Oscar: R

Loading and Launching R

1. Once authenticated to Oscar, use the following commands at the command line.

2. Start an interactive job by using the `interact` command. This command can take additional parameters to extend the resources and time allotted to the node as well as the partition that the node operates on.

3. To load R, use `module load r/4.4.2-re5rjx3`, or another version of your preference (if running Oscar in PuTTY, pasting text is done by right-clicking).

4. Once inside the container's shell, use `R` to launch the R console.

Installing R packages

1. R packages need to be installed locally.

2. First, load the R version that you want to use the package with: `module load r/4.2.2`.

3. Start R Session `R`.

4. For packages that require code to be complied, install them in the log in node. Refer to more information here.

5. To reinstall packages, start a new session by:

```
module load r/4.2.2
R
```

6. Then, update packages with `update.packages(checkBuilt=TRUE, ask=FALSE)`.

7. To uninstall packages, start an R session. Then run `remove.packages("wordcloud")`(word cloud can be replaced with string of another package name).

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