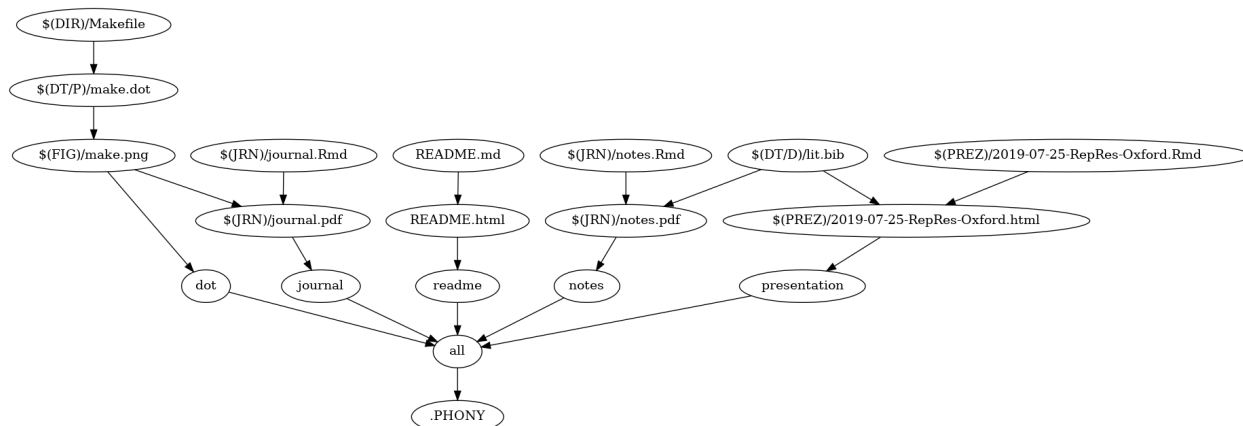


Journal

Monday 22.7.2019

- Create new repo on github, clone to local, start new Rstudio project using standard template.
- clean up makefile and get it to work!
- missing packages, manage to install V8 (via `yay -S v8-3.14-bin`) and DiagrammeRsvg
- `make dot` throws error though: “fatal error in ../src/platform-linux.cc, line 782”, "CHECK-EQ(0,result) failed. Expected: 0 Found:22
- OK, looks like there is an issue with how I've installed V8 on this laptop, seems that DiagrammeRsvg—although installed ok—doesn't actually work.
- So I'll remove the `dot.png` from the makefile, that's the only place it is used anyway..
- to demo the idea i can still use an old example.
- oh, wow actually there's a command called `dot` in shell that does about 7 steps of my old R script in one. I've changed to that!
- OK, this now works, I need to update the template! todo. So this is what my makefile looks like graphically at the minute:



OK, now let's have a look at `packrat`. * run `packrat::init()` * initialization complete!

Tuesday 23.7.2019

Oh dear lord, couldn't get one of the images (phd comics) to register the `out.width` parameter.. turns out [https://github.com/yihui/knitr/issues/1477] that you need to set both height and width if the image is too small. Works now. * OK, keep writing notes * actually makes more sense to just go straight to the presentation. Copy outline from teh SAGE one in March. * run with `xaringan` * this means updating makefile as well, with `rmd2xari` command. * todo: update the template. * OK, preparing slides and writing notes, and it turns out - i've had this problem before i think - that when i have too many notes for a slide, i cannot read them anymore, they disappear off the screen. The solution is to break it up into several slides that seemingly overlay, so look like incremental bullets. * error in `papers$key` was produced because i once forgot to put the bibliography argument in the `Cite()` call, and took me forever to figure out. * try to get small font so i'd be able to fit all references on one page, but seems too complicated right now. looks like requires `my-theme.css`, but not sure where to put it.. todo. * make qr code for repo for last page * change two column setup in css by copying the whole default one to `my-css`, and placing it in the same folder as the `.Rmd` file.

Wednesday 24.7.2019

- packrat seems to automatically update my .gitignore file and delete /packrat/src/ which i am trying to ignore. this is fixed by going into packrat.opts and changing `vcs.ignore.src: TRUE`