The script named “iterative\_bash.sh”, automates SPAdes use and output as well as definition of *sbatch* parameters. The script does so iteratively if multiple files need to be converted. This script will solely run on servers not on local hosts.

1. Check that you are in the spades folder (if no 🡪 navigate to spades-folder using cd –command)

pwd

1. Create folder for files to convert in spades folder

Mkdir <project\_folder\_name>

1. Add raw NGS read files (fw+rv reads; not merged) in .fastq format to the project folder. Use Global Connect Personal for file transfer
2. Run automation script using the following command (for detailed information and explanations, see detailed README file)

sbatch ./ code\_dont\_mess\_with\_it/ iterative\_bash.sh -o <Project\_folder\_name> -i <Integer> -t <meta|isolate> -f <string>

1. Transfer new .*fasta* files and any other relevant information to local computer using Global Connect Personal
2. Delete project folder to avoid cluttering of the spades main folder

Rmdir <project\_folder\_name>