Quick tips for organizing computational code

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Quick tips about organizing data analysis files

- Keep the raw data safe
- Organize the process of data analysis within a sequence of files that can be executed one after another
- Use literate programming software such as **Rmarkdown** or `markdoc` for explaining the code and interpreting the results
- Generate dynamic analysis documents for your analysis
- nest and organize the analysis script files within a main script file that can rerun the complete data analysis process

```stata
// set the analysis path
cd "path/to/directory"

// load the raw data and prepare it for the analysis
markdoc prepare.do, export(pdf) mini replace

// descriptive statistics report, from descriptive.do
markdoc descriptive.do, export(docx) mini replace

// the main analysis report, from analysis.do
markdoc analysis.do, export(docx) mini replace
```

Figure 1: An example of a main.do file for Stata)