Insert Person

USER	APPLICATION	PARSER	DATABASE

LOOP

http://ariadne.cs.kuleuven.be/**thesis-std**

Insert **Person**

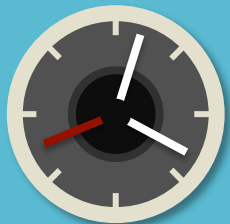First name: given name

Last name: family name

submit

You can search for any researcher you want.
Type in the first and last name of the person and submit.

The application will search for this person in four citation networks:
- Microsoft Academic Search
- Google Scholar
- CiteSeer
- ACM Digital Library

Note: The server is going to search the different networks for you. This can take quite a while, so be patient.
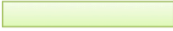
1

Click on the person's name to visit the webpage of this person on this network.

insert **Person**

Network1
3 networks to go.

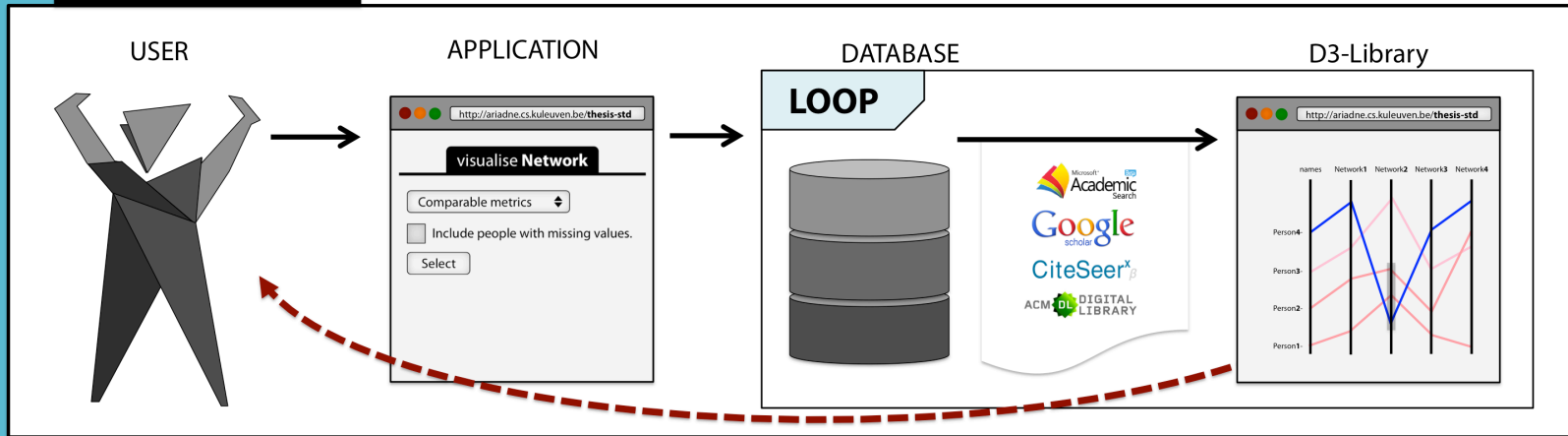| Select	Name	Study Field	Metric1	Metric2	Metric3
☑	PersonX	Artificial Intelligence	344	24	6363
☑	PersonX'	Software Engineering	5	33	56
☐	PersonY	Psychiatry & Psychology	65	646	23

Add Selected

URL: [ ] Confirm

Skip this database

Skip

Select the person you're looking for by checking off the right checkbox. Then click on 'Add Selected'.

If the application didn't find any results or not the right person, you can supply the URL by yourself.

Or you can skip this database if you don't want to insert this person in this network.
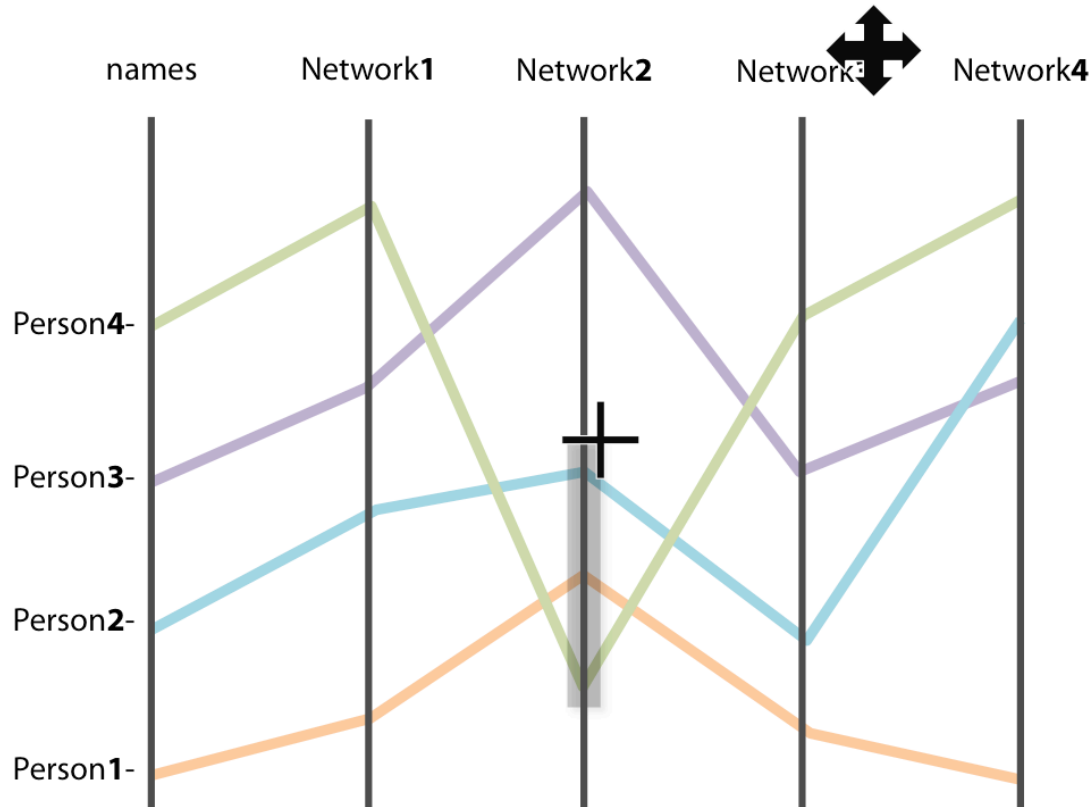
visualise **Network**

USER   APPLICATION   DATABASE   D3-Library

Select the metric you want to visualise. Only the metrics which are present in two or more networks can be compared:

- Publications
- Citations
- H-index

☐ Include people with missing values.

When checked the application will show the data of all people who are already inserted into the database.

2

visualise **Network**

names   Network**1**   Network**2**   Network**3**   Network**4**

Person**4**-
Person**3**-
Person**2**-
Person**1**-

ToolBox

Focus
Drag vertically
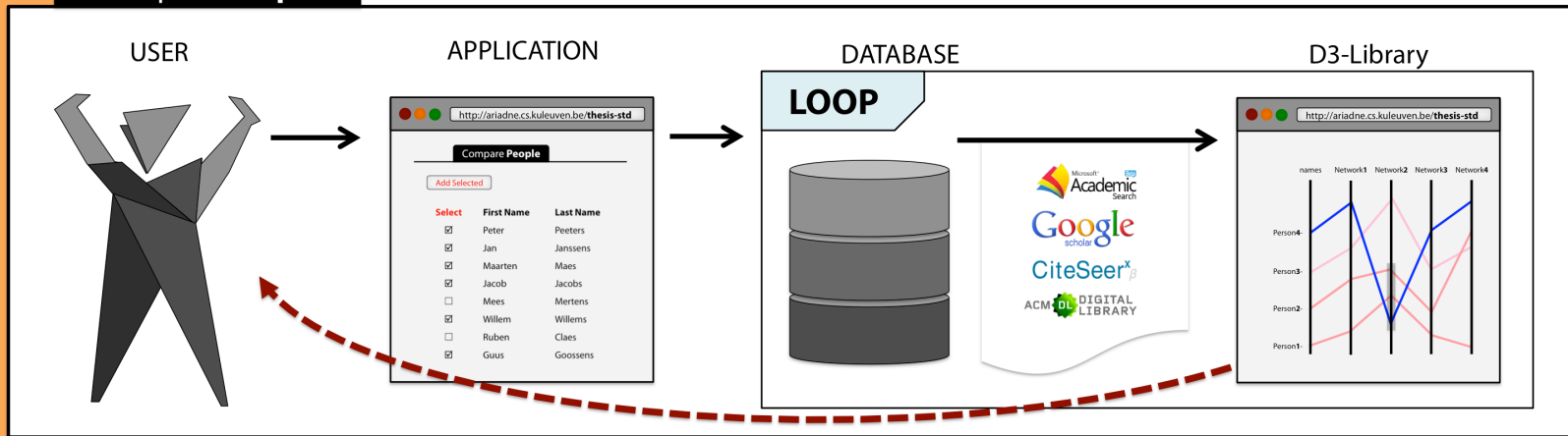over an axis to select
only a group of people.

Move
Move the axis
horizontally to get a
better overview.

Parallel **Coordinates** (D3 library)
By clicking and dragging along any axis,
you can specify a filter for that dimension.

D3

You can search for papers of researchers who are already inserted into the database. Select one of the researchers and click 'Select'.
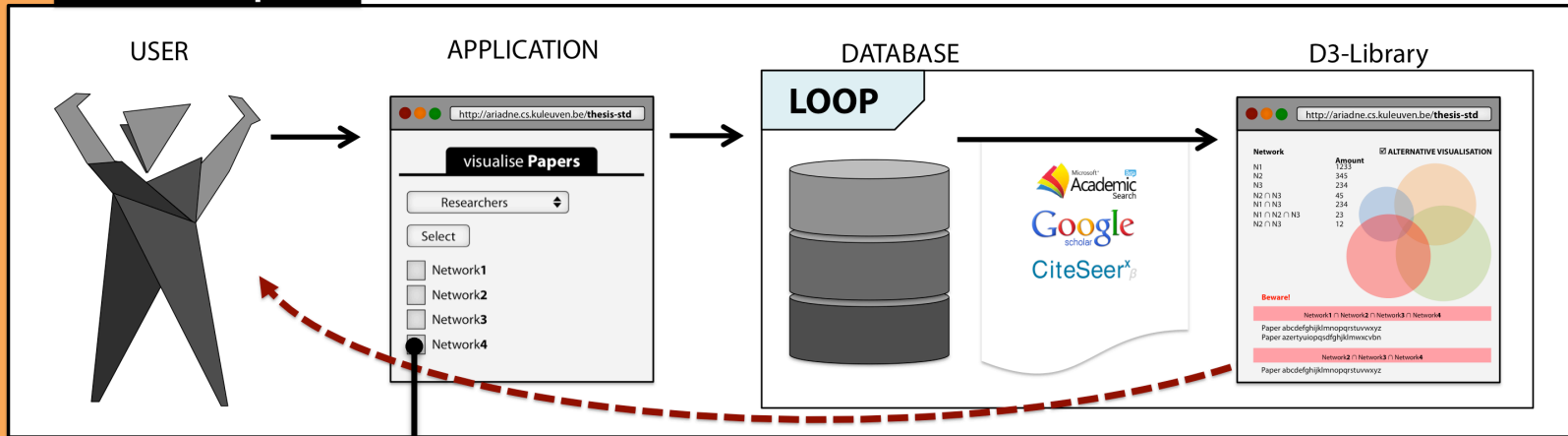
The application will search for this papers in four citation networks:
- Microsoft Academic Search
- Google Scholar
- CiteSeer
- ACM Digital Library

Note: The server is going to search the different networks for you. This can take quite a while, so be patient.
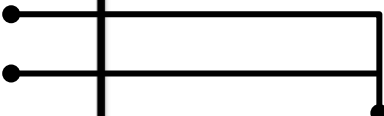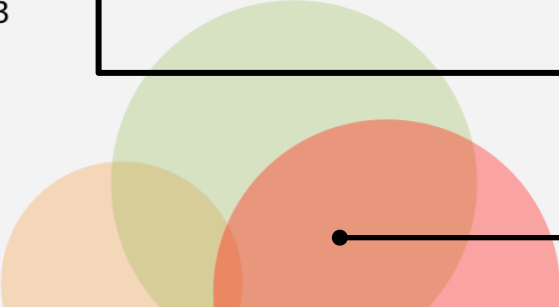
2

visualise **Papers**

USER   APPLICATION   DATABASE   D3-Library

LOOP

Select the networks you want to compare.

2

Compare **People**

Add Selected

Select	First Name	Last Name
☑	Peter	Peeters
☑	Jan	Janssens
☑	Maarten	Maes
☑	Jacob	Jacobs
☐	Mees	Mertens
☑	Willem	Willems
☐	Ruben	Claes
☑	Guus	Goossens

Select the people you want to compare by checking off the right checkbox. Then click on 'Add Selected'.

visualise **Papers**

Network	Amount	☑ **ALTERNATIVE VISUALISATION**
N**1**	1233	
N**2**	345	
N**3**	234	
N**2** ∩ N**3**	0	
N**1** ∩ N**3**	234	
N**2** ∩ N**3** ∩ N**4**	1	
N**2** ∩ N**3**	12	
N**1** ∩ N**2** ∩ N**3** ∩ N**4**	2	

Greedy algorithm vs.
Multidimensional scaling (default)

Venn Diagram
Gives the user a view of the
dispersion of his papers.

Numbers
Data

Beware!
Visualisation of more than
three networks is not always
as accurate as one would like.

Beware!

▼ Network**1** ∩ Network**2** ∩ Network**3** ∩ Network**4**

Paper abcdefghijklmnopqrstuvwxyz
Paper azertyuiopqsdfghjklmwxcvbn

▼ Network**2** ∩ Network**3** ∩ Network**4**

Paper abcdefghijklmnopqrstuvwxyz

▼ Network**2** ∩ Network**3**

▼ Network**2**

Paper abcdefghijklmnopqrstuvwxyz