# Drive Thru Restaurant-14.05.2012

Extend the source code of Drive\_ThruVersion,available version at 14.05.2012.

Improvements:

* created new Exogenous Event:OpenRestaurant
* created new type of ObjectChart with the attributes:termsOfOperation
* created new agents:
  + Person
  + Employee(superType-person)
  + Manager(superType-person)
  + Organization
  + OrganizationUnits
* EnvironmentRules:
  + OpenRestaurantRule
    - Forms the organization units of the restaurant, which means adding the MenuBoard,Kitchen and PickUpWindow to the DriveThru\_McMikes organization
    - Adds the employees to the correspond organizationsUnits:
      * Waitress to PickUpWindoe
      * OrderTaker to MenuBoard
      * Cook to Kitchen
* Initial State
  + DriveThru\_McMikes\_Chart
    - A instance of the OrganizationChart
  + DriveThru\_McMikes
    - Instance of Organization
    - Initialise the ArrayList for employees,organizationUnits and Manager
  + MenuBoard,
    - Instance of OrganizationUnit
    - Initialise the ArrayList for employees,organizationUnits and Manager
  + PickUpWindow
    - Instance of OrganizationUnit
    - Initialise the ArrayList for employees,organizationUnits and Manager
  + Kitchen
    - Instance of OrganizationUnit
    - Initialise the ArrayList for employees,organizationUnits and Manager
  + Waitress
    - Creating a instance of waitress
  + Cook
    - Creating a instance of cook
  + Manager
    - Creating a instance of manager