ver 0.4

<<controls it all>>
Controller

-system_threads: SystemThread list
-systems: RSystem dict
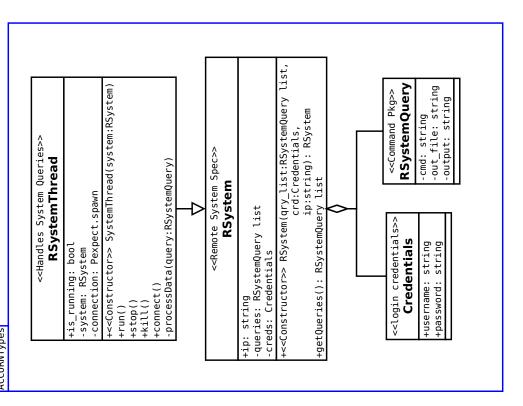
-parseXML(cfg_file:string): RSystem dict
-spawnThreads(systems:RSystem dict)
-startAllThreads(system_threads:SystemThread list): int
-stopAllThreads(system_threads:SystemThread list): int
-runningThreadsCount(): int

<<module>>
ACCORNTypes

<<Handles System Queries>>
RSystemThread

+is_running: bool
-system: RSystem
-connection: Pexpect.spawn

+<<Constructor>> SystemThread(system:RSystem)
+run()
+stop()
+kill()
+connect()
-processData(query:RSystemQuery)

<<Remote System Spec>>
RSystem

+ip: string
-queries: RSystemQuery list
-creds: Credentials

+<<Constructor>> RSystem(qry_list:RSystemQuery list,
                         crd:Credentials,
                         ip:string): RSystem
+getQueries(): RSystemQuery list

<<login credentials>>
Credentials

+username: string
+password: string

<<Command Pkg>>
RSystemQuery

-cmd: string
-out_file: string
-output: string