

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
>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
>monitorParallelSync projectID)	Shows Parallel Synchronization status graph
>graphProject()	Create a graphic of R Script dependencies and synchronization status
>reportProject()	Create HTML report of project run times 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")	resultsDir() and dataDir()
rnorm(100);	Return the results and data directories.
dev.off()	

Browsing functions-Console commands

>showProject()	Opens project folder
>showResults()	Opens project results folder
>openScript("myRscript.R")	Opens project R script
>listScripts()	Lists files in data directory
>listBranches()	Lists R scripts in Project
>listDatafiles()	Lists available objects for loading

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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","cran")	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.