

### GIT commands

git remote add origin ssh://gt adds the remote git to the local git repository

git push origin master pushes the local git to the remote repository

-dev/remotes/

### samtools

samtools bedcov bedfile bamfile > output Saves the coverage of the sample per position in the bed file

### blastn

-outfmt 0 = pairwise, 1 = query-anchored showing identities, 2 = query-anchored no identities, 3 = flat query-anchored, show identities, 4 = flat query-anchored, no identities, 5 = XML Blast output, 6 = tabular, 7 = tabular with comment lines, 8 = Text ASN.1, 9 = Binary ASN.1, 10 = Comma-separated values, 11 = BLAST archive format (ASN.1), 12 = JSON Seqalign output, 13 = JSON Blast output, 14 = XML2 Blast output

-task <String, Permissible values: 'blastn' 'blastn-short' 'dc-megablast' 'megablast' 'rmbblastn' >

-subject reference fasta

-query to blast fasta

-out output name

- perc\_ident  
ity minimum percentage identity

- word\_size size of the words used for searching

blastn -help

### linux commands

df -a shows hdd space (also remote)

sort input.txt | uniq > output.txt remove duplicates in file to new file

### Docker

run <image> creates a container from image, and starts it

start <name|id> starts a stopped container by name/id

stop <name|id> stops a running container by name/id

ps [-a] shows all containers/includes stopped containers

rm <name|id> removes container from the machine

login log into docker hub

all commands start with docker

### GitPitch

<https://gitpitch.com/user/r-epo> location to presentation

