COEUS: “Semantic Web in a Box”

http://bioinformatics.ua.pt/coeus

In this tutorial you will learn:

- How to Generate Nanopublications.

Outline

1 Nanopublications Generation Process

1.1 Requirements

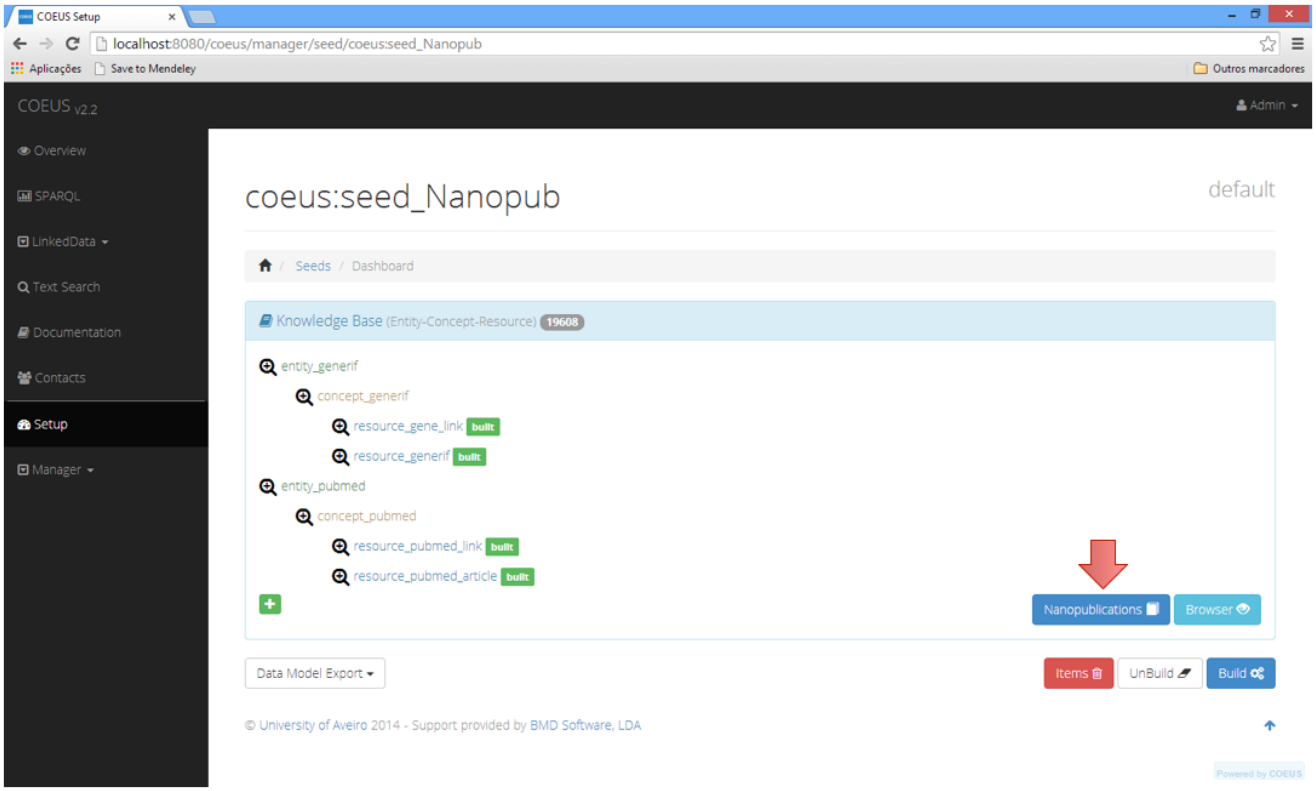
- COEUS Knowledge Base successfully built with the respective data concept items.
  - This tutorial contain information about the “GeneRIF” example. This information is used in the figures to demonstrate one example scenario. However, you can apply this tutorial to any example that you want because the steps are the same.

1.2 How to Generate Nanopubs

COEUS has now the capability to share your data in the Nanopublication format. With this new plugin you can transform your integrated data in this prominent format by following the next steps.

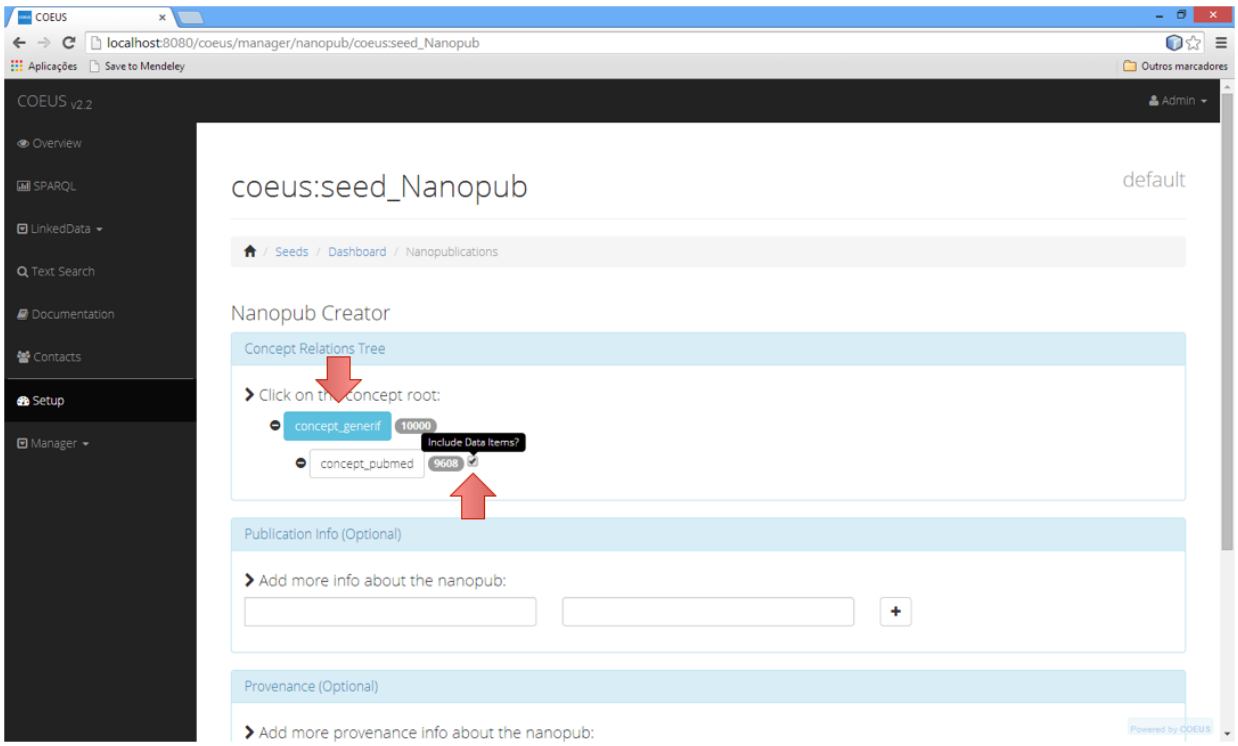
1.2.1 Go to Dashboard

- Go to the seed dashboard that you want to generate nanopublications. You must verify at your dashboard seed to see the total of concept data items (e.g. in the next figure the number of total concept items is 19608).
- Click on the Nanopublications Button.



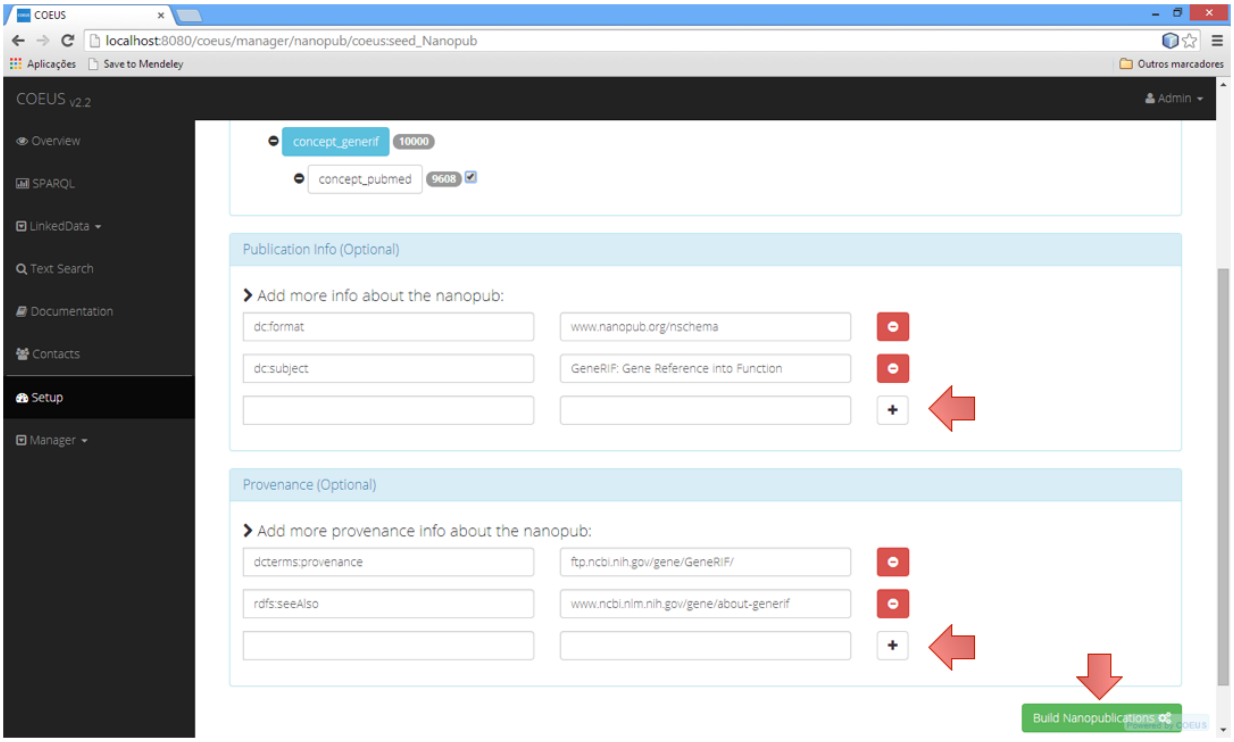
1.2.2 Choose the concept root

- Select the root concept that will generate the nanopublications. The number of generated nanopublications number will be equal to the number of concept data items root.
- Optionally you can select others concepts related data and include it in the final nanopublication.



1.2.3 Optional Information and Build Process

- Fill out the additional and provenance information about the nanopublications (Optional).
- Press the “Build Nanopublications” button to start the process.



1.2.4 Finish

- When finished you can view the concept data items according to the nanopublication format.