Manual for the Cortext practical session

March 12th 2018

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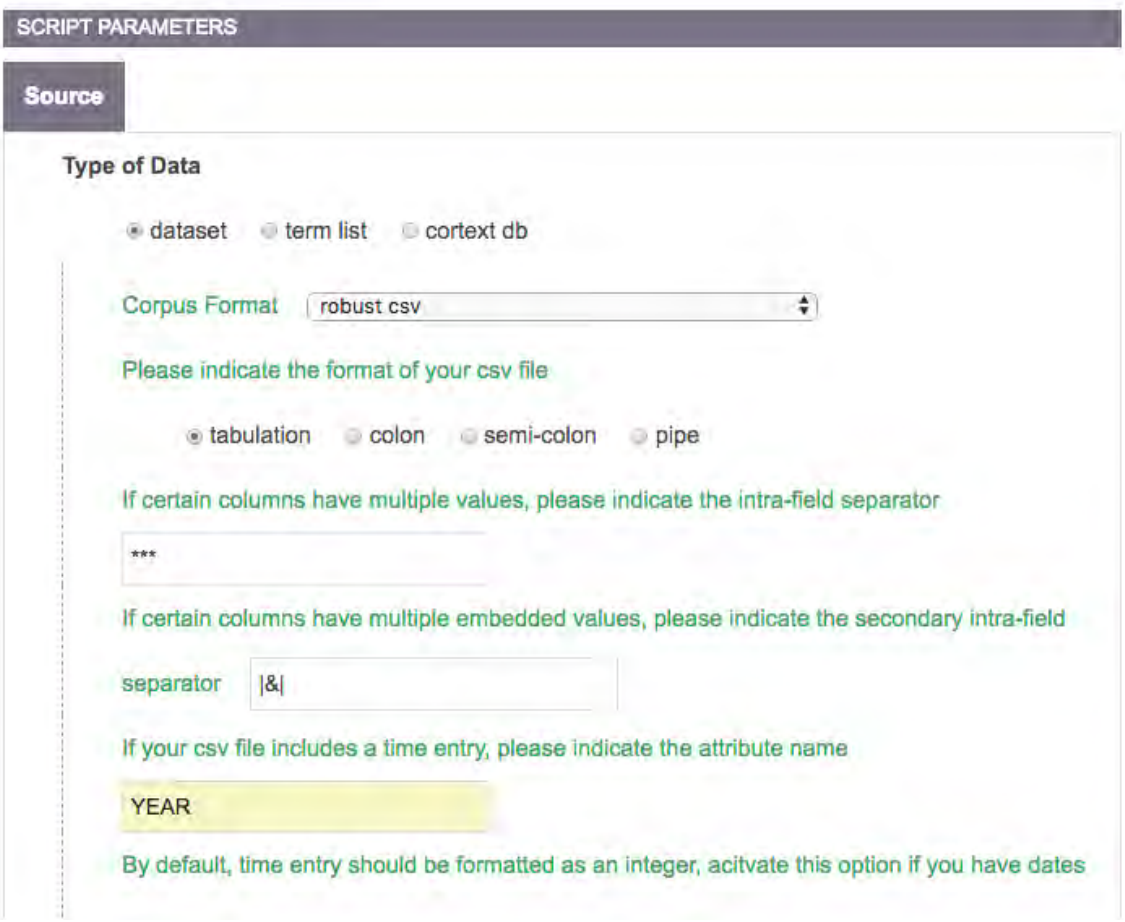
I) For uploading the database « OECD_TIP_prepared_corpus_final.txt.zip »

Click on “upload a new corpus”
And select the following options:

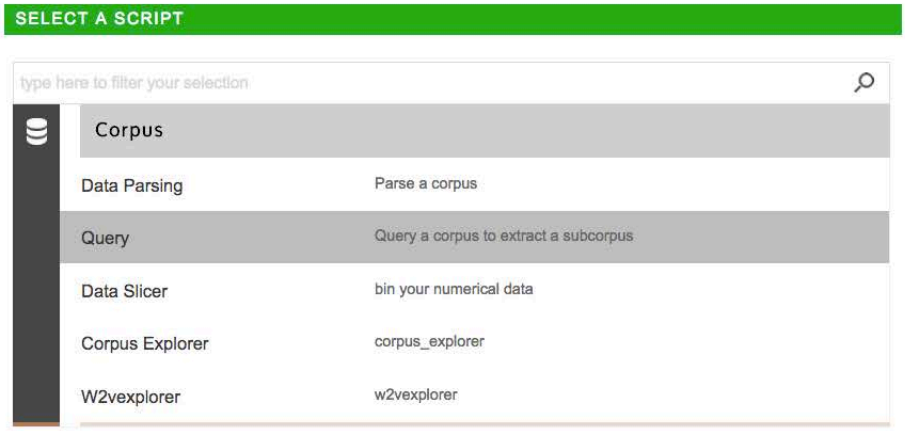
- Type of data: dataset
- Corpus format: robust csv
- Add: YEAR as time entry (in capital letters)



II) For reducing the DB to the 1994-2014 period

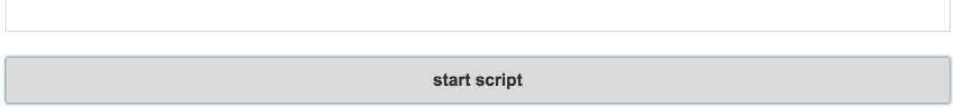
Click on “Start a new script”

In the Corpus section, select “Query”



Restrict to the 1994-2014 period

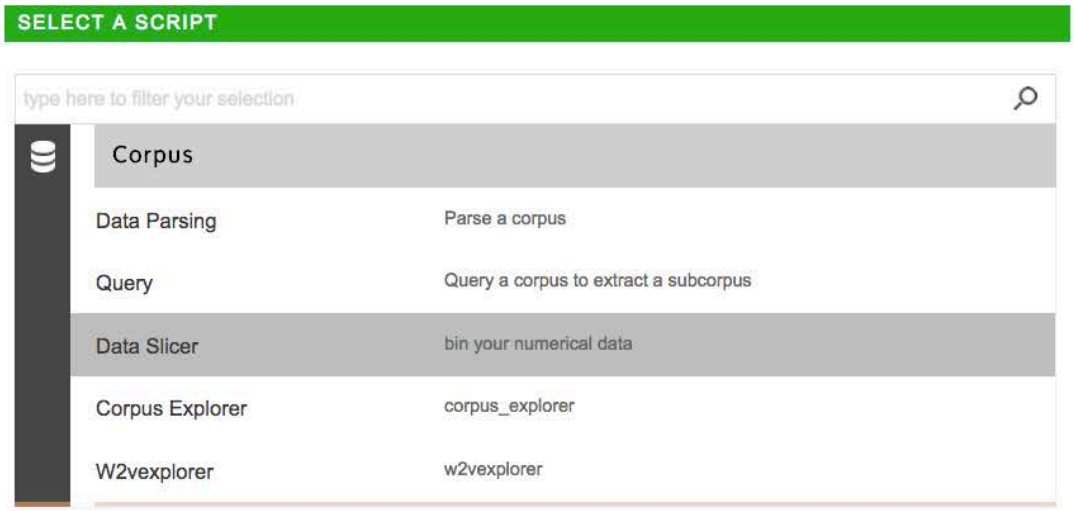
Click on “Start script”



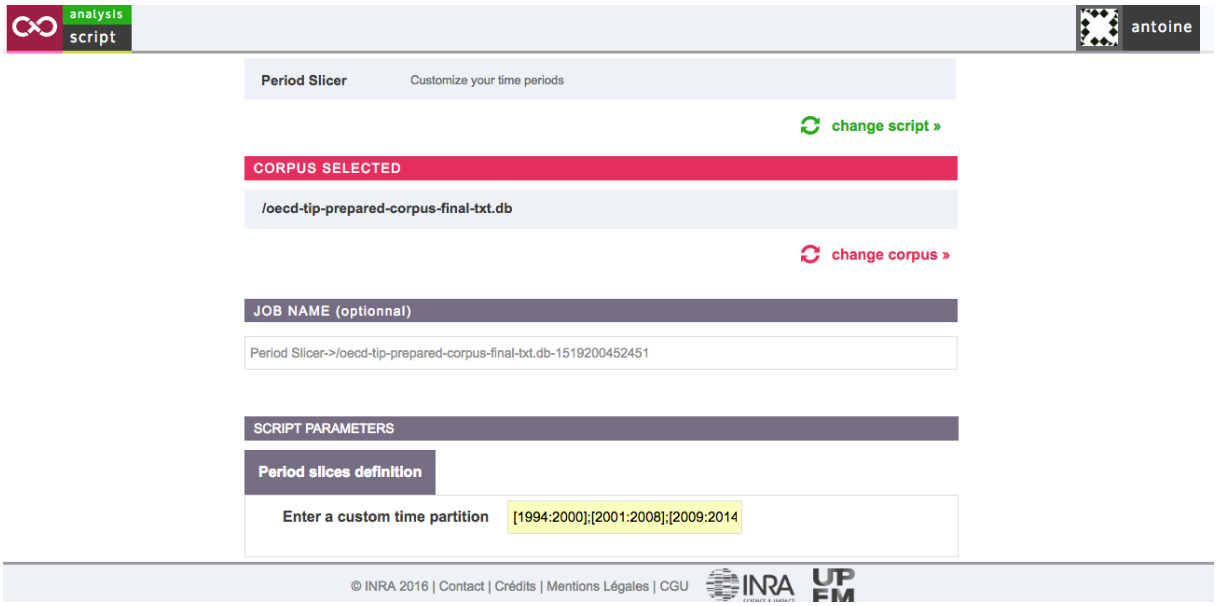
III) For defining 3 time slices: (1994-2000), (2001-2008), (2009-2004)

Click on “Start a new script”

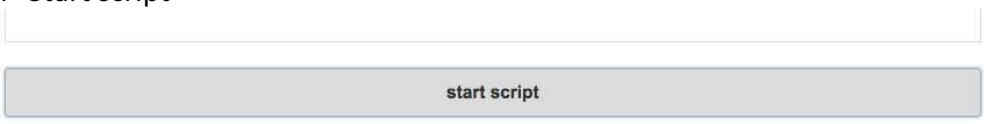
In the Corpus section, select “Period Slicer”



Define the 3 time slices (1994-2000), (2001-2008), (2009-2004)



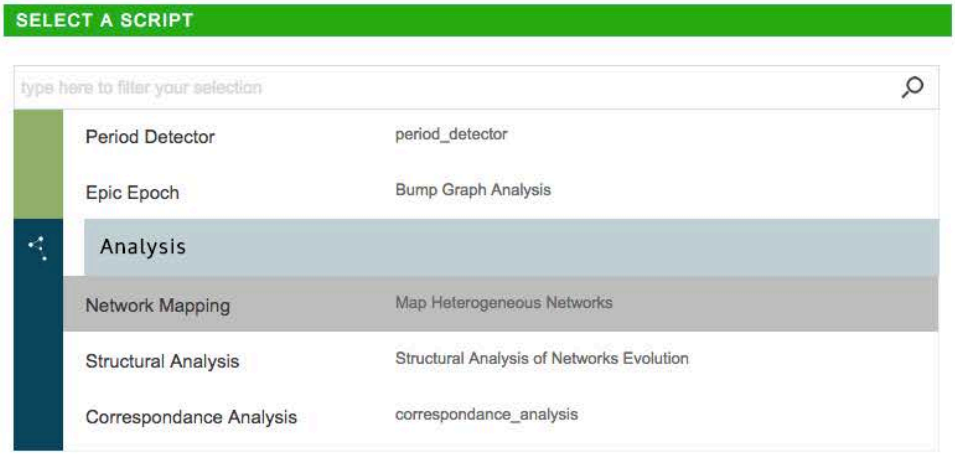
Click on “Start script”



IV) For producing the maps

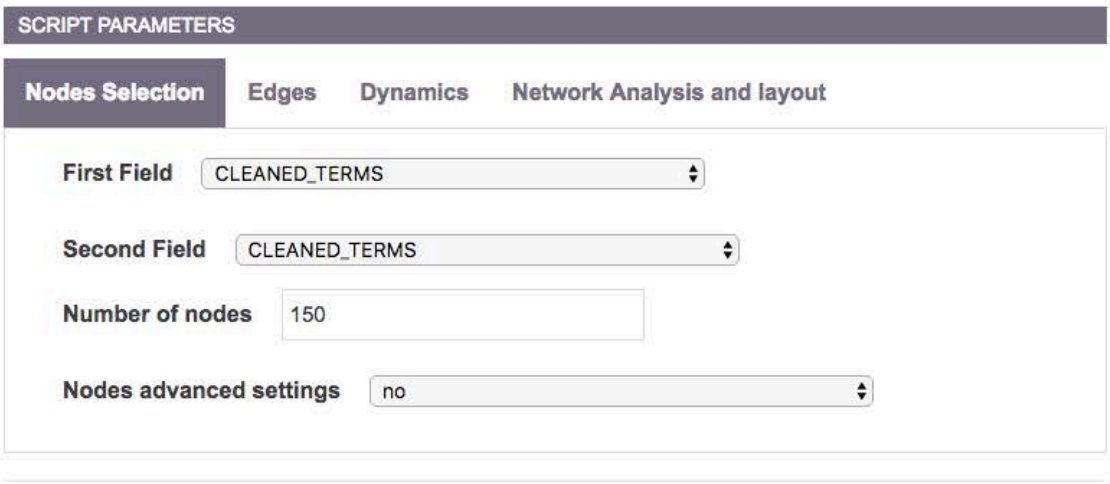
Click on “Start a new script”

In the Analysis section, select “Network mapping”

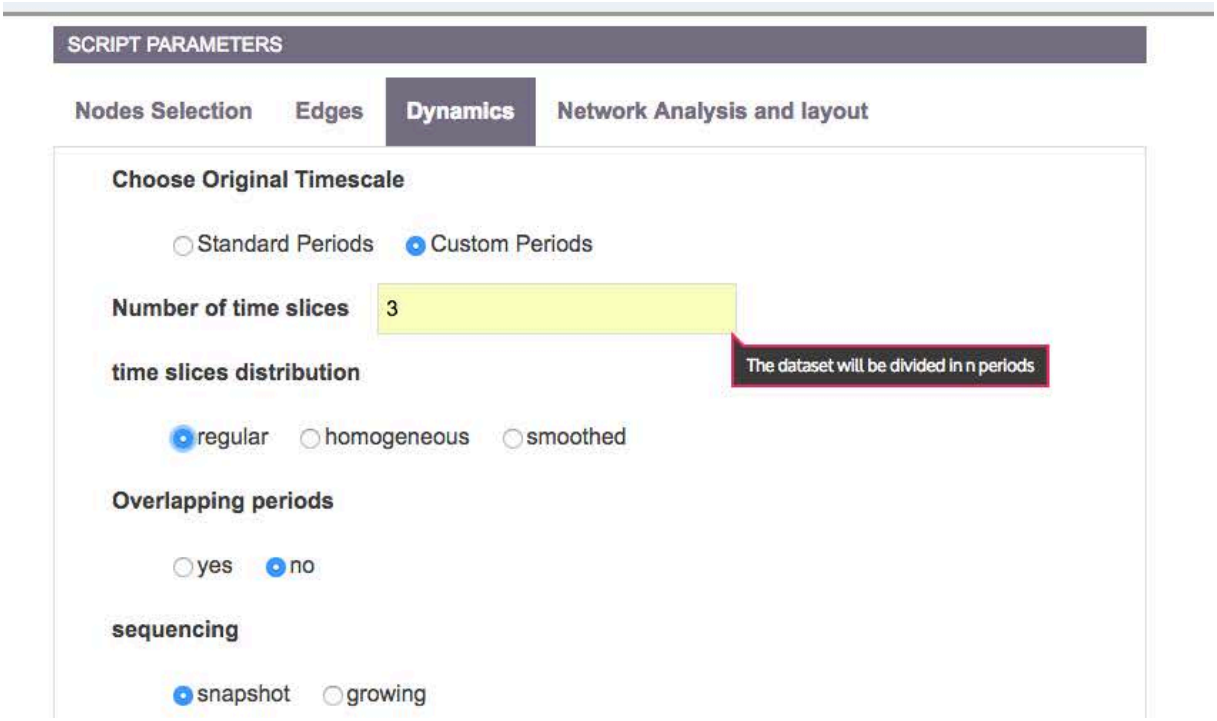


Choose the following script parameters

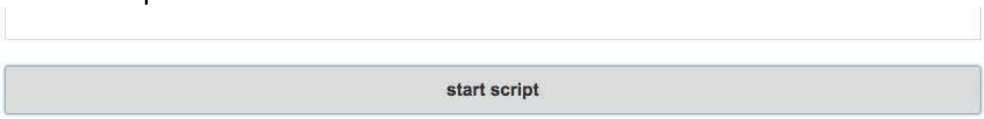
- In **Nodes Selection,** select**:** First field CLEANED_TERMS; Second field CLEANED_TERMS; Number of Nodes: 150



- In **Dynamics,** choose: Custom Period; Number of time slices: 3; Time slices distribution: regular

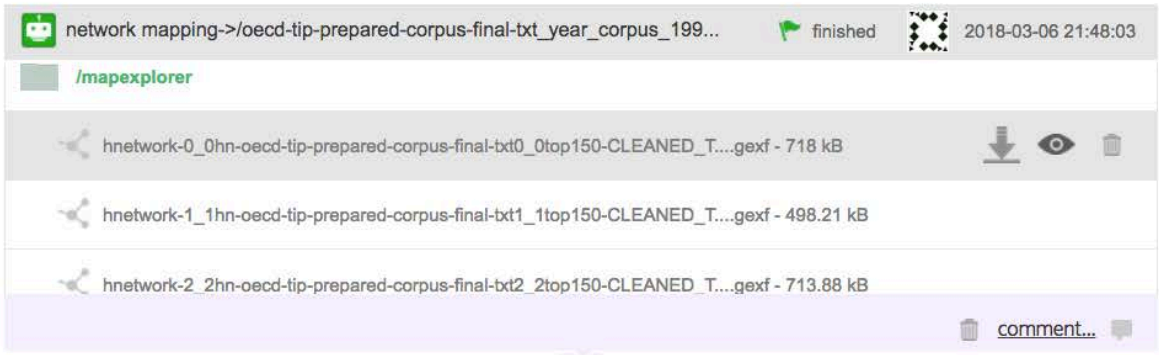


Click on “Start script”

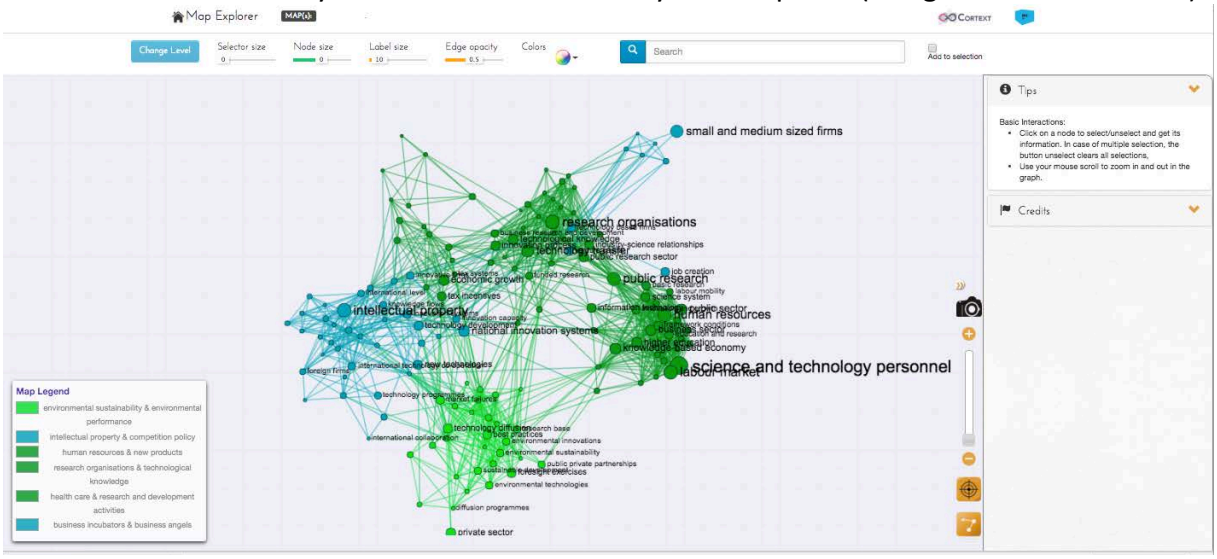


V) For visualising the maps

Click on “mapexplorer”: you have the 3 maps (one by time slice). Click on the “Eye” icon for visualising the results

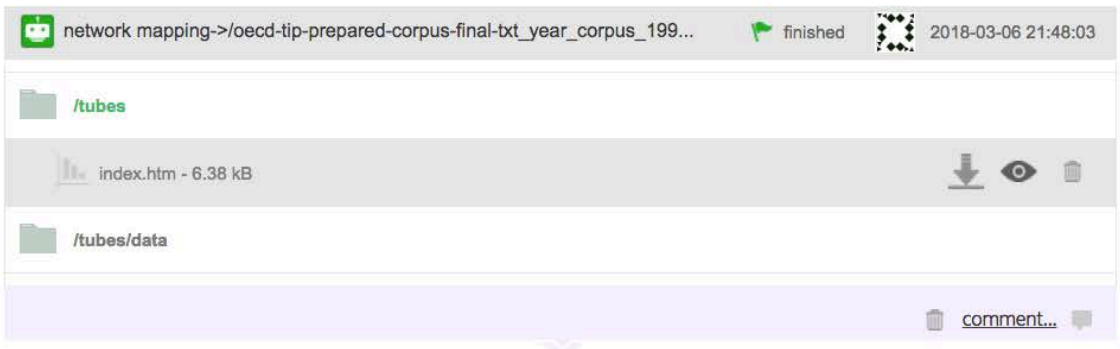


You visualise a network you can interact with and you can “print” (using the camera button)

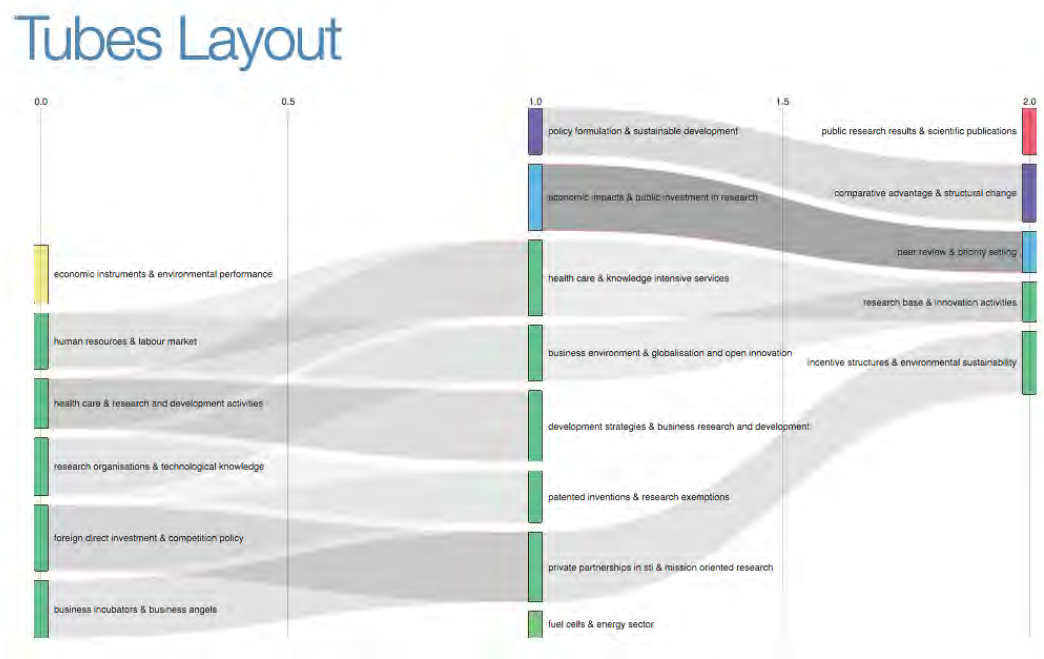


VI) For connecting the maps across time periods

Click on tubes. Click on the “Eye” icon for visualising

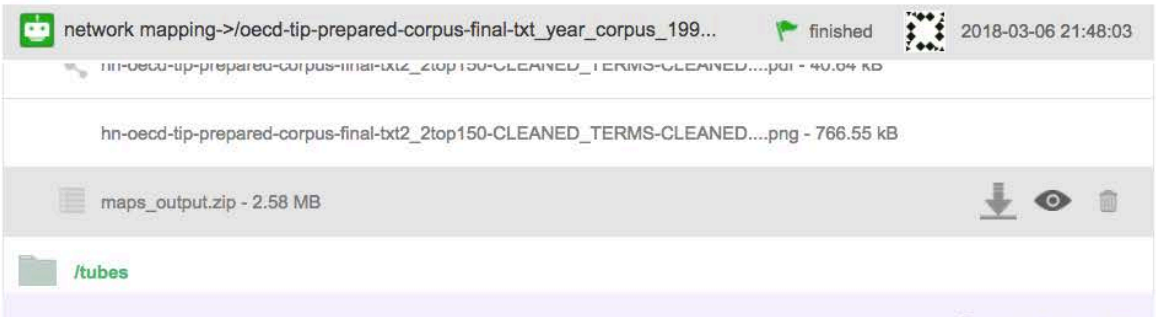


Sankey Diagram linking the clusters across periods

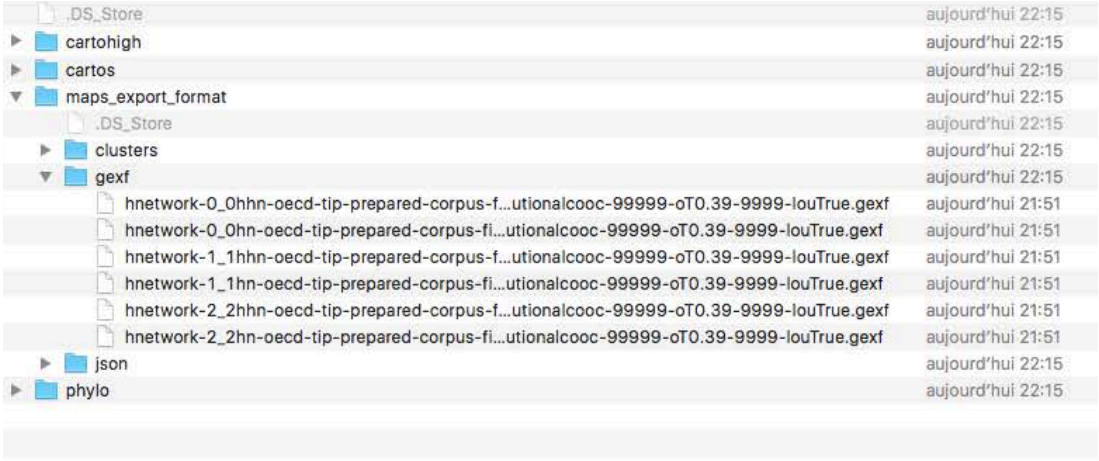


VII) For exporting the network data

Click on “maps_output.zip” and download, using the “descending arrow” icon.

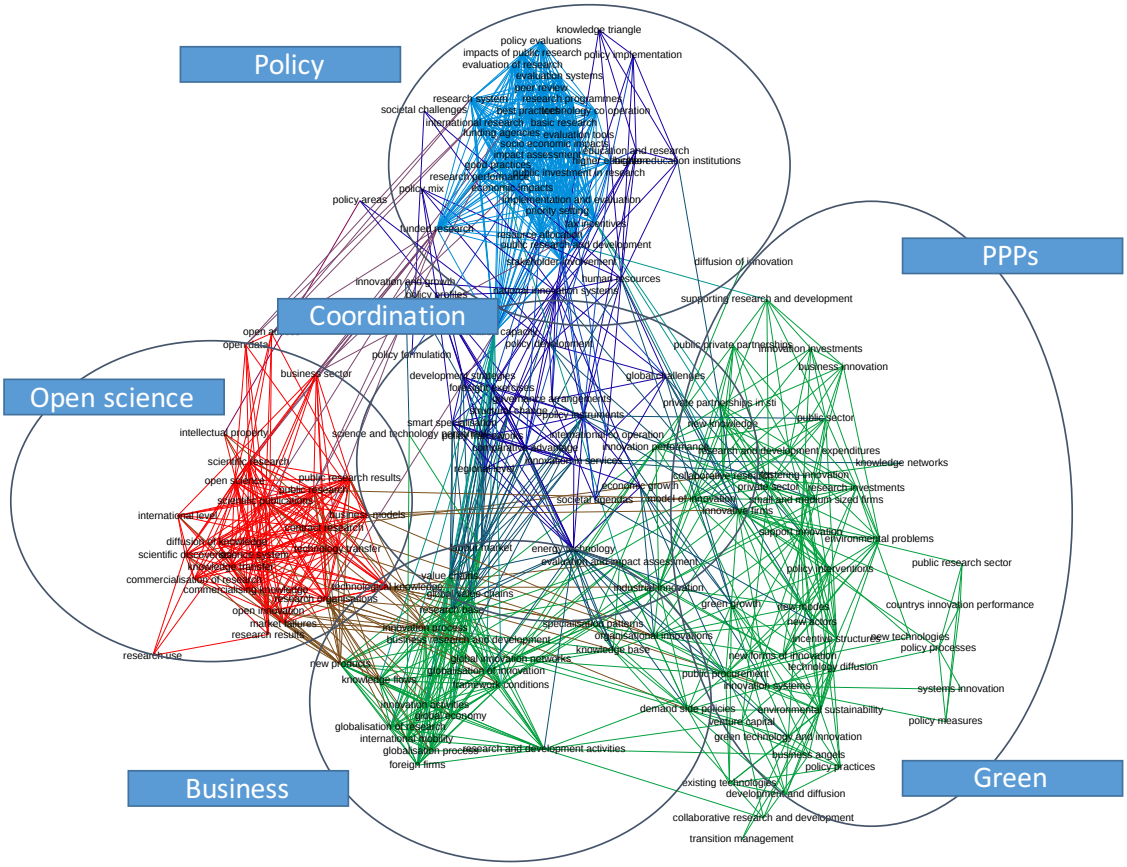


You will access (locally, i.e.on your computer) network data (gexf, json)



Then, you can work on this data, for instance, with the Gephi (open) software

Third period (2009-2014) map, labelled after clusters' content expert analysis



Notes:

- Help is available. You can thus access the CORTEXT MANAGER DOCUMENTATION https://docs.cortext.net/

- You can collaborate on a project, inviting another Cortext registered user

- You can leave comments – interesting for collaborative uses