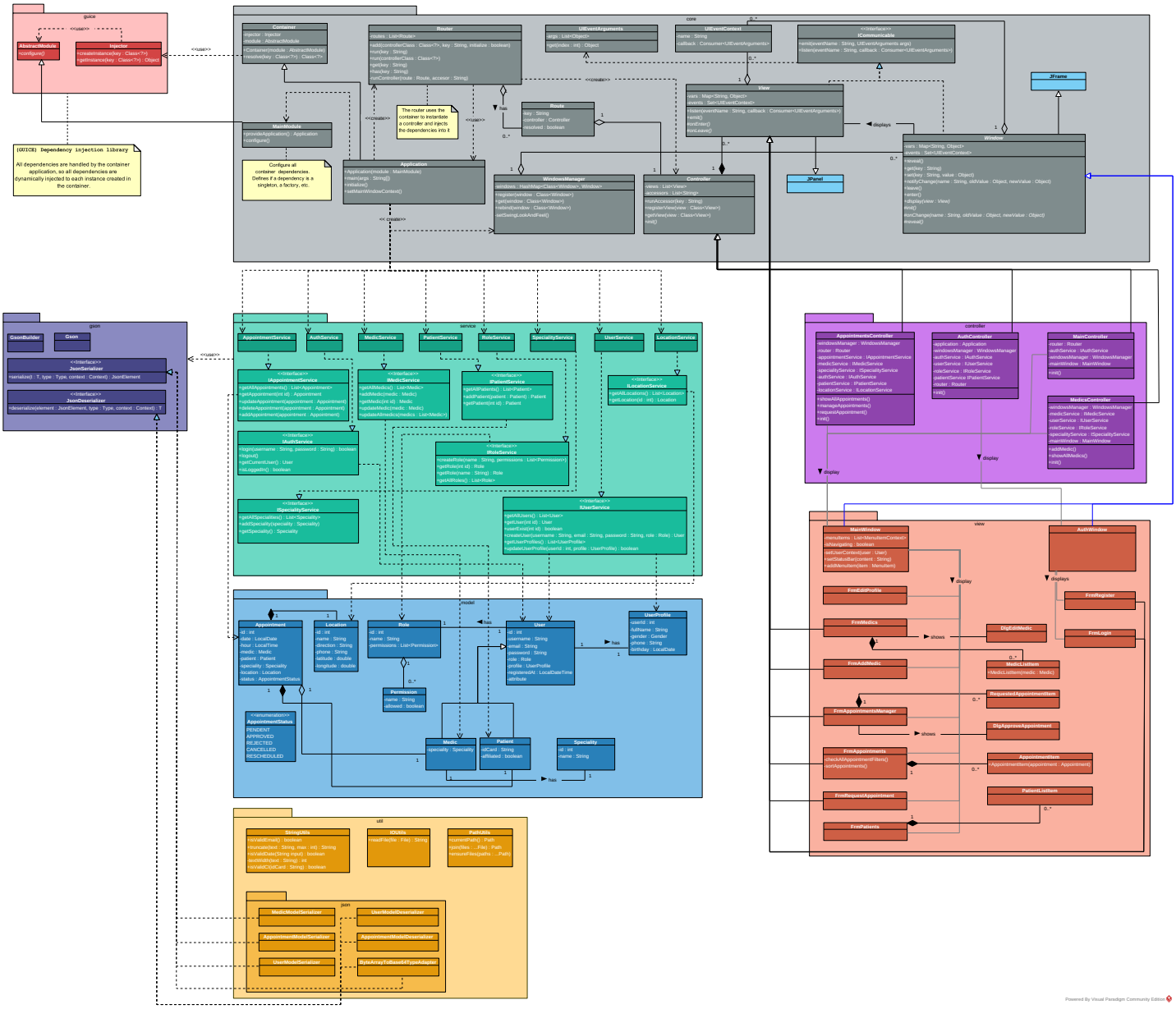
guice
AbstractModule
+configure()
Injector
+instanceInstance(key : Class<?>)
+getInstance(key : Class<?>) : Object
<<use>>
[GUICE] Dependency injection library
All dependencies are handled by the container
application, so all dependencies are
dynamically injected to each instance created in
the container.
core
Container
-Injector : Injector
-module : AbstractModule
+Container(module : AbstractModule)
+resolve(key : Class<?>) : Class<?>
Router
-routes : List<Route>
+add(controllerClass : Class<?>, key : String, initialize : boolean)
+run(key : String)
+run(controllerClass : Class<?>)
+get(key : String)
+has(key : String)
+runController(route : Route, accessor : String)
The router uses the
container to instantiate
a controller and injects
the dependencies into it
UIEventArguments
-args : List<Object>
+get(index : int) : Object
UIEventContext
-name : String
-callback : Consumer<UIEventArguments>
<<Interface>>
ICommunicable
+emit(eventName : String, UIEventArguments args)
+listen(eventName : String, callback : Consumer<UIEventArguments>)
JFrame
MainModule
+provideApplication() : Application
+configure()
Configure all
container dependencies.
Defines if a dependency is a
singleton, a factory, etc.
Application
+Application(module : MainModule)
+main(args : String[])
+initialize()
+setMainWindowContext()
Route
-key : String
-controller : Controller
-resolved : boolean
View
-vars : Map<String, Object>
-events : Set<UIEventContext>
+flatten(eventName : String, callback : Consumer<UIEventArguments>)
+setup()
#onEnter()
#onLeave()
Window
-vars : Map<String, Object>
-events : Set<UIEventContext>
+reveal()
+get(key : String)
+set(key : String, value : Object)
+notifyChange(name : String, oldValue : Object, newValue : Object)
+bind()
+render()
+display(view : View)
#test()
#onChange(name : String, oldValue : Object, newValue : Object)
#reveal()
JPanel
WindowsManager
-windows : HashMap<Class<Window>, Window>
+register(window : Class<Window>)
+get(window : Class<Window>)
+setIcon(window : Class<Window>)
-setSwingLookAndFeel()
Controller
-views : List<View>
-accessors : List<String>
+useAccessor(key : String)
+registerView(view : Class<View>)
+getView(view : Class<View>)
+test()
gson
GsonBuilder
Gson
<<Interface>>
JsonSerializer
+serialize() T, type : Type, context : Context) : JsonElement
<<Interface>>
JsonDeserializer
+deserialize(element : JsonElement, type : Type, context : Context) : T
service
AppointmentService
AuthService
MedicService
PatientService
RoleService
SpecialityService
UserService
LocationService
<<Interface>>
IAppointmentService
+getAllAppointments() : List<Appointment>
+getAppointment(int id) : Appointment
+updateAppointment(appointment : Appointment)
+deleteAppointment(appointment : Appointment)
+addAppointment(appointment : Appointment)
<<Interface>>
IMedicService
+getAllMedics() : List<Medic>
+addMedic(medic : Medic)
+getMedic(int id) : Medic
+updateMedic(medic : Medic)
+updateAllMedics(medics : List<Medic>)
<<Interface>>
IPatientService
+getAllPatients() : List<Patient>
+addPatient(patient : Patient) : Patient
+getPatient(int id) : Patient
<<Interface>>
ILocationService
+getAllLocations() : List<Location>
+getLocation(id : int) : Location
<<Interface>>
IAuthService
+login(username : String, password : String) : boolean
+logout()
+getCurrentUser() : User
+isLoggedIn() : boolean
<<Interface>>
IRoleService
+createRole(name : String, permissions : List<Permission>)
+getRole(int id) : Role
+getRole(name : String) : Role
+getAllRoles() : List<Role>
<<Interface>>
ISpecialityService
+getAllSpecialities() : List<Speciality>
+addSpeciality(speciality : Speciality)
+getSpeciality() : Speciality
<<Interface>>
IUserService
+getAllUsers() : List<User>
+getUser(int id) : User
+userExist(int id) : boolean
+createUser(username : String, email : String, password : String, role : Role) : User
+getUserProfiles() : List<UserProfile>
+updateUserProfile(userId : int, profile : UserProfile) : boolean
model
Appointment
-id : int
-date : LocalDate
-hour : LocalTime
-medic : Medic
-patient : Patient
-speciality : Speciality
-location : Location
-status : AppointmentStatus
Location
-id : int
-name : String
-direction : String
-phone : String
-latitude : double
-longitude : double
Role
-id : int
-name : String
-permissions : List<Permission>
Permission
-name : String
-allowed : boolean
User
-id : int
-username : String
-email : String
-password : String
-role : Role
-profile : UserProfile
-registerAt : LocalDateTime
-attribute
UserProfile
-userId : int
-fullName : String
-gender : Gender
-phone : String
-birthday : LocalDate
has
<<enumeration>>
AppointmentStatus
PENDENT
APPROVED
REJECTED
CANCELLED
RESCHEDULED
Medic
-speciality : Speciality
Patient
-idCard : String
-affiliated : boolean
Speciality
-id : int
-name : String
has
controller
AppointmentsController
-windowsManager : WindowsManager
-router : Router
-appointmentService : IAppointmentService
-medicService : IMedicService
-specialityService : ISpecialityService
-authService : IAuthService
-patientService : IPatientService
-locationService : ILocationService
+showAllAppointments()
+manageAppointments()
+requestAppointment()
+test()
AuthController
-application : Application
-windowsManager : WindowsManager
-authService : IAuthService
-userService : IUserService
-roleService : IRoleService
-patientService IPatientService
-router : Router
+test()
MainController
-router : Router
-authService : IAuthService
-windowsManager : WindowsManager
-mainWindow : MainWindow
+test()
MedicsController
-windowsManager : WindowsManager
-medicsService : IMedicService
-userService : IUserService
-roleService : IRoleService
-specialityService : ISpecialityService
-mainWindow : MainWindow
+addMedic()
+showAllMedics()
+test()
display
view
MainWindow
-menuItems : List<MenuItemContext>
-isNavigating : boolean
-setUserContext(user : User)
+setStatusBar(content : String)
+addMenuItem(item : MenuItem)
AuthWindow
displays
FrmEditProfile
FrmRegister
FrmMedics
shows
DigEditMedic
FrmLogin
FrmAddMedic
MedicListItem
+MedicListItem(medic : Medic)
PrequestedAppointmentItem
FrmAppointmentsManager
DigApproveAppointment
FrmAppointments
-checkAllAppointmentFilters()
-setAppointments()
AppointmentItem
+AppointmentItem(appointment : Appointment)
FrmRequestAppointment
PatientListItem
FrmPatients
util
StringUtils
+isValidEmail() : boolean
+truncate(text : String, max : int) : String
+isValidDate(String input) : boolean
-textWidth(text : String) : int
+isValidCpfCard : String) : boolean
IOUtils
+readFile(file : File) : String
PathUtils
+currentPath() : Path
+join(files ... File) : Path
+ensureFiles(paths ... Path)
json
MedicModelSerializer
UserModelDeserializer
AppointmentModelSerializer
AppointmentModelDeserializer
UserModelSerializer
TypeArrayToBaseSyntaxAdapter
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