



Netherlands Institute at Athens

Data Modelling Workshop “Nodegoat”

June 15, 2018

[Netherlands Institute at Athens](#)

[Makri 11](#), Makrigianni, Athens

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Short Description

[Nodegoat](#) is a web-based data management, network analysis & visualization environment.

Using “nodegoat”, you can create and manage any number of datasets by use of a graphic user interface. Your custom data model autoconfigures the backbone of “nodegoat”'s core functionalities.

Within “nodegoat” you are able to instantly analyze and visualize datasets. “Nodegoat” allows you to enrich data with relational, geographical and temporal attributes. Therefore, the modes of analysis are inherently diachronic and ready-to-use for interactive maps and extensive trailblazing.

Added value in Digital History

A well-thought-out database for digital history projects allows for various modes of analysis, visualization, and interconnectivity. Each database with historical data requires a thorough understanding of the underlying conceptual data model and logical data model. Moreover, the interface at hand has to be scrutinized as well.

Workshop’s content

This workshop will deal with the following three distinct levels of any data modelling process:

1. Creating a conceptual data model



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What are the types of information that can be identified in the research process, and how do they relate to one another?

2. Creating a logical data model

How will different kinds of information be stored and how to deal with vague / ambiguous / uncertain / contradictory / unique / irregular data?

3. Using a database application

Which options does the database application offer and how can the conceptualised data model best be implemented?

During the workshop, we will first focus on getting a good understanding of these three distinct levels and explore how these levels inform each other. After this, participants will be able to create/refine a data model of their own and learn how to implement this in “nodegoat”.

Requirements

No prior knowledge is required to attend this workshop. Participants are required to bring their own laptop to the workshop. No new software has to be installed, as you only need to use a (modern) web-browser.

Pre-workshop preparation

Learn more about nodegoat:

<https://nodegoat.net/usecases>

<https://nodegoat.net/faq>

<https://nodegoat.net/documentation> (in progress)

<https://nodegoat.net/forum>

Learn more about data modelling:

<https://nodegoat.net/blog.s/20/what-is-a-relational-database>

<https://nodegoat.net/blog.s/21/formulating-ambiguity-in-databases>

<https://nodegoat.net/blog.s/22/iterative-data-modelling>



Workshop's Programme*

09:00 - 09:15 Welcome - Registration

09:15 - 09:20 Netherland Institute's Welcome

09:20 – 09:30 Presenting the speakers

09:30 – 10:30 Workshop's Introduction

10:30 – 11:00 Create/refine a conceptual data model based on your own research question

11:00 - 11:30 Coffee break

11:30 - 12:00 Learn how to enter data into nodegoat

12:00 - 12:30 Learn how to create a data model in nodegoat

12:30 - 13:30 Implement a first version your data model into nodegoat

13:30 - 14:30 Lunch break (free time)

14:30 - 15:00 Create/refine a logical data model based on your own research question

15:00 - 17:00 Implement your data model into nodegoat and start entering data

*English-speaking workshop

Pim van Bree received his MA in New Media and Digital Culture at the University of Amsterdam. He graduated with a thesis on the actor network of transnational online dating, investigating the crossroads between the local, national, global, and the online assemblage. His work experience in the field of new media: digital strategist at Tribal DDB Amsterdam and software developer at KIWA

Geert Kessels received his BA in History from Radboud University Nijmegen and completed the research master program in History at the University of Amsterdam. He graduated with a thesis on the influences of German Idealism on the Slovak romantic intellectual Ľudovít Štúr. During his studies he completed an internship at the Study Platform on Interlocking Nationalisms and worked as a project manager for EUROCLIO - The European Association of History Educators.

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