

Cheat Sheet for adapr functions

First Step

default.adapr.setup()-
Creates necessary files
First project adaprHome
adaprApp()-Launches App

Project Level

get_orchard()-List all projects and main directories
open_orchard()-Open project list for editing

Init.project("NewProjectID")-Create new project and set to project
Relocate.project("NewProjectID",newpath)-Import new project
Remove.project("OldProjectID")-Remove project form list

synctest.project("projectID")-Project synchronization status?
sync.project("projectID")-Synchronize project
parallelSync.project("projectID")-Synchronize project in parallel
Monitor.parallelSync.project ("projectID")-Shows Synchronization status graph
set.project("projectID")-set to current working project
get.project()-returns current working project

graph.project()-Create a graphic of R Script dependencies and synchronization status
report.project()-Create HTML report of project run times and I/O dependencies

Publication

send.pubresults()-Copy selected files to
publication directory

show.pubresults()-Open csv file with list of
files to publish

Program level

make.program("read.R", "reads")-Creates new
program in project analysis directory
remove.program("read.R")-Removes program,
results, and dependency tracking
run.program("read.R")-executes program

File Input/Output within program body

Read("data.csv","my data")-Reads any file from data directory
ReadTrack("myfile","data from web")-Tracks files as read by other functions
Load.branch("mydata.Rdata")-Returns saved object from another R Script
Write(myobject,"obj.Rdata","some data")-Writes R object for Load.branch. "Rdata"
suffix is needed.

Write(rdata,"myoutput.csv","a result")-Writes file to results directory
WriteTrack()-Tracks files read by other fcns
#Create a graph in results directory
Graph("hist.pdf","Gaussian"); rnorm(100);
dev.off()

Browsing functions

show.project()-Opens project folder
show.results() -Opens project results folder

list.programs()-Lists R scripts in Project
list.datafiles()-Lists files in data directory
list.branches()-Lists objects for loading with Load.branch

Options

get_adapr_options()-Set default directory, user info, git activity status
set_adapr_options("git","TRUE")-Set adapr options

Package Tracking

read_library()-returns project library file
add_package()-Adds package to project library file
remove_package()-Deletes package to project library
install_project_packages()-Install all project packages

Version control

commit.project("commit message",project.id)- commits project
git.configure("username","email@univ.edu")-Set user name
git.configure.test()-Check user name settings
git.provenence("myfile")-Identify file within a project.