

Plan for today

- recursive functions on natural numbers
 - n recursions to produce result
- one task per function
 - using helper rules to structure a larger program
 - using wish-list entries to structure process of designing the program

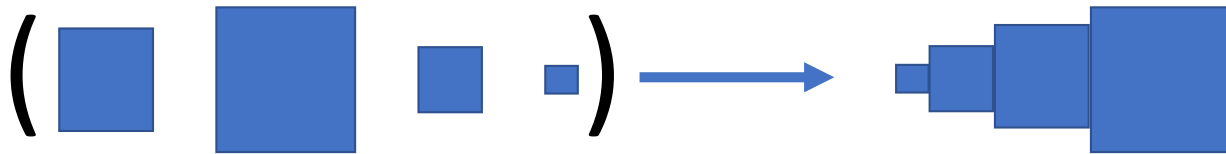
one task per function

reference rule

function composition

operate on arb-sized data

switch in knowledge domain of fn



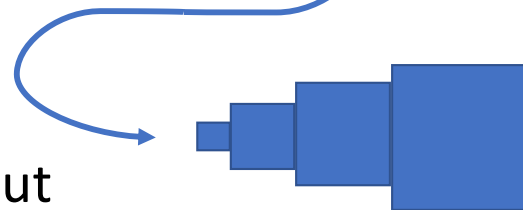
this doesn't work in
one recursion
through the list



sort



layout

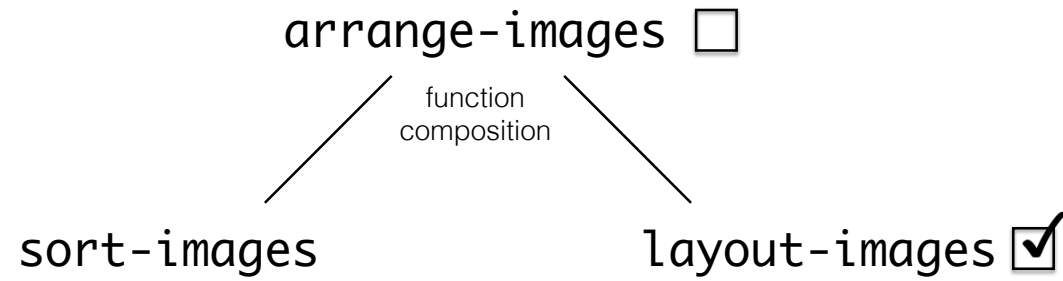


instead have to
compose two
functions, sorting must
complete before laying
out can begin

arrange-images ☐

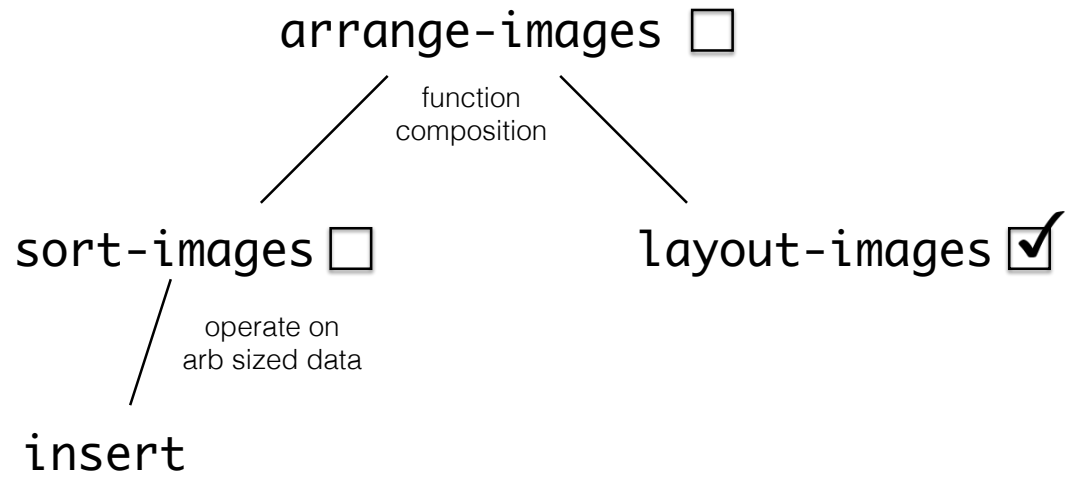
☐ HtDF, through code body

✓ all wishes done, tested



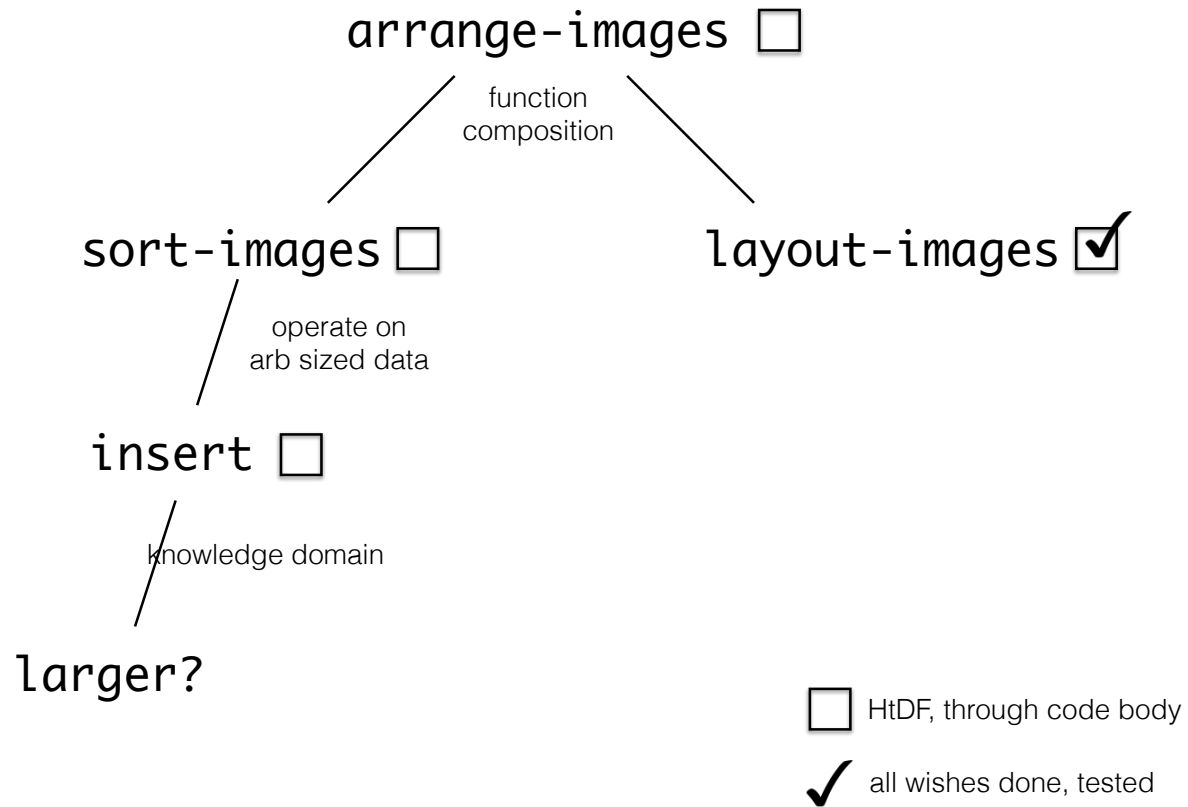
☐ HtDF, through code body

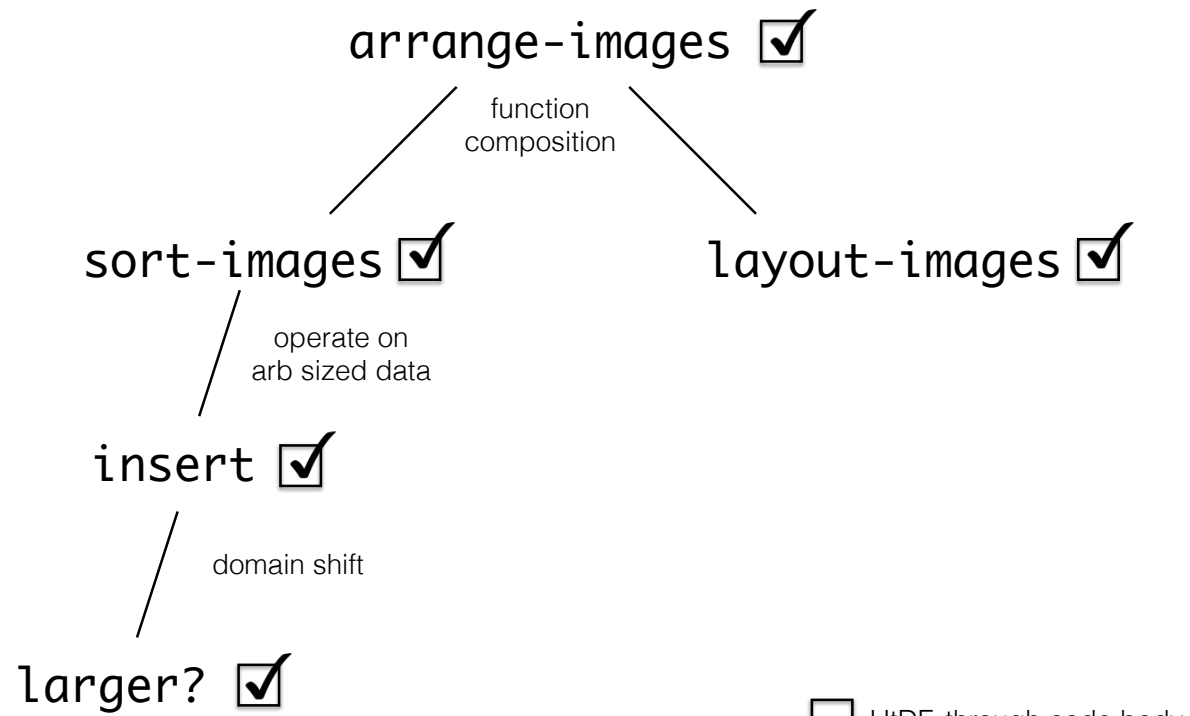
☒ all wishes done, tested



☐ HtDF, through code body

☒ all wishes done, tested





☐ HtDF, through code body

✓ all wishes done, tested