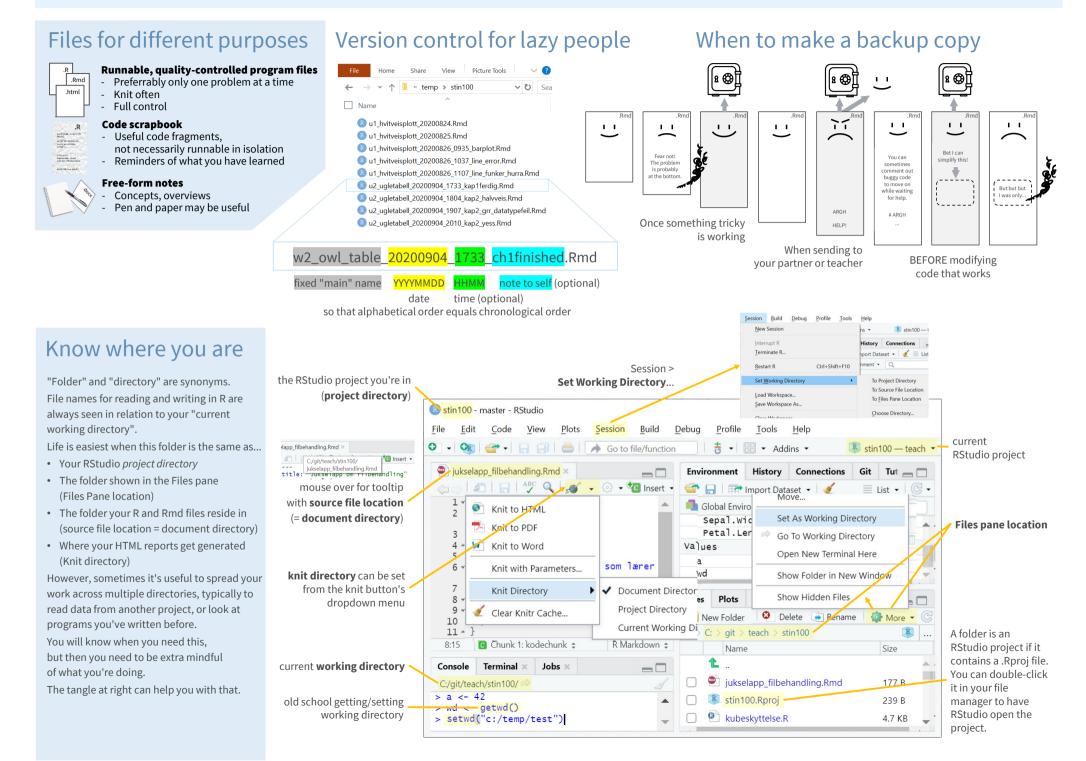
File management for the aspiring programmer



Examples of file paths

Windows:

If your working directory is c:\stin100\u1, then...

fish_weight.xlsx	means c:\stin100\u1\fish_weight.xlsx	a file in your working directory
fish\length.csv	means c:\stin100\u1\fish\length.csv	a file in a subdirectory to your working directory
\salad.dat	means c:\stin100\salad.dat	a file in the directory above your working directory
\chicken	means c:\stin100\chicken	a directory next to your working directory (or, rarely, a filename with no extension)
\\stat100\test.Rmd	means c:\stat100\test.Rmd	a file in a folder next to the one above your current working directory

Backslash \ is tricky. It serves both as folder separator on Windows (as shown above) and to indicate special control characters in R strings. For example, inside R text strings (data type character) \t means tabulator and \n means newline. To write an actual backslash, you must "escape" it with an extra backslash: \\ Telling R about a Windows file path might look like e.g. read.csv("fish\\length.csv"). (Entering read.csv("fish\length.csv") gives Error: '\l' is an unrecognized escape in character string starting ""fish\l".) Fortunately, you can use forward slashes / instead. This is what's used on Mac og Linux, see below.

Mac and Linux:

The tilde ~ means your "home directory", often an alias for something like /home/users/thorvald/. If your current working directory is ~/stin100/u1, then...

fish_weight.xlsx	means ~/stin100/u1/fish_weight.xlsx	a file in your working directory
fish/length.csv	means ~/stin100/u1/fish/length.csv	a file in a subdirectory to your working directory
/salad.dat	means ~/stin100/salad.dat	a file in the directory above your working directory
/chicken	means ~/stin100/chicken	a directory next to your working directory (or, rarely, a filename with no extension)
//stat100/test.Rmd	means ~/stat100/test.Rmd	a file in a folder next to the one above your current working directory

Console	Terminal \times	Jobs ×
c:/stin100	/u1/ 🖈	
> read.	table("fi	
	🗀 f	fisk
	[] f	fiskevekt.xlsx

RStudio offers tab completion of file paths.

In our example above, you might type read.table("

and press **Tab**, and a box pops up where you can use the arrow keys to pick the desired file name. Suggestions will be limited to match what you've typed so far, e.g. read.table("fi + Tab.

Console	Terminal \times	Jobs ×							
c:/stin100/u1/ ≈ > read.table("fisk/									
		lengde.csv	fisk						
	<u> </u>	ıer.mp3	fisk						