**Prepared by Tomasz Neugebauer**

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**Get Data from e-artexte:**

#artists = "Dille+curtin+lambeth+tata"

python geteartextedata.py -a "Dille+curtin+lambeth+tata" -o XML/data\_humanist\_photography.xml

#all data

python geteartextedata.py -m "all" -o XML/all\_eartexte.xml

#keywords="photography+photograhie"

python geteartextedata.py -k "photography+photographie" -o XML/kw\_photography\_photographie.xml

**Convert data using Pig:**

**Generate graph files:**

pig -x local -param datafile="XML/data\_humanist\_photography.xml" eartexte-convert.pig

**Visualization layout with Gephi**

File -> Open -> Select GML file

Statistics -> Run (Network Diameter) -> Select Undirected, Normalize Centralities in [0,1]

Statistics -> Run (Modularity)

Layout – Force Atlas 2 -> scaling (12, depending on size of network)

Appearance – Nodes -> Size -> Ranking -> Betweenness Centrality (5-20) on a spline

Appearance – Nodes -> Partition > Modularity Class

Optional Filters:

* Filters - > Topology > Giant Component
* Filters -> Topology -> Degree Range
* Filters –> Attributes -> Range -> Betweenness Centrality
* Filters -> Edges -> Edge Weight

Export -> Sigma.js Template -> fill in

**Sigma Exporter** <https://marketplace.gephi.org/plugin/sigmajs-exporter/>

Logo : <http://e-artexte.ca/style/images/logo.jpg>

Link: <http://e-artexte.ca/>

Check Include Search

Group Selector: Modularity Class

Image attribute: Label

Color: Community detection

Node: fill in what node is

Edge: fill in what edge is (item for social networks)