* Look up Steve Jobs commencement speech, worth my time
* On the package currently, we depend on igraph, which he would like to change
  + What we are stealing from igraph now is the layout algorithm
    - Layout- where the points actually are
    - Goal of algorithm, mimize the energy in the system
    - Art and science built into things
      * Fructman Reingold
      * Sugiyama
        + Directed acyclic

Directed: needs an arrow pointing (I am your follower)

Acyclic: I can’t follow you but you can follow me

Trees are a great example of this

* + Priority number two
* In the middle of a function, press F1 to open file
  + Control click will give you the definition
  + Control “.” – searches functions and/or files
  + Control shift “L”- loads the package
  + In command line, ctrl R gives you reverse search back through your history
    - Ctrl R moves through each selection
  + Ctrl shift F, restart R session
  + In R only, the L stands for integer
  + In R, everything for degrees is in radians
* “str(object)” – shows what the object is made of
* Children: number of nodes plus number of edges
* Copy: separate from original, won’t mess up the original
  + Environments access things by reference
* ^vertex\\.
  + ^ - starts with
  + \\. – ends with dot
  + $ - ends with
* Read about viewports later on