

control

MainApp

-primaryStage: Stage-loginLayout: BorderPane-newTaskLayout: AnchorPane

+loginName: String

+MainApp()

+start(primaryStage: Stage): Void

+initRootLayout(): Void
+showLoginScreen(): Void
+showMainScreen(): Void
+showProjectScreen(): Void

+showNewTaskDialog(selectedTask: ITaskFX): Boolean

+getPrimaryStage(): Stage +main(args: String[]): Void

ClientControl

-<u>instance: ClientControl</u> -openProject: IProject

-sleepingProjects: List(IProject)

+getInstance(): ClientControl

+userLogin(name: String): Boolean

+projectCreate(): Boolean
+projectNewTask(): Boolean
+getOpenProject(): IProject

+setOpenProject(openProject): void

KClient

#socket: Socket

#objectOutputStream: ObjectOutputStream
#objectInputStream: ObjectInputStream

+port: Integer +url: String

+requestSimpleProjects() Void

+connectToServer(addres: InetAddress, port Integer) Void

+run(): Void

<<Interface>> <<Interface>> <<Interface>> **IProject** IProjectFX ITask +getID Property(): String +getID(): String +getTitleProperty(): String +setID (value: String): Void +setID (value: String): Void +setTitle(value: String): Void +getNameProperty(): String +getName(): String +getDesciptionProperty(): String +setName(value: String) +setName(value: String) +setDescription(value: String): Void +getCategorieProperty(): String +getModifiedProperty(): Date +getModified(): Date +setModified(value: Date): Void +setModified(value: Date): Void +setCategorie(value: String): Void +getCreatedProperty(): Date +getCreated(): Date +getStatusProperty(): String +setCreated(value: Date): Void +setCreated(value: Date): Void +setStatus(value: String): Void +getDescriptionProperty(): String +getCreatorIDProperty(): String +getDescription(): String +setDescription(value: String): Void +setDescription(value: String): Void +setCreatorID(value: String): Void +getTasksProperty(): List(ITask) +getTasks(): List(ITask) +getLastCallProperty(): Date +setTasks(List(ITasks)): Void +setLastCall(value: Date): Void +setTasks(List(ITasks)): Void +getMembersProperty(): List(Integer) +getMembers(): List(Integer) +getCreatorDateProperty(): Date +setMembers(value: List(Integer)): Void +setMembers(value: List(Integer)): Void +setCreatorDate(value: Date): Void +getMemberProperty(): List(User) +addTask(value: ITask): Void +setMember(value: List(User)): Void +addMember(value: Integer): Void +getCommentProperty(): List(String) +setComment(value: List(String)) Project Task User -id: String -tite: String -uid: String -name: String -desciption: String -name: String -description: String -categorie: String -pw: String -status: String -modified: Date +User(uid: String, name: String, pw: String, -creatorID: String -created: Date projects: List(String), projectCurrent: String) -lastCall: String -taks: List(ITask) -dateCreate: Date +Project(name: String, description: String, modified: Date, +getUID(): String -members: List(User) creaded: Date, tasks: List(Date), members: List(Integer), id: +setUID(uid: String): Void -comment: List(String) +getName(): String +Project(name: String, description: String, creator: id) + Task() +setName(name: String): Void +getPw(): String +getTitle(): String +getID(): String +setPw(pw String): void +setID (value: String): Void +setTitle(value: String): Void +getProjects(): List(String) +getName(): String +getDesciption(): String +setProjects(projects: List(String)): Void +setName(value: String) +setDescription(value: String): Void +getProjectCurrent():String +getModified(): Date +getCategorie(): String +setProjectCurrent(projectCurrent: String): +setModified(value: Date): Void +setCategorie(value: String): Void Void +getCreated(): Date +getStatus(): String +setCreated(value: Date): Void +setStatus(value: String): Void +getDescription(): String +getCreatorID(): String +setDescription(value: String): Void +setCreatorID(value: String): Void +getTasks(): List(ITask) +getLastCall(): Date +setTasks(List(ITasks)): Void +setLastCall(value: Date): Void +getMembers(): List(Integer) +getCreatorDate(): Date +setMembers(value: List(Integer)): Void +setCreatorDate(value: Date): Void +getMember(): List(User) +getID Property(): String +setMember(value: List(User)): Void +setID (value: String): Void +getComment(): List(String) +setComment(value: List(String)) +getNameProperty(): String +setName(value: String) +getTitleProperty(): String +getModifiedProperty(): Date +setTitle(value: String): Void +setModified(value: Date): Void +getDesciptionProperty(): String +getCreatedProperty(): Date +setDescription(value: String): Void +setCreated(value: Date): Void +getCategorieProperty(): String +getDescriptionProperty(): String +setCategorie(value: String): Void +setDescription(value: String): Void +getStatusProperty(): String +getTasksProperty(): List(ITask) +setStatus(value: String): Void +setTasks(List(ITasks)): Void +getCreatorIDProperty(): String +getMembersProperty(): List(Integer) +setCreatorID(value: String): Void +setMembers(value: List(Integer)): Void +getLastCallProperty(): Date +setLastCall(value: Date): Void +addTask(value: ITask): Void +getCreatorDateProperty(): Date +addMember(value: Integer): Void +setCreatorDate(value: Date): Void +getMemberProperty(): List(User) +setMember(value: List(User)): Void +getCommentProperty(): List(String) SimpleProject +setComment(value: List(String))

- <u>SERIALVERSIONUID</u>: <u>Integer = -2398503995120490647L</u>

+SimpleProject(name: String, id: String)

-id: String-name: String

+getID(): String

+setID(value: String): Void +getName(): String +setName(value: String)

View

LoginScreenController

-memberName

-memberName

New Task Dialog Controller

-memberName

-memberName

MainScreenLoginScreen

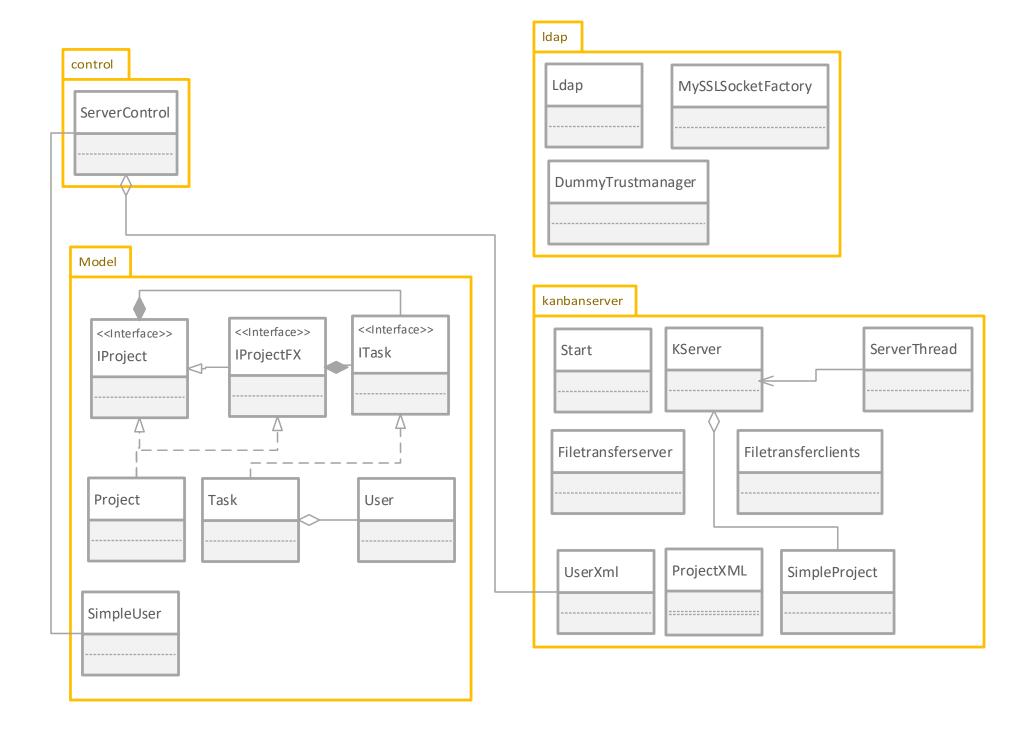
-memberName

-memberName

ProjectSelectionScreenController

-memberName

-memberName



control

ServerControl

-ldap: Ldap

-userXML: UserXML

+userLogin(userName: String): Boolean

-lastName: String +getFirstName(): String

+getLastName(): String

+setFirstName(firstname: String): Void

+setLasttName(lastname: String): Void +getFirstNameProperty(): String +getLastNameProperty(): String

<<Interface>> <<Interface>> <<Interface>> **IProject** IProjectFX ITask +getID Property(): String +getID(): String +getTitleProperty(): String +setID (value: String): Void +setID (value: String): Void +setTitle(value: String): Void +getNameProperty(): String +getName(): String +getDesciptionProperty(): String +setName(value: String) +setName(value: String) +setDescription(value: String): Void +getCategorieProperty(): String +getModifiedProperty(): Date +getModified(): Date +setModified(value: Date): Void +setModified(value: Date): Void +setCategorie(value: String): Void +getCreatedProperty(): Date +getCreated(): Date +getStatusProperty(): String +setCreated(value: Date): Void +setCreated(value: Date): Void +setStatus(value: String): Void +getDescriptionProperty(): String +getDescription(): String +getCreatorIDProperty(): String +setDescription(value: String): Void +setDescription(value: String): Void +setCreatorID(value: String): Void +getTasksProperty(): List(ITask) +getTasks(): List(ITask) +getLastCallProperty(): Date +setTasks(List(ITasks)): Void +setLastCall(value: Date): Void +setTasks(List(ITasks)): Void +getMembersProperty(): List(Integer) +getMembers(): List(Integer) +getCreatorDateProperty(): Date +setMembers(value: List(Integer)): Void +setMembers(value: List(Integer)): Void +setCreatorDate(value: Date): Void +getMemberProperty(): List(User) +addTask(value: ITask): Void +setMember(value: List(User)): Void +addMember(value: Integer): Void +getCommentProperty(): List(String) +setComment(value: List(String)) Project Task User -id: String -tite: String -uid: String -name: String -desciption: String -name: String -description: String -categorie: String -pw: String -status: String -modified: Date +User(uid: String, name: String, pw: String, -creatorID: String -created: Date projects: List(String), projectCurrent: String) -lastCall: String -taks: List(ITask) -dateCreate: Date +Project(name: String, description: String, modified: Date, +getUID(): String -members: List(User) creaded: Date, tasks: List(Date), members: List(Integer), id: +setUID(uid: String): Void -comment: List(String) +getName(): String +Project(name: String, description: String, creator: id) + Task() +setName(name: String): Void +getPw(): String +getTitle(): String +getID(): String +setPw(pw String): void +setID (value: String): Void +setTitle(value: String): Void +getProjects(): List(String) +getName(): String +getDesciption(): String +setProjects(projects: List(String)): Void +setName(value: String) +setDescription(value: String): Void +getProjectCurrent():String +getModified(): Date +getCategorie(): String +setProjectCurrent(projectCurrent: String): +setModified(value: Date): Void +setCategorie(value: String): Void Void +getCreated(): Date +getStatus(): String +setCreated(value: Date): Void +setStatus(value: String): Void +getDescription(): String +getCreatorID(): String +setDescription(value: String): Void +setCreatorID(value: String): Void +getTasks(): List(ITask) +getLastCall(): Date +setTasks(List(ITasks)): Void +setLastCall(value: Date): Void +getMembers(): List(Integer) +getCreatorDate(): Date +setMembers(value: List(Integer)): Void +setCreatorDate(value: Date): Void +getMember(): List(User) +getID Property(): String +setMember(value: List(User)): Void +setID (value: String): Void +getComment(): List(String) +setComment(value: List(String)) +getNameProperty(): String +setName(value: String) +getTitleProperty(): String +getModifiedProperty(): Date +setTitle(value: String): Void +setModified(value: Date): Void +getDesciptionProperty(): String +getCreatedProperty(): Date +setDescription(value: String): Void +setCreated(value: Date): Void +getCategorieProperty(): String +getDescriptionProperty(): String +setCategorie(value: String): Void +setDescription(value: String): Void +getStatusProperty(): String +getTasksProperty(): List(ITask) +setStatus(value: String): Void +setTasks(List(ITasks)): Void +getCreatorIDProperty(): String +getMembersProperty(): List(Integer) +setCreatorID(value: String): Void +setMembers(value: List(Integer)): Void +getLastCallProperty(): Date +setLastCall(value: Date): Void +addTask(value: ITask): Void +getCreatorDateProperty(): Date +addMember(value: Integer): Void +setCreatorDate(value: Date): Void +getMemberProperty(): List(User) +setMember(value: List(User)): Void +getCommentProperty(): List(String) SimpleUser +setComment(value: List(String)) -firstName: String

ldap

Ldap

-Host: String

-SearchBase: String

- LdapContext: DirContext

+Ldap(Hostname: String, LdapDirectory: String)

- connect: Boolean

-disconnect: Void

-search(SearchBase: String, SearchFilter: String, User: SimpleUser): Boolean

+login(HemsUid: String, User: SimpleUser): Boolean

DummyTrustmanager

+checkClientTrusted(cert: Certificate[], strin: String) Void

+checkServerTrusted(cert: Certificate[], strin: String): Void

+checkServerTrusted(cert: Certificate, string: String): Certificate[]

MySSLSocketFactory

socketFactory: SSLSocketFactory

+MySSLSocketFactory()

+getDefault(): SocketFactory

+getDefaultCipherSuites(): String[]

+getSupportedCipherSuites(): String[]

+createSocket(socket: Socket, string:

String, num: Integer, bool: Boolean):

Socket

+createSocket(string: String, num:

Intger): Socket

+createSocket(string: String, num:

Integer, netAdd: InetAddress, i: Intger):

Socket

+createSocket(netAdd:InetAddress,

num: Intger): Socket

+createSocket(netAdd1:InetAddress,

num: Integer, netAdd: InetAddress, i:

Intgeger): Socket

kanbanserver

Start

+main(args: String[]): Void

KServer

#serverThreads: List(ServerThread)

- + listOfObjects: ArrayList(SimpleProject)
- +main(args: String[]): Void

ServerThread

#receivingMessages: Boolean
#currentObject: Object

#objectOutputStream: ObjectOutputStream #objectInputStream: ObjectInputStream

#socket: Socket

-memberName

Filetransferserver

#receiver: ServerSocket

#OutputStream: OutputStream

#socket: Socket #file: File #buffer: Byte[]

+main(args: String[]): Void

Filetransferclients

#socket: Socket
#maxsize: Intger
#byteread: Intger
#current: Integer

+main(args: String[]): Void

UserXml

-userXMLDirectory: String

+userXML(directory: String, login: String)

+readUserXML(): User

+writeUserXML(user: User): Void

ProjectXML

-projectXMLDirectory: String

+projectXML(directory: String, login: String)

+readProjectXML(): Project

+writeProjectXML(project: Project): Void)

SimpleProject

- SERIALVERSIONUID: Integer = -2398503995120490647L

-id: String -name: String

+SimpleProject(name: String, id: String)

+getID(): String

+setID (value: String): Void +getName(): String +setName(value: String)