

# ETN\_Gitte\_Decat

2024-04-23

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## ETN

### Github

Github page where you can find all the data/info that is discussed in this ETN : [https://github.com/GitteDecatBIT/Internship\\_VIB\\_2024\\_GitteDecat.git](https://github.com/GitteDecatBIT/Internship_VIB_2024_GitteDecat.git)

### Week 1

**Monday 22/04/2024**

#### Exploring code from Biocypher (adapter)

First, I looked up some information to get more insight of what Biocypher exactly does. After this I looked for code that could help me understand what happens when an adapter is created. This code I found on the github page linked on the biocypher website. [https://github.com/HUBioDataLab/CROssBARv2/tree/main/bccb->string\\_adapter.py](https://github.com/HUBioDataLab/CROssBARv2/tree/main/bccb->string_adapter.py)

**Create TDP and ETN:** Start working ETN in Markdown

**Thursday 23/04/2024** Exploring code from Biocypher (adapter)

I tried to understand this string\_adapter.py code and tried to run it in my virtual studio code. i came accros a few problems that i had to figure out. First of all i had to install Biocypher and create a poetry environment. In this environment i could run the script after i downloaded all the tools/packages that were needed and did not have installed on my system yet.

#### Installation:

- Install pipx -> sudo dnf install pipx, pipx ensurepath
- Install poetry -> pipx install poetry
- Install biocypher via poetry -> create a environment and add biocyher there:poetry new Biocypher\_adapter, cd Biocypher\_adapter, poetry add biocypher

#### Install packages:

- Install bioregistry -> pip install bioregistry
- Install pypath-> pip install pypath-omnipath

Problem: the script did not run completely, when running it it stops after a few step and give the prompt back

**Wednesday 24/04/2024** Exploring code from Biocypher (tutorial\_adapter)

On the biocypher website you can find a tutorial on how the scripts should work. i performed this tutorial on my system and looked at different scripts that are provided there. i tried to figure out how all the scripts are connected to each other. tutorial on github: [Internship\\_VIB\\_2024\\_GitteDecat/Biocypher\\_tutorial/project-template](#) ##### Creating a workflow (creating a adapter) i started creating a workflow based on the tutorial. ##### Creating github page Started to create my github page to collect all my data/information

####Thursday 25/04/2024 ##### Updated ETN i updated my ETN for the past days (22-23 april) ##### Creating a workflow (creating a adapter) i finished the first version of the workflow based on the tutorial workflow on github: [Internship\\_VIB\\_2024\\_GitteDecat/Workflow/](#)