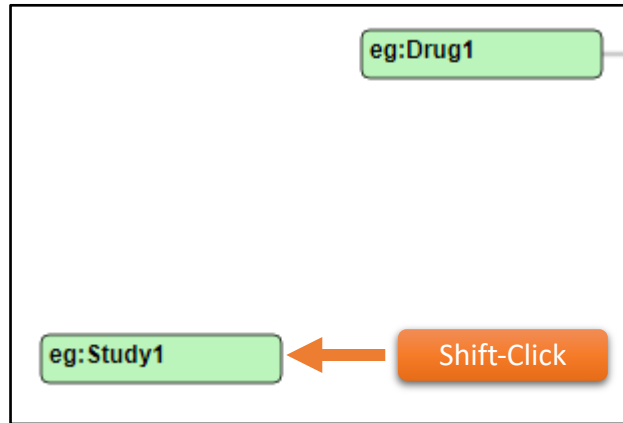
Update/Hide Delete

3. The node and any attached links are removed

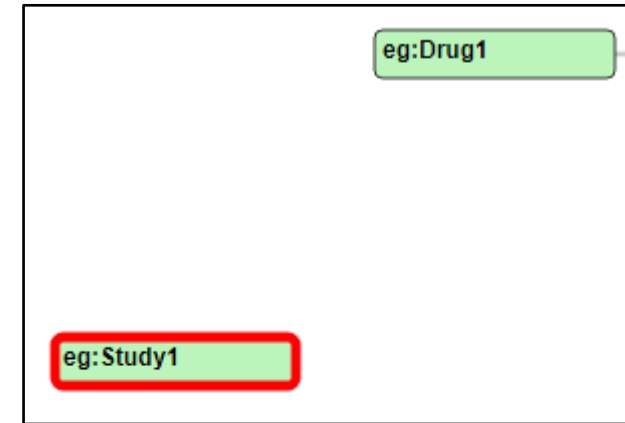


Create link

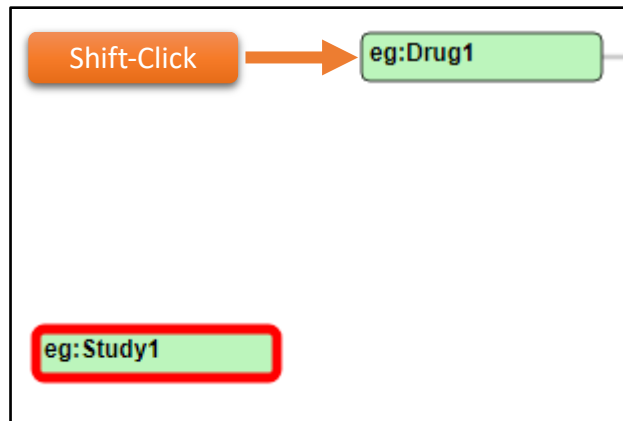
1. Shift+click a node to select it as source of link



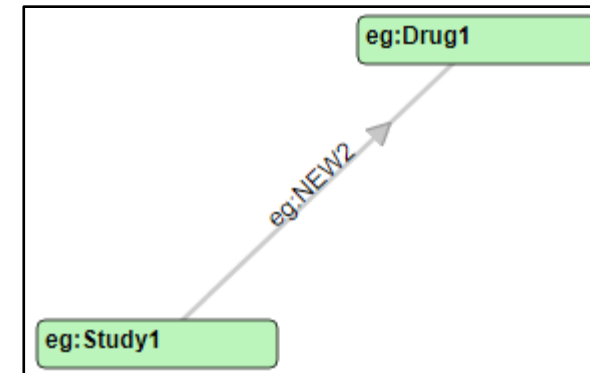
2. Node is highlighted



3. Shift click the target link

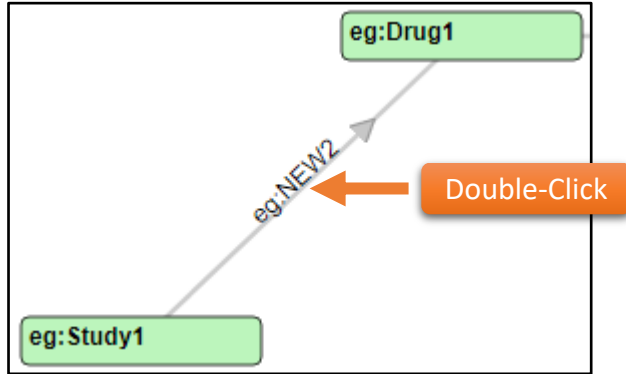


4. A new link is created

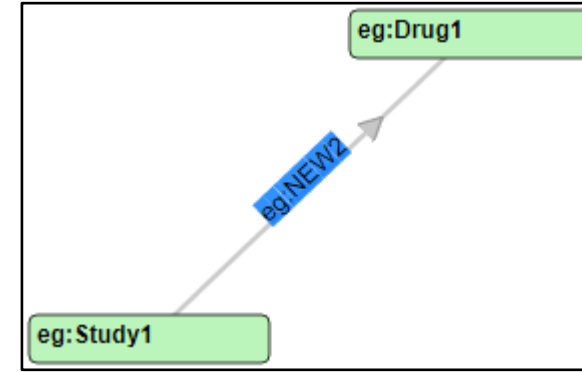


Edit link

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:

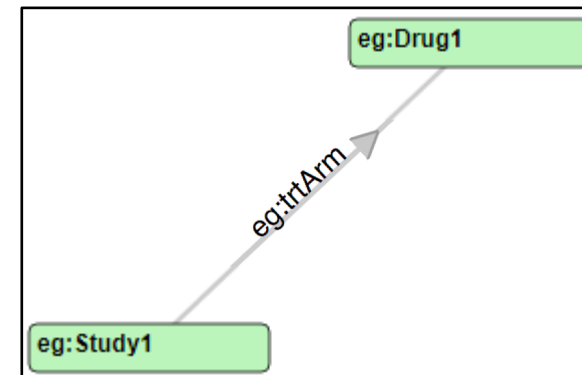
- Select *Predicate* in the dropdown list

Link values

Predicate:

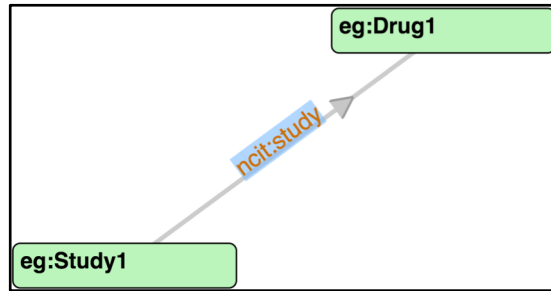
Click *Update/Hide* to save changes

4. Node predicate is updated



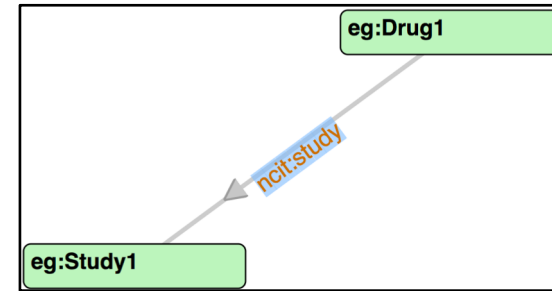
Edit link – reverse link direction

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

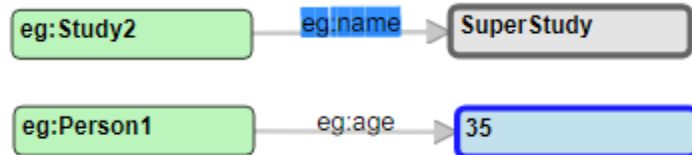


Link values

Predicate:



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



Link values

Predicate:

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 blue arrow points from the 'graph' dropdown to the text 'Indicates the source of the current graph'. Below the file selection is a text label 'Current graph based on last save state' with a blue arrow pointing to it from the text 'Indicates when the graph was last saved with Save state'. The main area contains two sections: 'NODES' and 'LINKS'. 'NODES' lists actions: 'Create' (green circle, upper left), 'Move' (Click+Drag), 'Edit' (Double-Click), and 'Delete' (Edit, [Delete] button). 'LINKS' lists actions: 'Create' (SHIFT+Click, source, SHIFT+Click, target) and 'Edit' (Double-click, Label). Below these are several colored squares with labels: green for 'IRI (links to/from)', grey for 'New Node: edit to set properties', yellow for 'Editing node', red for 'Source node for new link', grey for 'String: No outgoing links!', blue for 'Integer: No outgoing links!', and orange for 'External Ontology IRI'. At the bottom, there is a 'Not saved' status indicator. A blue arrow points from the 'Not saved' text to the 'Save State' button.

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

Create SHIFT+Click 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*