

CONFIDENTIAL

Deployment testing summary



Testing performed by	Dan Polhamus Senior Scientist Metrum Research Group LLC 2 Tunxis Road, Suite 112 Tariffville, CT Phone: Fax: 860-372-7988 Email:
(Sign and print name)	
Dates (YYYY-MM-DD)	



Testing log

RID	Торіс	Test ID	Step Description	Expected Result	Qualification Note(s)	Pass/Fail
1	The app is under version control	1	Record commit ID for tagged release	git commit ID		
2	Installation package and instructions work to create new app on a new Envision workflow	1	Launch a new Envision workflow	Launch successful		
		2	Upload installation package to Envision workflow via Rstudio	Upload successful		
		3	As root, run asRootpkgSetup.R: cd script sudo R CMD BATCH asRootpkgSetup.R	No errors in as.RootpkgSetup.Rout		
		4	As user, run pkgSetup.R: cd script R CMD BATCH pkgSetup.R	No errors in pkgSetup.Rout		
		5	Copy shiny-server config file to correct location: cp script/shiny-server.conf /etc/shiny-server/shiny-server.conf	Copy successful		
		6	Ensure application is running: Log in to Metworx dashboard, click "Envision", click "TFL Generator",	Application is running		



Appendix

Screenshots



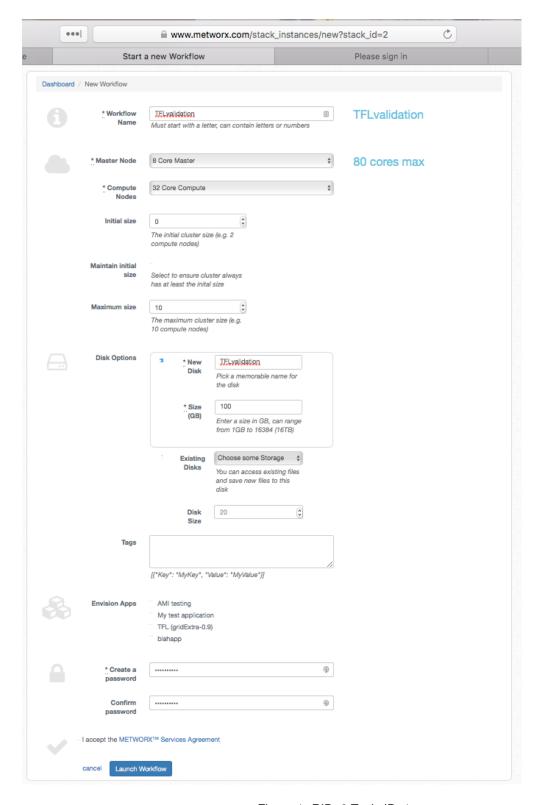


Figure 1: RID: 2 Topic ID: 1





Figure 2: RID: 2 Topic ID: 1

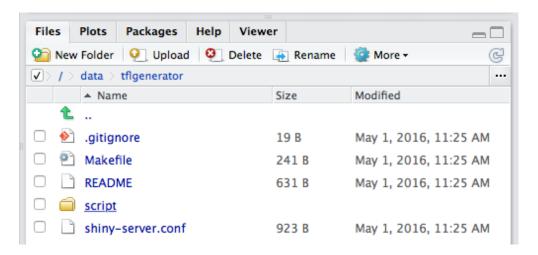


Figure 3: RID: 2 Topic ID: 2



Listings

RID: 2 Topic ID: 4

```
R version 3.2.3 (2015-12-10) -- "Wooden Christmas-Tree"
Copyright (C) 2015 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-qnu (64-bit)
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.
 Natural language support but running in an English locale
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
> #' This must be run first to force installation of archived gridExtra and ggplot2, and re
> #' This will install into /usr/local/lib/R/site-library as it appears before /usr/lib/R/.
> #' on the site PATH. Shiny should find these older instantiations in /usr/local/lib/R/s.
> # system("apt-get install -y imagemagick") # This is no longer necessary as it is instal.
> author <- c("root")</pre>
> dir.create("/root/Rpkg")
Warning message:
In dir.create("/root/Rpkg") : '/root/Rpkg' already exists
> download.file("https://cran.r-project.org/src/contrib/Archive/ggplot2/ggplot2_1.0.1.tar.
            destfile="/root/Rpkg/ggplot2_1.0.1.tar.gz")
--2016-05-01 15:26:46-- https://cran.r-project.org/src/contrib/Archive/ggplot2/ggplot2_1.
Resolving cran.r-project.org (cran.r-project.org)... 137.208.57.37
Connecting to cran.r-project.org (cran.r-project.org) |137.208.57.37|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2351203 (2.2M) [application/x-gzip]
Saving to: '/root/Rpkg/ggplot2_1.0.1.tar.gz'
    0K ..... 2% 99.0K 23s
   50K ..... 4% 149K 18s
  100K ...... 6% 296K 14s
  150K ...... 8% 298K 12s
  200K ...... 10% 31.9M 10s
  250K ...... 13% 298K 9s
  300K ...... 15% 8.50M 8s
  350K ...... 17% 307K 7s
  400K ...... 19% 298K 7s
  450K ..... 21% 66.9M 6s
  500K ..... 23% 9.82M 5s
  550K ...... 26% 307K 5s
```

600K 28% 73.4M 5s



```
650K ...... 30% 10.6M 4s
 700K ...... 32% 306K 4s
 750K ...... 34% 76.6M 4s
 800K ...... 37% 65.2M 3s
 850K ..... 39% 12.0M 3s
 900K ...... 41% 307K 3s
 1000K ...... 45% 73.8M 3s
 1050K ...... 47% 11.3M 2s
 1100K ...... 50% 308K 2s
 1150K ...... 52% 76.4M 2s
 1200K ...... 54% 30.2M 2s
 1250K ...... 56% 13.0M 2s
 1300K ...... 58% 309K 2s
 1350K ...... 60% 59.8M 2s
 1400K ...... 63% 67.0M 1s
 1450K ...... 65% 43.3M 1s
 1500K ...... 67% 80.6M 1s
 1550K ...... 69% 11.7M 1s
 1600K ...... 71% 310K 1s
 1650K ...... 74% 55.0M 1s
 1700K ...... 76% 63.9M 1s
 1750K ...... 78% 77.6M 1s
 1800K ...... 80% 46.9M 1s
 1850K ...... 82% 12.3M 1s
 1900K ...... 84% 311K 1s
 1950K ...... 87% 61.9M 0s
 2000K ..... 89% 39.5M 0s
 2050K ...... 91% 59.8M 0s
 2100K ..... 93% 91.7M 0s
 2150K ...... 95% 52.7M 0s
 2200K ..... 97% 74.1M 0s
 2250K ......
                               100% 12.2M=2.9s
2016-05-01 15:26:50 (800 KB/s) - '/root/Rpkg/ggplot2_1.0.1.tar.gz' saved [2351203/2351203]
> download.file("https://cran.r-project.org/src/contrib/Archive/gridExtra/gridExtra_0.9.ta
        destfile=file.path("/root/Rpkg/gridExtra_0.9.tar.gz"))
--2016-05-01 15:26:50-- https://cran.r-project.org/src/contrib/Archive/gridExtra/gridExtra
Resolving cran.r-project.org (cran.r-project.org)... 137.208.57.37
Connecting to cran.r-project.org (cran.r-project.org) | 137.208.57.37 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 29217 (29K) [application/x-gzip]
Saving to: '/root/Rpkg/gridExtra_0.9.tar.gz'
                               100% 163K=0.2s
  OK ..... .... .....
2016-05-01 15:26:51 (163 KB/s) - '/root/Rpkg/gridExtra_0.9.tar.gz' saved [29217/29217]
> download.file("https://cran.r-project.org/src/contrib/Archive/Hmisc_1.17-0.tar.gz"
        destfile=file.path("/root/Rpkg/Hmisc_3.17-0.tar.gz"))
```

--2016-05-01 15:26:51-- https://cran.r-project.org/src/contrib/Archive/Hmisc/Hmisc_3.17-0



```
Resolving cran.r-project.org (cran.r-project.org)... 137.208.57.37
Connecting to cran.r-project.org (cran.r-project.org) | 137.208.57.37 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 635966 (621K) [application/x-gzip]
Saving to: '/root/Rpkg/Hmisc_3.17-0.tar.gz'
   OK ...... 8% 98.8K 6s
   50K ...... 16% 295K 4s
  100K ...... 24% 239K 3s
  150K ...... 32% 388K 2s
  200K ...... 40% 297K 2s
  250K ...... 48% 297K 1s
  300K ...... 56% 69.9M 1s
  350K ...... 64% 1.21M 1s
  400K ...... 72% 388K 1s
  450K ...... 80% 74.6M 0s
  500K ...... 88% 298K 0s
  550K ...... 96% 76.1M Os
                                             100% 43.4M=1.7s
2016-05-01 15:26:53 (368 KB/s) - '/root/Rpkg/Hmisc_3.17-0.tar.gz' saved [635966/635966]
> library(tools)
> write_PACKAGES("/root/Rpkg")
> install.packages(c("ggplot2", "gridExtra", "Hmisc"),
              lib = .libPaths()[1],
              contriburl = c(paste("file://", "root/Rpkq", sep="")),
             type = "source",
              INSTALL_opts="--no-multiarch")
* installing *source* package âĂŸggplot2âĂŹ ...
** package âĂŸggplot2âĂŹ successfully unpacked and MD5 sums checked
** R
** data
*** moving datasets to lazyload DB
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (ggplot2)
* installing *source* package âĂŸgridExtraâĂŹ ...
** package âĂŸgridExtraâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
```



11.124 1.924 29.385

```
* DONE (gridExtra)
* installing *source* package âĂŸHmiscâĂŹ ...
** package âĂŸHmiscâĂŹ successfully unpacked and MD5 sums checked
gcc -std=gnu99 -I/usr/share/R/include
                                           -fpic -g -02 -fstack-protector --param=ssp-
qfortran -fpic -q -02 -c cidxcn.f -o cidxcn.o
qfortran -fpic -g -O2 -c cidxcp.f -o cidxcp.o
gfortran -fpic -g -02 -c hoeffd.f -o hoeffd.o
gfortran -fpic -g -02 -c jacklins.f -o jacklins.o
gfortran -fpic -g -O2 -c largrec.f -o largrec.o
gcc -std=gnu99 -I/usr/share/R/include
                                           -fpic -g -02 -fstack-protector --param=ssp-1
gfortran -fpic -g -O2 -c maxempr.f -o maxempr.o
                                      -fpic -q -02 -fstack-protector --param=ssp-
gcc -std=gnu99 -I/usr/share/R/include
gcc -std=gnu99 -I/usr/share/R/include -fpic -g -02 -fstack-protector --param=ssp-1
gfortran -fpic -g -02 -c rcorr.f -o rcorr.o
gcc -std=gnu99 -I/usr/share/R/include
                                           -fpic -g -02 -fstack-protector --param=ssp-
gfortran -fpic -g -02 -c wclosest.f -o wclosest.o
gcc -std=gnu99 -shared -L/usr/lib/R/lib -Wl,-Bsymbolic-functions -Wl,-z,relro -o Hmisc.so
installing to /usr/local/lib/R/site-library/Hmisc/libs
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (Hmisc)
> system("restart shiny-server")
shiny-server start/running, process 10523
> proc.time()
  user system elapsed
```



RID: 2 Topic ID: 5

```
R version 3.2.3 (2015-12-10) -- "Wooden Christmas-Tree"
Copyright (C) 2015 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.
 Natural language support but running in an English locale
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
[Previously saved workspace restored]
> # Expects to be run from script
> author <- c("danp", "polhamus")</pre>
> pkgs <- c('metrumrg','shinyFiles','animation','gdata','shinydashboard',</pre>
            'DT','rtf','lazyeval','dplyr','DBI','ggplot2','gridExtra','GUI','TFL')
> # Create the shiny path and touch some files there so the Makefile can run
> dir.create("/data/shiny-server/TFL generator")
> system("touch /data/shiny-server/TFL\\ generator/server.R")
> system("touch /data/shiny-server/TFL\\ generator/ui.R")
> system("touch /data/shiny-server/TFL\\ generator/restart.txt")
> od <- getwd()</pre>
> setwd("..")
> system("make update_server signal_restart")
cp script/server.R script/ui.R /data/shiny-server/TFL\ generator
touch /data/shiny-server/TFL\ generator/restart.txt
> user <- Sys.info()["user"]</pre>
> parentScriptDir <- getwd() ## You may need to mod this to be in the top level of scriptD
> if(!exists("pkgDir")) pkgDir <- file.path(parentScriptDir, "pkg")</pre>
> libDir <- file.path(parentScriptDir, "lib")</pre>
> dir.create(libDir)
> dir.create(pkgDir)
> .libPaths(libDir)
> mycran <- paste("file://", pkgDir, sep="")</pre>
> library(tools)
> if(file.exists(file.path(pkgDir, "PACKAGES"))) {
    available <- available.packages(contriburl=mycran)[,"Package"]</pre>
+ }else{
  write_PACKAGES(pkgDir)
    available <- available.packages(contriburl=mycran)[,"Package"]</pre>
```



```
+ }
>
> ## Only authors can install from CRAN and write_PACKAGES
> fromCRAN <- user %in% author
> if(fromCRAN){
      newpkgs <- setdiff(pkgs, available)</pre>
      write_PACKAGES(pkgDir)
     # We want the old version of gridExtra
     if("gridExtra" %in% newpkgs){
       download.file("https://cran.r-project.org/src/contrib/Archive/gridExtra/gridExtra_0
+
       write_PACKAGES(pkgDir)
+
+
     if("audited" %in% newpkgs){
        download.file("https://metrumrg-soft.s3.amazonaws.com/audited/audited_1.9.tar.gz",
+
        write_PACKAGES(pkgDir)
+
      if("fork" %in% newpkgs){
+
        download.file("https://metrumrq-soft.s3.amazonaws.com/fork/fork 1.2.4.tar.gz", dest
+
+
        write_PACKAGES(pkgDir)
      if("review" %in% newpkgs){
        download.file("https://metrumrg-soft.s3.amazonaws.com/review/review_2.5.tar.gz",dea
+
        write_PACKAGES(pkgDir)
+
      if("metrumrg" %in% newpkgs){
+
        download.file("http://download.r-forge.r-project.org/src/contrib/metrumrg_5.57.tar
        write_PACKAGES(pkgDir)
      }
      if (length (newpkgs) > 0) {
+
                 install.packages (newpkgs,
+
                                  lib=libDir,
                                  contriburl=c(mycran,
+
                                                contrib.url("http://r-forge.r-project.org",";
+
                                                contrib.url("https://cran.rstudio.com/", "sou
+
                                  destdir=pkqDir,
+
                                  type="source",
                                  INSTALL_opts="--no-multiarch")
+
                 write_PACKAGES (pkgDir)
              }
      ## If multiple authors gcing each other, a package could be available but uninstalled
+
      uninstalled <- setdiff(pkgs, installed.packages(libDir))</pre>
      if (length (uninstalled) > 0) {
        install.packages (uninstalled,
                          lib = libDir,
+
                          contriburl = mycran,
                          type = "source",
                          INSTALL_opts="--no-multiarch")
--2016-05-01 15:27:51-- https://cran.r-project.org/src/contrib/Archive/gridExtra/gridExtra
Resolving cran.r-project.org (cran.r-project.org)... 137.208.57.37
```



```
Connecting to cran.r-project.org (cran.r-project.org) | 137.208.57.37 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 29217 (29K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/gridExtra 0.9.tar.gz'
  OK ..... .... .....
                              100% 170K=0.2s
2016-05-01 15:27:52 (170 KB/s) - 'data/tflgenerator/pkg/gridExtra_0.9.tar.gz' saved [2921]
--2016-05-01 15:27:52-- http://download.r-forge.r-project.org/src/contrib/metrumrg_5.57.ta
Resolving download.r-forge.r-project.org (download.r-forge.r-project.org)... 137.208.57.38
Connecting to download.r-forge.r-project.org (download.r-forge.r-project.org) | 137.208.57.3
HTTP request sent, awaiting response... 200 OK
Length: 2136331 (2.0M) [application/x-gzip]
Saving to: 'pkg/metrumrg_5.57.tar.gz'
  OK ...... 2% 148K 14s
  50K ...... 4% 295K 10s
 100K ...... 7% 296K 9s
 150K ...... 9% 296K 8s
 200K ...... 11% 296K 7s
 250K ...... 14% 297K 7s
 300K ...... 16% 1.31M 6s
 350K ...... 19% 380K 6s
 400K ...... 21% 1.31M 5s
 450K ...... 23%
 500K ..... 26% 65.7M 4s
 550K ..... 28% 1.32M 4s
 600K ...... 31% 381K 4s
 650K ..... 33% 69.7M 3s
 700K ...... 35% 1.33M 3s
 750K ...... 38% 1.28M 3s
 800K ...... 40% 535K 3s
 850K ...... 43% 73.2M 2s
 900K ...... 45% 1.33M 2s
 950K ...... 47% 70.8M 2s
1000K ...... 50% 1.29M 2s
1050K ...... 52% 536K 2s
1100K ...... 55% 1.32M 2s
1150K ...... 57% 88.6M 2s
1200K ...... 59% 1.29M 1s
1250K ...... 62% 78.5M 1s
1300K ...... 64% 81.4M 1s
1350K ...... 67% 541K 1s
1400K ...... 69% 43.9M 1s
1450K ...... 71% 1.35M 1s
1500K ...... 74% 1.29M 1s
1550K ...... 76% 81.4M 1s
1600K ...... 79% 80.4M 1s
1650K ...... 81% 93.9M 1s
1700K ...... 83% 1.31M 0s
```

1750K 86% 912K 0s

100% 117M=1.1s



1800K 88% 34.8M Os 1850K 91% 1.37M Os
1900K 91% 1.37M 0S
1950K 95% 1.26M 0S
2000K 98% 82.1M 0s
2050K 100% 155M=2.4s
2030K 100% 135M-2.48
2016-05-01 15:27:55 (854 KB/s) - 'pkg/metrumrg_5.57.tar.gz' saved [2136331/2136331]
also installing the dependencies âĂŸreshapeâĂŹ, âĂŸRJSONIOâĂŹ, âĂŸgtoolsâĂŹ, âĂŸhtmlwidgets
2016-05-01 15:27:59 https://cran.rstudio.com/src/contrib/reshape_0.8.5.tar.gz Resolving cran.rstudio.com (cran.rstudio.com) 52.84.19.102 Connecting to cran.rstudio.com (cran.rstudio.com) 52.84.19.102 :443 connected. HTTP request sent, awaiting response 200 OK Length: 42350 (41K) [application/x-gzip] Saving to: '/data/tflgenerator/pkg/reshape_0.8.5.tar.gz'
0K 100% 2.44M=0.02s
2016-05-01 15:27:59 (2.44 MB/s) - '/data/tflgenerator/pkg/reshape_0.8.5.tar.gz' saved [423
2016-05-01 15:27:59 https://cran.rstudio.com/src/contrib/RJSONIO_1.3-0.tar.gz Resolving cran.rstudio.com (cran.rstudio.com) 52.84.19.102 Connecting to cran.rstudio.com (cran.rstudio.com) 52.84.19.102 :443 connected. HTTP request sent, awaiting response 200 OK Length: 1148375 (1.1M) [application/x-gzip] Saving to: '/data/tflgenerator/pkg/RJSONIO_1.3-0.tar.gz'
40 05 777
0K 4% 257K 4s
50K 8% 736K 3s
100K 13% 422K 2s
150K 17% 5.97M 2s
200K 22% 891K 2s 250K 26% 796K 1s
750K
300K 31% 785K 1s
300K 31% 785K 1s 350K 35% 5.92M 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s 800K 75% 853K 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s 800K 75% 853K 0s 850K 80% 9.94M 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s 800K 75% 853K 0s 850K 80% 9.94M 0s 900K 84% 842K 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s 800K 75% 853K 0s 850K 80% 9.94M 0s 900K 84% 842K 0s 950K 89% 6.08M 0s
300K 31% 785K 1s 350K 35% 5.92M 1s 400K 40% 871K 1s 450K 44% 805K 1s 500K 49% 806K 1s 550K 53% 29.0M 1s 600K 57% 790K 1s 650K 62% 7.09M 1s 700K 66% 878K 0s 750K 71% 6.17M 0s 800K 75% 853K 0s 850K 80% 9.94M 0s 900K 84% 842K 0s

1100K



```
2016-05-01 15:28:00 (1.01 MB/s) - '/data/tflgenerator/pkg/RJSONIO 1.3-0.tar.gz' saved [114]
--2016-05-01 15:28:00-- https://cran.rstudio.com/src/contrib/gtools_3.5.0.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 64855 (63K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/gtools_3.5.0.tar.gz'
   0K ...... 78% 2.02M 0s
  50K ..........
                                         100% 219M=0.02s
2016-05-01 15:28:00 (2.55 MB/s) - '/data/tflgenerator/pkg/gtools_3.5.0.tar.gz' saved [6485]
--2016-05-01 15:28:00-- https://cran.rstudio.com/src/contrib/htmlwidgets_0.6.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 940844 (919K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/htmlwidgets 0.6.tar.gz'
   0K ...... 5% 2.20M 0s
  50K ...... 10% 6.33M 0s
  100K ...... 16% 6.40M 0s
  150K ...... 21% 6.80M 0s
  200K ...... 27% 6.69M 0s
  250K ...... 32% 6.73M 0s
  300K ...... 38% 6.79M 0s
  350K ...... 43% 7.02M 0s
  400K ...... 48% 6.92M 0s
  450K ..... 54% 72.4M 0s
  500K ...... 59% 7.56M 0s
  550K ...... 65% 56.1M 0s
  600K ...... 70% 73.4M 0s
  650K ...... 76% 8.06M 0s
  700K ...... 81% 65.2M Os
  750K ...... 87% 64.5M 0s
  800K ...... 92% 8.41M 0s
  850K ..... 97% 47.2M 0s
  900K .....
                                         100% 128M=0.1s
2016-05-01 15:28:01 (8.65 MB/s) - '/data/tflgenerator/pkg/htmlwidgets_0.6.tar.gz' saved [9-
--2016-05-01 15:28:01-- https://cran.rstudio.com/src/contrib/R.oo_1.20.0.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 402654 (393K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/R.oo_1.20.0.tar.gz'
   0K ...... 12% 3.45M 0s
```



```
50K ...... 25% 6.59M 0s
  100K ...... 38% 6.79M 0s
  150K ...... 50% 7.01M 0s
  200K ...... 63% 7.05M 0s
  250K ...... 76% 92.5M 0s
  300K ...... 89% 7.29M 0s
                                              100% 70.8M=0.05s
  2016-05-01 15:28:01 (7.61 MB/s) - '/data/tflgenerator/pkg/R.oo_1.20.0.tar.gz' saved [40265-
--2016-05-01 15:28:01-- https://cran.rstudio.com/src/contrib/R.methodsS3_1.7.1.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 25731 (25K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/R.methodsS3_1.7.1.tar.gz'
                                               100% 2.92M=0.008s
   0K ..... .... ....
2016-05-01 15:28:01 (2.92 MB/s) - '/data/tflgenerator/pkg/R.methodsS3_1.7.1.tar.gz' saved
--2016-05-01 15:28:01-- https://cran.rstudio.com/src/contrib/assertthat_0.1.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10187 (9.9K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/assertthat_0.1.tar.gz'
                                               100% 81.5M=0s
   0K .....
2016-05-01 15:28:01 (81.5 MB/s) - '/data/tflgenerator/pkg/assertthat_0.1.tar.gz' saved [10]
--2016-05-01 15:28:01-- https://cran.rstudio.com/src/contrib/shinyFiles_0.6.0.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 328142 (320K) [application/x-gzip]
Saving to: 'data/tflgenerator/pkg/shinyFiles_0.6.0.tar.gz'
   0K ...... 15% 262K 1s
   50K ...... 31% 388K 1s
  100K ...... 46% 801K 0s
  150K ...... 62% 784K 0s
  200K ...... 78% 786K 0s
  250K ...... 93% 788K Os
  300K .....
                                               100% 88.7M=0.6s
2016-05-01 15:28:02 (559 KB/s) - 'data/tflgenerator/pkg/shinyFiles_0.6.0.tar.gz' saved [3:
--2016-05-01 15:28:02-- https://cran.rstudio.com/src/contrib/animation_2.4.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
```

Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.



```
HTTP request sent, awaiting response... 200 OK
Length: 307746 (301K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/animation_2.4.tar.gz'
  0K ...... 16% 3.29M 0s
  50K ...... 33% 887K 0s
 100K ...... 49% 855K 0s
 150K ...... 66% 811K 0s
 200K ...... 83% 6.82M 0s
 250K ...... 99% 874K 0s
                                    100% 1017G=0.3s
 300K
2016-05-01 15:28:02 (1.15 MB/s) - '/data/tflgenerator/pkg/animation_2.4.tar.gz' saved [307
--2016-05-01 15:28:02-- https://cran.rstudio.com/src/contrib/gdata_2.17.0.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1041264 (1017K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/gdata_2.17.0.tar.gz'
  OK ...... 4% 6.69M Os
  50K ..... 9% 3.45M 0s
 100K ...... 14% 3.50M 0s
 150K ...... 19% 6.67M 0s
 200K ..... 24% 6.77M 0s
 250K ...... 29% 6.63M 0s
 300K ..... 34% 7.37M 0s
 350K ...... 39% 6.83M 0s
 400K ..... 44% 83.0M 0s
 450K ..... 49% 6.93M 0s
 500K ...... 54% 7.73M 0s
 550K ...... 59% 53.3M 0s
 650K ...... 68% 7.85M 0s
 700K ...... 73% 56.6M 0s
 750K ...... 78% 120M 0s
 800K ...... 83% 8.02M 0s
 850K ...... 88% 62.1M 0s
 900K ...... 93% 130M 0s
 950K ...... 98% 7.70M 0s
                                    100% 148M=0.1s
2016-05-01 15:28:03 (9.23 MB/s) - '/data/tflgenerator/pkg/gdata_2.17.0.tar.gz' saved [1041:
--2016-05-01 15:28:03-- https://cran.rstudio.com/src/contrib/shinydashboard_0.5.1.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 201151 (196K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/shinydashboard_0.5.1.tar.gz'
```



```
0K ...... 25% 262K 1s
   50K ...... 50% 372K 0s
  100K ...... 76% 396K 0s
                                              100% 729K=0.5s
  2016-05-01 15:28:03 (381 KB/s) - 'data/tflgenerator/pkg/shinydashboard_0.5.1.tar.gz' saved
--2016-05-01 15:28:03-- https://cran.rstudio.com/src/contrib/DT_0.1.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) |52.84.19.102|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 332407 (325K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/DT_0.1.tar.gz'
   OK ...... 15% 696K Os
   50K ...... 30% 904K 0s
  100K ...... 46% 674K 0s
  150K ...... 61% 820K 0s
  200K ...... 77% 895K 0s
  250K ...... 92% 787K 0s
  300K ..... .... ....
2016-05-01 15:28:04 (850 KB/s) - '\data/tflgenerator/pkg/DT_0.1.tar.gz' saved [332407/3324]
--2016-05-01 15:28:04-- https://cran.rstudio.com/src/contrib/rtf_0.4-11.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com)|52.84.19.102|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 189665 (185K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/rtf_0.4-11.tar.gz'
   0K ...... 26% 262K 1s
   50K ...... 53% 392K 0s
  100K ...... 80% 785K 0s
                                               100\% 554K=0.4s
  2016-05-01 15:28:04 (415 KB/s) - '\data\tflgenerator\pkg\rtf_0.4-11.tar.gz' saved [189665/
--2016-05-01 15:28:04-- https://cran.rstudio.com/src/contrib/lazyeval_0.1.10.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) |52.84.19.102|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 20833 (20K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/lazyeval_0.1.10.tar.gz'
   0K .....
                                               100% 2.67M=0.007s
2016-05-01 15:28:04 (2.67 MB/s) - '/data/tflgenerator/pkg/lazyeval_0.1.10.tar.gz' saved [2016-05-01 15:28:04 (2.67 MB/s) - '/data/tflgenerator/pkg/lazyeval_0.1.10.tar.gz'
--2016-05-01 15:28:04-- https://cran.rstudio.com/src/contrib/dplyr_0.4.3.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
```

Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.



```
HTTP request sent, awaiting response... 200 OK
Length: 655997 (641K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/dplyr_0.4.3.tar.gz'
  0K ...... 7% 2.00M 0s
  50K ..... 15% 5.81M 0s
 100K ...... 23% 3.04M 0s
 150K ...... 31% 5.89M 0s
 200K ...... 39% 3.09M 0s
 250K ...... 46% 5.79M 0s
 300K ..... 54% 3.10M 0s
 350K ..... 62% 5.75M 0s
 400K ...... 70% 6.05M 0s
 450K ...... 78% 5.84M 0s
 500K ...... 85% 6.48M 0s
 550K ...... 93% 6.15M 0s
 600K ..... .... .... .... ....
                                   100% 90.0M=0.1s
2016-05-01 15:28:05 (4.53 MB/s) - '/data/tflgenerator/pkg/dplyr 0.4.3.tar.gz' saved [65599]
--2016-05-01 15:28:05-- https://cran.rstudio.com/src/contrib/DBI 0.3.1.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 30106 (29K) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/DBI_0.3.1.tar.gz'
                                    100% 3.36M=0.009s
  OK ..... .... .....
2016-05-01 15:28:05 (3.36 MB/s) - '/data/tflgenerator/pkg/DBI_0.3.1.tar.gz' saved [30106/3
--2016-05-01 15:28:05-- https://cran.rstudio.com/src/contrib/ggplot2_2.1.0.tar.gz
Resolving cran.rstudio.com (cran.rstudio.com)... 52.84.19.102
Connecting to cran.rstudio.com (cran.rstudio.com) | 52.84.19.102 | :443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1571788 (1.5M) [application/x-gzip]
Saving to: '/data/tflgenerator/pkg/ggplot2_2.1.0.tar.gz'
  50K ..... 6% 6.52M 0s
 100K ...... 9% 3.45M 0s
 150K ...... 13% 6.61M 0s
 200K ...... 16% 3.48M 0s
 250K ...... 19% 6.79M 0s
 300K ..... 22% 6.63M 0s
 350K ..... 26% 6.83M 0s
 400K ...... 29% 94.4M 0s
 450K ...... 32% 6.77M 0s
 500K ...... 35% 7.31M Os
 550K ..... 39% 6.82M 0s
 600K ...... 42% 70.8M 0s
 650K ...... 45% 7.46M 0s
```



700K 48% 79.1M Os
750K 52% 6.75M Os
800K 55% 7.75M Os
850K 58% 63.8M Os
900K 61% 7.43M Os
950K 65% 55.6M Os
1000K
1050K 71% 7.42M Os
1100K 74% 68.1M Os
1150K 78% 111M 0s
1200K 81% 7.38M Os
1250K 84% 77.1M Os
1300K 87% 135M Os
1350K 91% 8.00M Os
1400K 94% 55.0M Os
1450K 97% 97.0M Os
1500K 100% 140M=0.2s
2016-05-01 15:28:05 (9.30 MB/s) - '/data/tflgenerator/pkg/ggplot2_2.1.0.tar.gz' saved [157]
2016-05-01 15:28:05 https://cran.rstudio.com/src/contrib/gridExtra_2.2.1.tar.gz Resolving cran.rstudio.com (cran.rstudio.com) 52.84.19.102 Connecting to cran.rstudio.com (cran.rstudio.com) 52.84.19.102 :443 connected. HTTP request sent, awaiting response 200 OK Length: 459488 (449K) [application/x-gzip] Saving to: '/data/tflgenerator/pkg/gridExtra_2.2.1.tar.gz'
0K 11% 1.95M 0s 50K 22% 2.98M 0s 100K 33% 5.58M 0s 150K 44% 5.70M 0s 200K 55% 2.94M 0s 250K 66% 5.78M 0s 300K 77% 3.24M 0s 350K 89% 5.75M 0s 400K 100% 4.89M=0.1s
2016-05-01 15:28:05 (3.75 MB/s) - \'data/tflgenerator/pkg/gridExtra_2.2.1.tar.gz' saved [45]
 * installing *source* package âĂŸreshapeâĂŹ ** package âĂŸreshapeâĂŹ successfully unpacked and MD5 sums checked ** R ** data
*** moving datasets to lazyload DB
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (reshape)
* installing *source* package âĂŸRJSONIOâĂŹ

* installing *source* package âĂŸRJSONIOâĂŹ ...



```
Trying to find lib; son.h header file
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
USE LOCAL = ""
Minor Version: 6
Using local libjson code. Copying files from src/libjson/Source
/tmp/Rtmp4Aj1qX/R.INSTALL2aa1230de58f/RJSONIO
JSONAllocator.cpp
JSONChildren.cpp
JSONDebug.cpp
JSONIterators.cpp
JSONMemory.cpp
JSONNode.cpp
JSONNode_Mutex.cpp
JSONPreparse.cpp
JSONStream.cpp
JSONValidator.cpp
JSONWorker.cpp
JSONWriter.cpp
internalJSONNode.cpp
libjson.cpp
configure: creating ./config.status
config.status: creating src/Makevars
config.status: creating cleanup
** libs
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NI
g++ -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NEW_STREAM -
q++ -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW JSON NEW STREAM -
g++ -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NEW_STREAM -
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NI
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NI
g++ -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NEW_STREAM -
g++ -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NEW_STREAM -
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NI
rlibjson.c: In function âĂŸR_fromJSONâĂŹ:
```

** package âĂŸRJSONIOâĂŹ successfully unpacked and MD5 sums checked



```
rlibjson.c:49:9: note: #pragma message: activate the debug_callback
 #pragma message("activate the debug_callback")
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG -I. -Ilibjson -Ilibjson/Source -DNEW_JSON_NI
g++ -shared -L/usr/lib/R/lib -Wl,-Bsymbolic-functions -Wl,-z,relro -o RJSONIO.so ConvertUT
installing to /data/tflgenerator/lib/RJSONIO/libs
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (RJSONIO)
* installing *source* package âĂŸgtoolsâĂŹ ...
** package âĂŸgtoolsâĂŹ successfully unpacked and MD5 sums checked
** libs
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG
                                                     -fpic -g -02 -fstack-protector --param
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG
                                                     -fpic -g -02 -fstack-protector --param
gcc -std=gnu99 -shared -L/usr/lib/R/lib -Wl,-Bsymbolic-functions -Wl,-z,relro -o gtools.so
installing to /data/tflgenerator/lib/gtools/libs
** R
** data
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (gtools)
* installing *source* package âĂŸhtmlwidgetsâĂŹ ...
** package âĂŸhtmlwidgetsâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (htmlwidgets)
* installing *source* package âĂŸR.methodsS3âĂŹ ...
** package âĂŸR.methodsS3âĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
*** installing help indices
** building package indices
\star\star testing if installed package can be loaded
* DONE (R.methodsS3)
* installing *source* package âĂŸassertthatâĂŹ ...
```



** R

```
** package âĂŸassertthatâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (assertthat)
* installing *source* package âĂŸanimationâĂŹ ...
** package âĂŸanimationâĂŹ successfully unpacked and MD5 sums checked
** data
*** moving datasets to lazyload DB
** demo
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (animation)
* installing *source* package âĂŸshinydashboardâĂŹ ...
** package âĂŸshinydashboardâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (shinydashboard)
* installing *source* package âĂŸlazyevalâĂŹ ...
** package âĂŸlazyevalâĂŹ successfully unpacked and MD5 sums checked
** libs
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG
                                                    -fpic -q -02 -fstack-protector --param
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG
                                                    -fpic -g -02 -fstack-protector --param
                                                    -fpic -g -02 -fstack-protector --param
gcc -std=gnu99 -I/usr/share/R/include -DNDEBUG
gcc -std=gnu99 -shared -L/usr/lib/R/lib -Wl,-Bsymbolic-functions -Wl,-z,relro -o lazyeval.
installing to /data/tflgenerator/lib/lazyeval/libs
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (lazyeval)
* installing *source* package âĂŸDBIâĂŹ ...
** package âĂŸDBIâĂŹ successfully unpacked and MD5 sums checked
```



RESEARCH GROUP

```
** preparing package for lazy loading
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (DBI)
* installing *source* package âĂŸggplot2âĂŹ ...
** package âĂŸggplot2âĂŹ successfully unpacked and MD5 sums checked
** R
** data
*** moving datasets to lazyload DB
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (ggplot2)
* installing *source* package âĂŸgridExtraâĂŹ ...
** package âĂŸgridExtraâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (gridExtra)
* installing *source* package âĂŸR.ooâĂŹ ...
** package âĂŸR.ooâĂŹ successfully unpacked and MD5 sums checked
** R
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (R.00)
* installing *source* package âĂŸmetrumrgâĂŹ ...
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** testing if installed package can be loaded
* DONE (metrumrg)
* installing *source* package âĂŸshinyFilesâĂŹ ...
** package âĂŸshinyFilesâĂŹ successfully unpacked and MD5 sums checked
** R
```



** inst ** preparing package for lazy loading ** help *** installing help indices ** building package indices ** testing if installed package can be loaded * DONE (shinyFiles) * installing *source* package âĂŸgdataâĂŹ ... ** package âĂŸgdataâĂŹ successfully unpacked and MD5 sums checked ** R ** data ** inst ** preparing package for lazy loading ** help *** installing help indices ** building package indices ** installing vignettes ** testing if installed package can be loaded * DONE (qdata) * installing *source* package âĂŸDTâĂŹ ... ** package âĂŸDTâĂŹ successfully unpacked and MD5 sums checked ** R ** inst ** preparing package for lazy loading ** help *** installing help indices ** building package indices ** installing vignettes ** testing if installed package can be loaded * DONE (DT) * installing *source* package âĂŸdplyrâĂŹ ... ** package âĂŸdplyrâĂŹ successfully unpacked and MD5 sums checked ** libs g++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR -I"/usr/local/lib g++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR -I"/usr/local/lib q++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING DPLYR -I"/usr/local/lib g++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR -I"/usr/local/lib q++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR -I"/usr/local/lib -I"/usr/local/lib g++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR g++ -I/usr/share/R/include -DNDEBUG -I../inst/include -DCOMPILING_DPLYR -I"/usr/local/lib g++ -shared -L/usr/lib/R/lib -Wl,-Bsymbolic-functions -Wl,-z,relro -o dplyr.so RcppExports



```
installing to /data/tflgenerator/lib/dplyr/libs
** R
** data
*** moving datasets to lazyload DB
** demo
** inst
** preparing package for lazy loading
** help
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (dplyr)
* installing *source* package âĂŸrtfâĂŹ ...
** package âĂŸrtfâĂŹ successfully unpacked and MD5 sums checked
** inst
** preparing package for lazy loading
*** installing help indices
** building package indices
** installing vignettes
** testing if installed package can be loaded
* DONE (rtf)
Warning messages:
1: packages âĂŸGUIâĂŹ, âĂŸTFLâĂŹ are not available (for R version 3.2.3)
2: packages âĂŸGUIâĂŹ, âĂŸTFLâĂŹ are not available (for R version 3.2.3)
> if(!fromCRAN) {
    installed <- row.names(installed.packages(libDir))</pre>
    newpkgs <- setdiff(pkgs, installed)</pre>
   if(length(newpkgs)>0){
     if("metrumrg" %in% newpkgs){
+
                                           # XML frequently fails to build from source. Use
        if(!"XML" %in% rownames(installed.packages())) install.packages("XML",lib=libDir,re
+
+
        install.packages('metrumrg', repos=c('http://R-Forge.R-project.org','https://cran.:
+
      }
+
      install.packages (newpkgs,
                       lib = libDir,
                       contriburl = mycran,
                       type = "source",
+
                        INSTALL_opts="--no-multiarch")
+
>
>
> proc.time()
  user system elapsed
175.978 21.857 210.737
```