

adapr Cheat Sheet

First Steps

>defaultAdaprSetup() Initializes necessary files & creates first project adaprHome
>updateAdaprConfig() **Need to run to update to adapr v2.0**
>adaprSheet() **Opens cheat sheet**
>loadAdaprTest() Installs test project
>adaprApp() Launches App that interactively runs and probes project
>adparUpdate() Update adapr from github beta versions

Project Level – Console commands

>listProjects() List all projects and main directories
>openProjectList() Open project list for editing

>initProject("NewProjectID") Create new project and set to project
>relocateProject("NewProjectID",newpath) Import new project
>removeProject("OldProjectID") Remove project form list

>setProject("projectID") Set to current working project
>getProject() Returns current working project

>importData() Opens file dialogue to copy data into project directory

>syncTestProject("projectID") Get Project synchronization status
>syncProject("projectID") Synchronize or update project results
>syncTrunk("plot.R","projectID") Update results for specific script
>parallelSync("projectID") Synchronize project in parallel. Experimental
>monitorParallelSync projectID") Shows Parallel Synchronization status graph

>graphProject() Create a graphic of R Script dependencies and synchronization status
>reportProject() Create HTML report of project scripts and I/O dependencies

R Script Level– Console commands

>makeScript("read.R", "reads") Creates new program
>runProgram("read.R",logRmd=TRUE) Executes program
>removeScript("read.R") Removes program

File Input/Output within program body

Read("data.csv","study x data") Reads any file from data directory
Write(myobject,"obj.Rda","description") Writes R object into Results directory

loadFlex("mydata.rda") Returns saved object from another R Script

WriteTrack("myfile.csv","description") Tracks writes by other R functions
ReadTrack("myfile.csv","description") Tracks reads by other R functions

#Create a graph in results directory:

Graph("hist.pdf","Gaussian")
rnorm(100);
dev.off()

resultsDir() and **dataDir()**
Return the results and data directories.

Browsing functions-Console commands

>showProject() Opens project folder
>showResults() Opens project results folder
>openScript("myRscript.R") Opens project R script
>searchScript("demographics") Searches all scripts for string
>listScripts() Lists files in data directory
>listBranches() Lists available objects for loading
>listDatafiles() List files in data directories

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Publication

publishResults()	Copy preselected files to publication directory
>browsePubFiles()	Open csv file with list of files to publish
>getPubResults()	Returns dataframe of publication files

Package Tracking – Console commands

Library("ggplot2")	Load/installs R package
>getLibrary("projectID")	Returns library information for a project
>installLibrary("newprojectID")	Installs project's library

Options– Console commands

>getAdaprOptions()	Get default directory, user info, git activity status, paths for git and pandoc
>setAdaprOptions("git","TRUE")	Set adapr options

Version control

>commitProject("commit message",project.id)	Commits project
>gitConfigure("username","email@univ.edu")	Set user name
>gitConfigureTest()	Check user name settings
>gitProvenance("project.id",filepath)	Identify file provenance within a project.