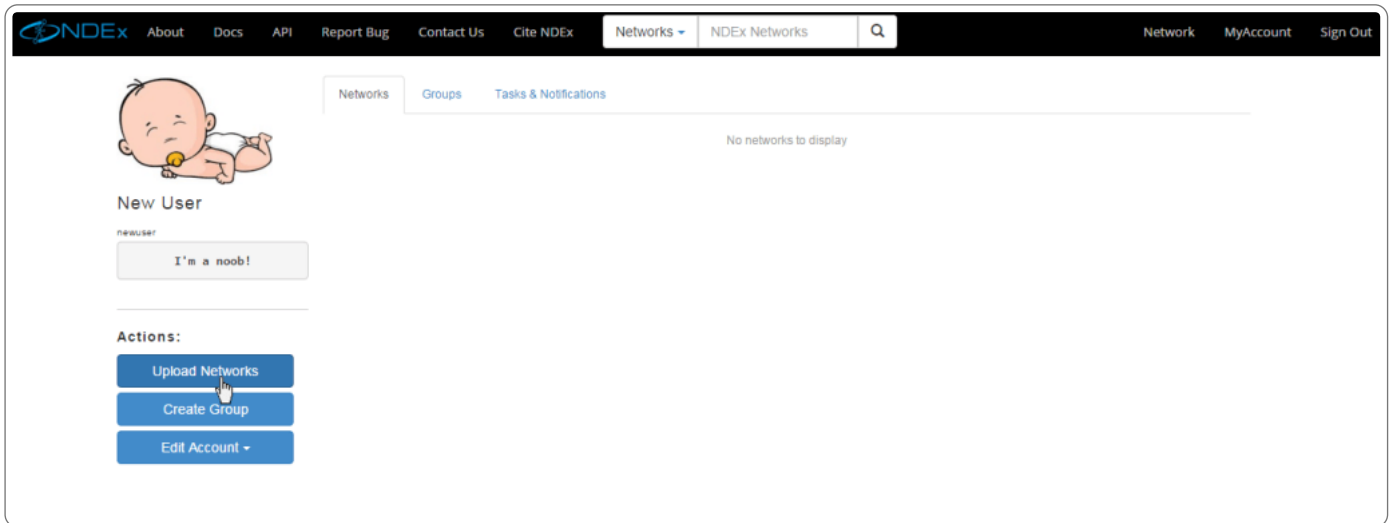


Uploading and Saving Networks

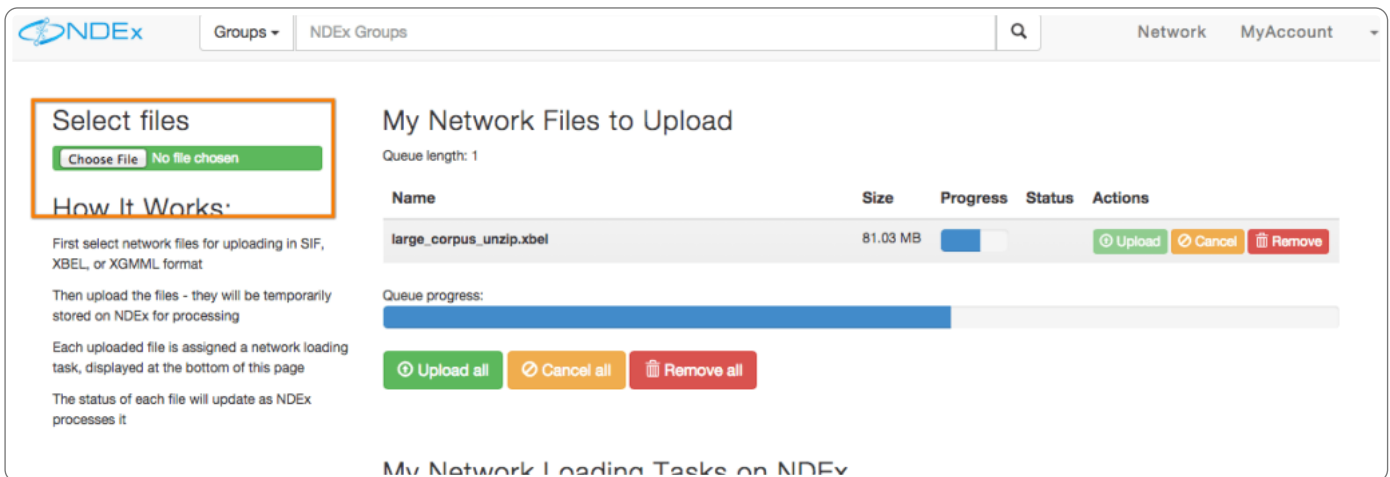
IMPORTANT NOTE: The screenshots in all our user manuals are for training purposes and might be different from the actual screen output you will obtain when working on the current NDEx version deployed to our public server.

Uploading Networks

- In your MyAccount page, Click the Upload Networks option.



- Select the file to upload by using the Choose file button in the upper left corner



- Click on the green Upload button to begin the process.
- Alternatively, select multiple files and upload them at once by clicking Upload all.

Select files
 Choose File No file chosen

How It Works:
 First select network files for uploading in SIF, XBEL, or XGMML format
 Then upload the files - they will be temporarily stored on NDEX for processing
 Each uploaded file is assigned a network loading task, displayed at the bottom of this page
 The status of each file will update as NDEX processes it

My Network Files to Upload
 Queue length: 1

Name	Size	Progress	Status	Actions
large_corpus_unzip.xbel	81.03 MB	<div style="width: 50%;"></div>		Upload Cancel Remove

Queue progress:

Upload all Cancel all Remove all

My Network Loading Tasks on NDEX

- Once the process is complete, a new task will be created. The task is a pending action that the NDEX system will resolve.
- You can view a network loading task at the bottom of the screen.

Select files
 Choose File No file chosen

How It Works:
 First select network files for uploading in SIF, XBEL, or XGMML format
 Then upload the files - they will be temporarily stored on NDEX for processing
 Each uploaded file is assigned a network loading task, displayed at the bottom of this page
 The status of each file will update as NDEX processes it

My Network Files to Upload
 Queue length: 1

Name	Size	Progress	Status	Actions
large_corpus_unzip.xbel	81.03 MB	<div style="width: 100%;"></div>	✓	Upload Cancel Remove

Queue progress:

Upload all Cancel all Remove all

My Network Loading Tasks on NDEX

Update

Status	Description	Actions
QUEUED	Loading large_corpus_unzip.xbel	Remove

- You can also view the status of a task in the Tasks & Notifications tab of your 'My Account' page.

Networks Groups **Tasks & Notifications**

Tasks 2 Delete All

PROCESS_UPLOADED_NETWORK network_renamed_from_KAM_xgmml completed	Remove
--	--------

New User
 newuser
 I'm a noob!

Actions:
 Upload Networks
 Create Group
 Edit Account

- The status will change during the upload process. When the task is done, you will see the status change to completed. At this point, the network will be in the system and appear at the top of the list in the Networks tab of your " My Account" page.

Saving a Subnetwork

- A subnetwork (or neighborhood) is the result of a specific query on a larger network. In this example, we select the BEL Small Corpus Document and run a query for "akt1": the system will return a subnetwork consisting of 79 nodes and 79 edges related to the term akt1.
- The query result can be saved as a new network using the Save Query Result function (red arrow).

The screenshot shows the NDEX interface with a query result for 'akt1'. The network visualization shows a central node 'kin(p(HGNC:AKT1))' connected to various other nodes. Below the visualization is a table with columns: Subject, Predicate, Object, Citations, and Cardiovascula. A red arrow points to the 'Save Query Result' button in the 'Actions' section.

Subject	Predicate	Object	Citations	Cardiovascula
path(MESH:D:Atherosclerosis)	positiveCorrelation	bp(GO:lipid oxidation)	1	Arteries
path(MESH:D:Atherosclerosis)	positiveCorrelation	bp(GO:protein oxidation)	1	Arteries
a(CHEBI:L-arginine)	decreases	path(MESH:D:Atherosclerosis)	1	
p(HGNC:AKT1, pmod(P, T, 308))	directlyIncreases	kin(p(HGNC:AKT1))	1	
p(HGNC:AKT1, pmod(P, S, 473))	directlyIncreases	kin(p(HGNC:AKT1))	1	

- The new network is now visible at the top of the list in the on the user's "My Account" page.

The screenshot shows the 'My Account' page with a list of networks. The newly created network is at the top of the list. A red arrow points to the 'Save Query Result' button in the previous screenshot.

Network Name	Format	Nodes	Edges	Visibility	Owned	Last Modified
BEL Framework Small Corpus Document: Simple Query, Terms = akt1 at ...	BEL	79	79	PRIVATE	ndextuto...	Feb 28, 2016
BEL Framework Small Corpus Document	BEL	1598	2174	PUBLIC	ndextuto...	Feb 28, 2016
Metabolism of RNA	SIF	361	4344	PUBLIC	ndextuto...	Feb 27, 2016
Metabolism of proteins	SIF	2380	11724	PUBLIC	ndextuto...	Feb 27, 2016
Metabolism	SIF	4231	17253	PUBLIC	ndextuto...	Feb 27, 2016
Biosynthesis of steroids	BIOPAX	267	382	PUBLIC	ndextuto...	Feb 26, 2016
Hox_NVC4 - CX format	Unknown	32	33	PUBLIC	ndextuto...	Feb 26, 2016
Calmodulin induced events	SIF	11	27	PUBLIC	ndextuto...	Feb 26, 2016
BEL Framework Small Corpus Document	BEL	37	37	PUBLIC	ndextuto...	Feb 26, 2016
Hox_NVC4	XGMML	32	33	PUBLIC	ndextuto...	Feb 26, 2016

Editing the Network Profile

- As an admin of the new network you just saved, the signed-in user can modify the network profile information. To do so, click the new subnetwork you just saved and select the "Edit Network Profile" function.

[NDEX](#) [About](#) [Docs](#) [API](#) [Report Bug](#) [Contact Us](#) [Cite NDEX](#) [Networks](#) [NDEX Networks](#) [Q](#) [Network](#) [MyAccount](#) [Sign Out](#)

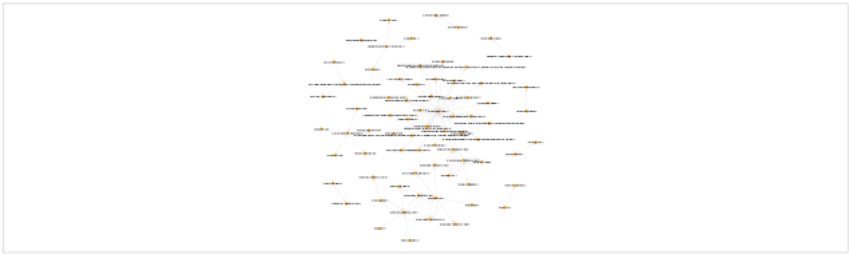
BEL Framework Small Corpus Document: Simple Query, Terms = akt1 at Depth 1

Nodes: 79 Edges: 79

PRIVATE
 Read Only

Created: Feb 28, 2016
 UUID: ebe87873-de7c-11e5-a839-06832d634f41

Your Access Privileges: Admin
 Other Admins: None
 BEL Namespaces: Not Archived



Actions:

- Edit Network Profile
- Export Network
- Manage Access
- Archive BEL Namespaces
- Delete Network

Network Terms: Depth: 1-step [Run Query](#) [Advanced Query](#)

Edges	Nodes	Provenance		
Subject	Predicate	Object	Citations	Cardiovascula
path(MESH: Atherosclerosis)	positiveCorrelation	bp(GO: lipid oxidation)	1	Arteries
path(MESH: Atherosclerosis)	positiveCorrelation	bp(GO: protein oxidation)	1	Arteries
a(CHEBI: L-arginine)	decreases	path(MESH: Atherosclerosis)	1	

- Besides changing the network name, adding a description, a publication reference and a version number, you can also control the visibility and accessibility of a network that you administrate.
- By default, your new subnetwork will be **PRIVATE**: this means you are the only one who can see it and the network will not be displayed when any other user runs a search.
- You can change the visibility to **PUBLIC** if you want the network to be readable by anyone, even anonymous users (users that are not logged in to an NDEX account.)

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BEL Framework Small Corpus Document: Simple Query, Terms = akt1 at Depth 1

Nodes: 79 Edges: 79

PRIVATE
 Read Only

Created: Feb 28, 2016
 UUID: ebe87873-de7c-11e5-a839-06832d634f41

Your Access Privileges: Admin
 Other Admins: None
 BEL Namespaces: Not Archived

Actions:

- Edit Network Profile
- Export Network
- Manage Access
- Archive BEL Namespaces
- Delete Network

Network Properties:

[Edit Properties](#)

sourceFormat: BEL

Edit Network Profile

Name:

Description:

Reference:

Version:

Visibility: