

DTU





**DTU Health Technology
Bioinformatics**

Week 8 Recap

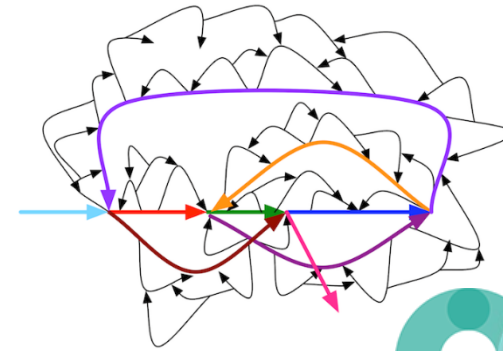
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Last Week



Two weeks ago...

- Metagenomics *de novo* assembly
- Talk by Henrik Bjørn from Clinical Microbiomics
- More exercises



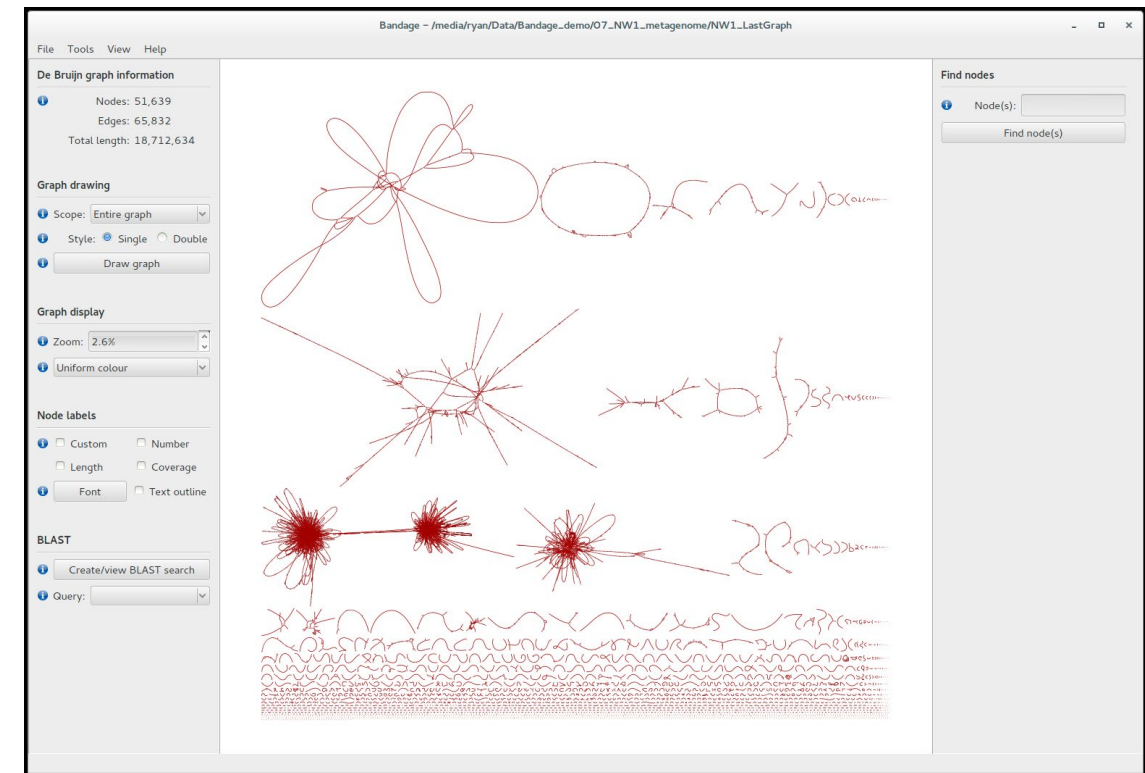
De novo assembly

- Metagenomics *de novo* assembly is even harder
- Currently we use de Bruijn graphs to assemble
- More exercises



De Bruijn graphs

- Really struggles with repetitive regions
 - Horizontally transferred regions
 - Closely related strains
 - Etc.



Today

- Metagenomic binning
- Even more exercises
- Start the project work!

