## Rstudio has a graphical debugger

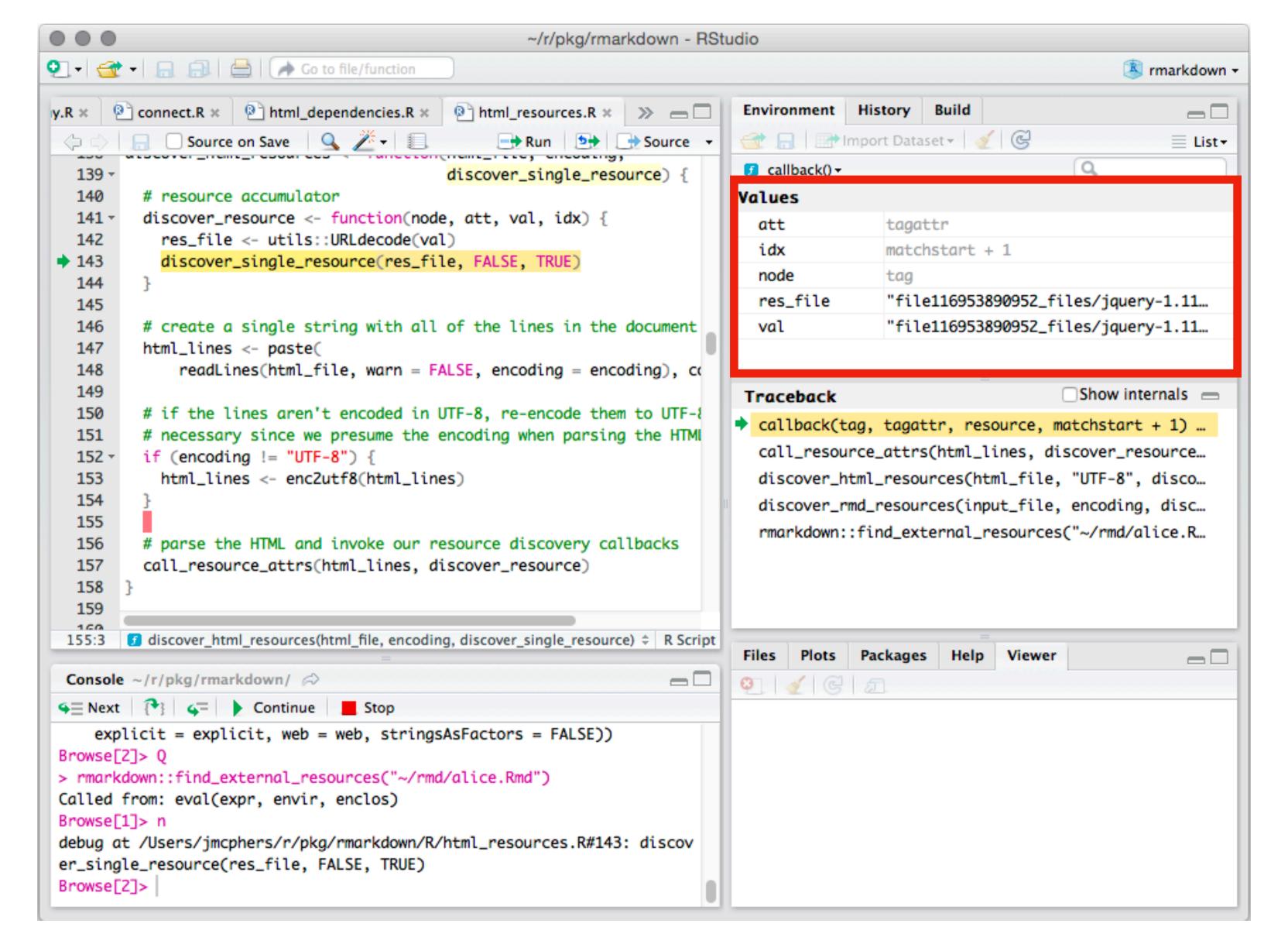
~/r/pkg/rmarkdown - RStudio

• Go to file/function rmarkdown • y.R × 2 connect.R × 2 html\_dependencies.R × 2 html\_resources.R × >> \_ \_\_ \_\_ Environment History Build  $-\Box$ 👚 🔚 🔛 Import Dataset 🗸 🎻 🤘 Source on Save | 🔍 🎢 🔻 📗 ≡ List + Run Source -Q discover\_single\_resource) { 139 -140 # resource accumulator Values discover\_resource <- function(node, att, val, idx) {</pre> 141 tagattr att res\_file <- utils::URLdecode(val) 142 matchstart + 1 idx discover\_single\_resource(res\_file, FALSE, TRUE) 143 node 144 "file116953890952\_files/jquery-1.11... res\_file 145 146 # create a single string with all of the lines in the document "file116953890952\_files/jquery-1.11... val 147 html\_lines <- paste( readLines(html\_file, warn = FALSE, encoding = encoding), co 148 149 Show internals — Traceback 150 # if the lines aren't encoded in UTF-8, re-encode them to UTF-8 callback(tag, tagattr, resource, matchstart + 1) ... 151 # necessary since we presume the encoding when parsing the HTML call\_resource\_attrs(html\_lines, discover\_resource... 152 if (encoding != "UTF-8") { discover\_html\_resources(html\_file, "UTF-8", disco... 153 html\_lines <- enc2utf8(html\_lines)</pre> 154 discover\_rmd\_resources(input\_file, encoding, disc... 155 rmarkdown::find\_external\_resources("~/rmd/alice.R... 156 # parse the HTML and invoke our resource discovery callbacks 157 call\_resource\_attrs(html\_lines, discover\_resource) 158 159 f discover\_html\_resources(html\_file, encoding, discover\_single\_resource) 
R Script Files Plots Packages Help Viewer Console ~/r/pkg/rmarkdown/ 🙈 9 4 G 2 Stop Stop explicit = explicit, web = web, stringsAsFactors = FALSE)) Browse[2]> Q > rmarkdown::find\_external\_resources("~/rmd/alice.Rmd") Called from: eval(expr, envir, enclos) Browse[1]> n debug at /Users/jmcphers/r/pkg/rmarkdown/R/html\_resources.R#143: discov er\_single\_resource(res\_file, FALSE, TRUE) Browse[2]>

Step through code line-by-line

0 0 0

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**Inspect data**