Simulation modelling in SpaDES: : CHEAT SHEET



Project setup

3. WORKSPACE SETUP

setPaths(

use relative paths

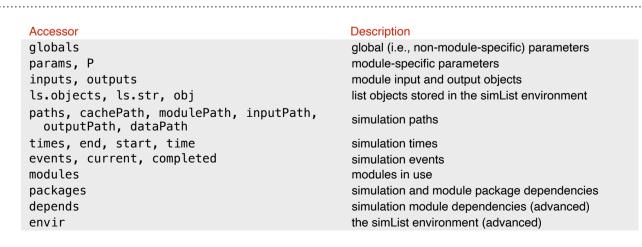
Running simulations

cachePath = "cache",

inputPath = "inputs",

modulePath = "modules"
outputPath = "outputs"

Accessing the simList



Module Examples

system.file("sampleModules", package = "SpaDES.core")

getOption("spades.modulesRepo")

Module Development

- 1. METADATA
- 2. DEFINE AND SCHEDULE EVENTS
- scheduleEvent(sim, time(sim) + 10, "module5", "myEvent", .normal())
- scheduleConditionalEvent(sim, ...)
- 3. DEFAULT OBJECTS CREATED IN .inputObjects

PLOTTING (WITHIN MODULE)





moduleDiagram(mySim, ...)

bit objectDiagram(mySim, ...)

eventDiagram(mySim, ...)

Simulation & event caching

```
mySimOut <- Cache(spades(mySim), ...)
showCache(...)
keepCache(...)</pre>
```

Package options

?SpaDES.core