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Elixir 2 Mutex

mix -S mix to start module

Function Flow

**Rider.start :** it will start the agents

**Rider.register:** it will allow you to register an app with a communications channel. In order to  
. register more than 1 app, run the function as many times as apps you want  
. to add. As of now the Program is limited to only 5 apps of the users choice.

**Rider.unregister({"<app>","<comm>"}):** it is necessary to enter the name and channel in the  
. form shown above for it to actually unregister it.

**Rider.requests:** if apps are empty it redirects you to it. Makes and prints 10 new requests and  
. then asks for an option, you can continue getting requests or select, in order to  
. select you only require to type the number of the service you want to ride. It will  
. take you to a drive screen where you wait the assigned time of that service.  
. For convenience sake, all times are relatively short, under 30 seconds.

**Rider.reset\_apps**

**Rider.reset\_count**

**Rider.reset\_select**

**Rider.reset\_reqs**

These functions return the Agents to their original State

**Rider.current\_apps**

**Rider.current\_count**

**Rider.current\_select**

**Rider.current\_reqs**

These functions return the current state of the agent in its name