BugTrap iteration 2

Group 03

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Vincent Derkinderen & Ben Goethuys

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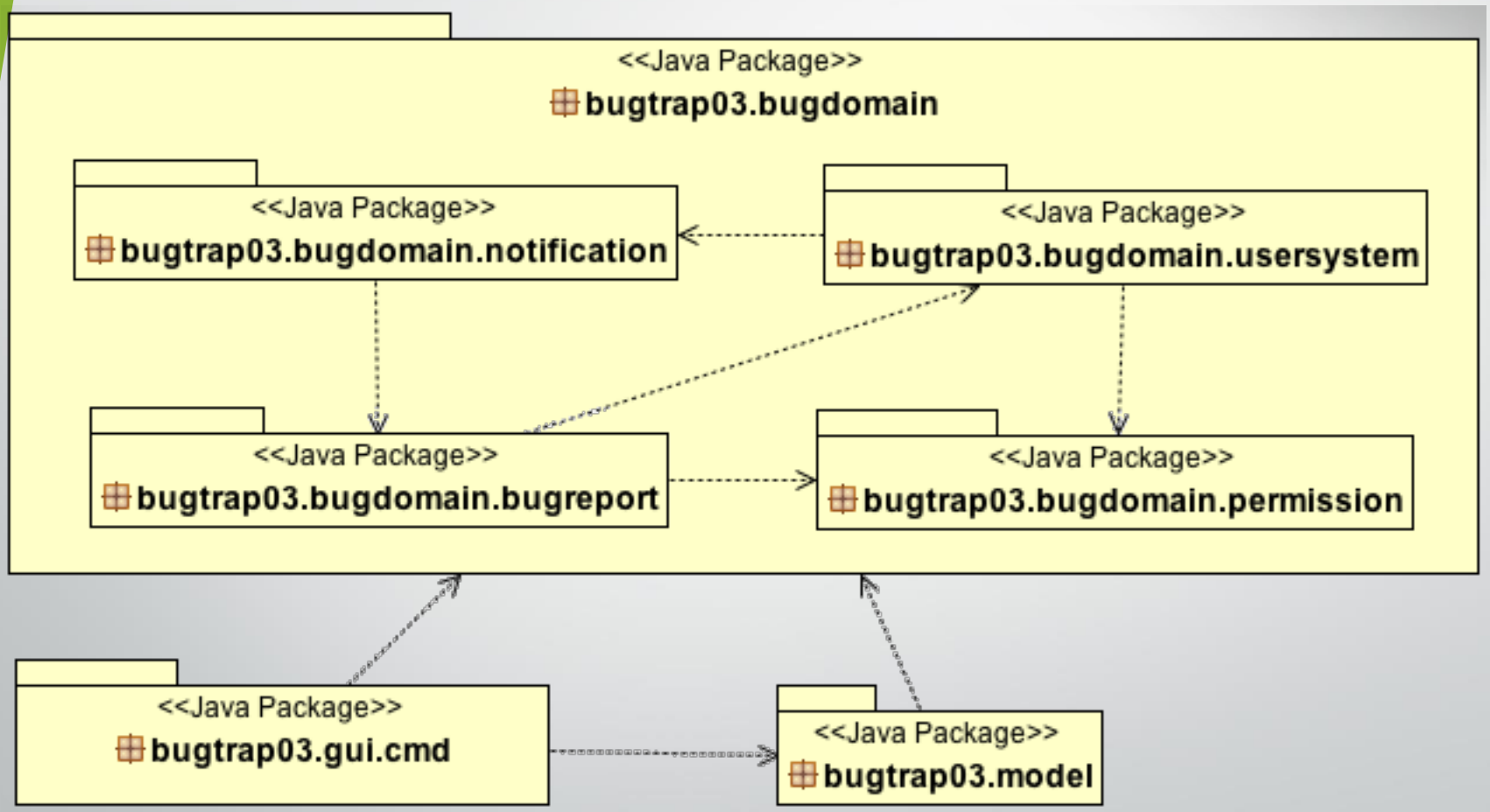
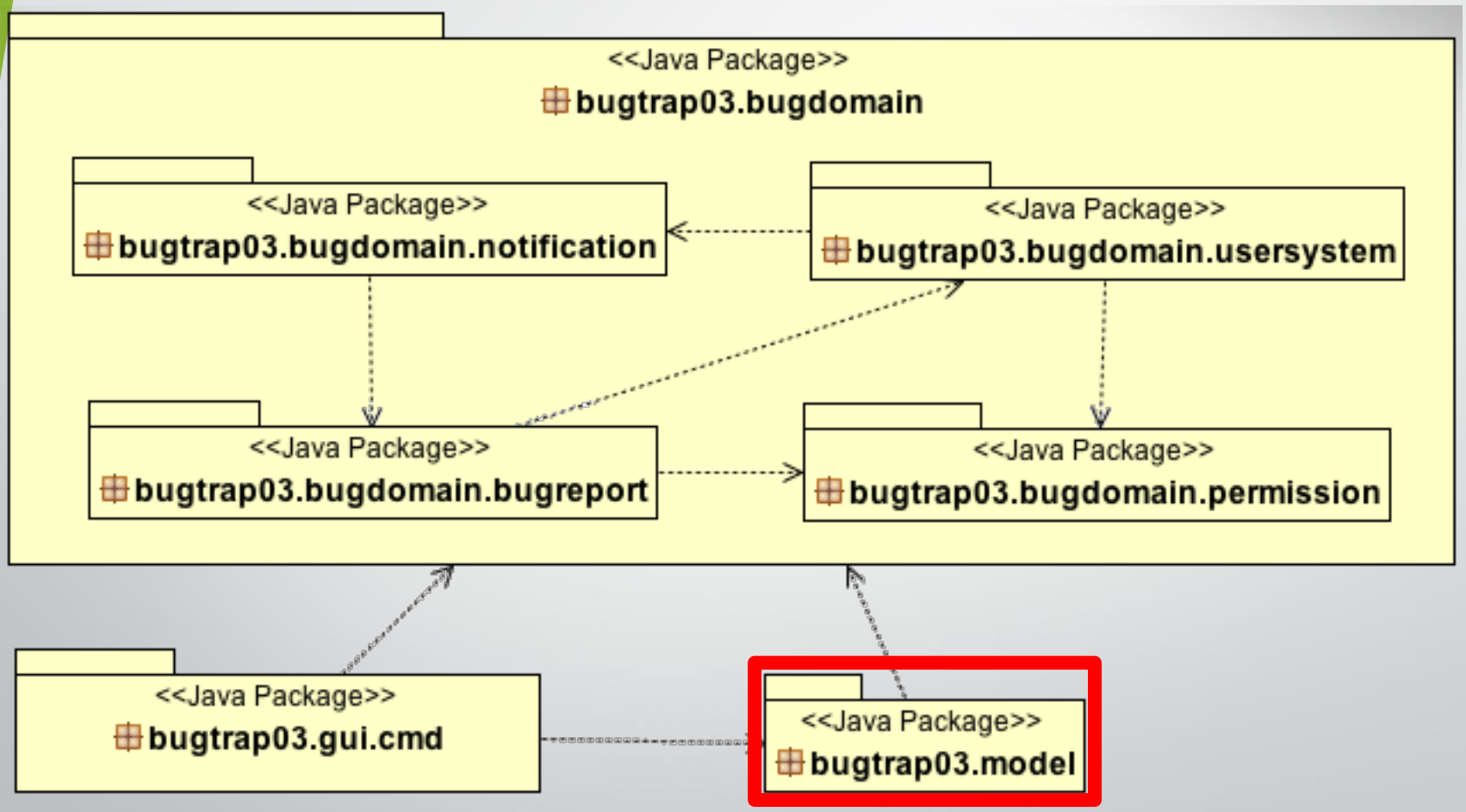
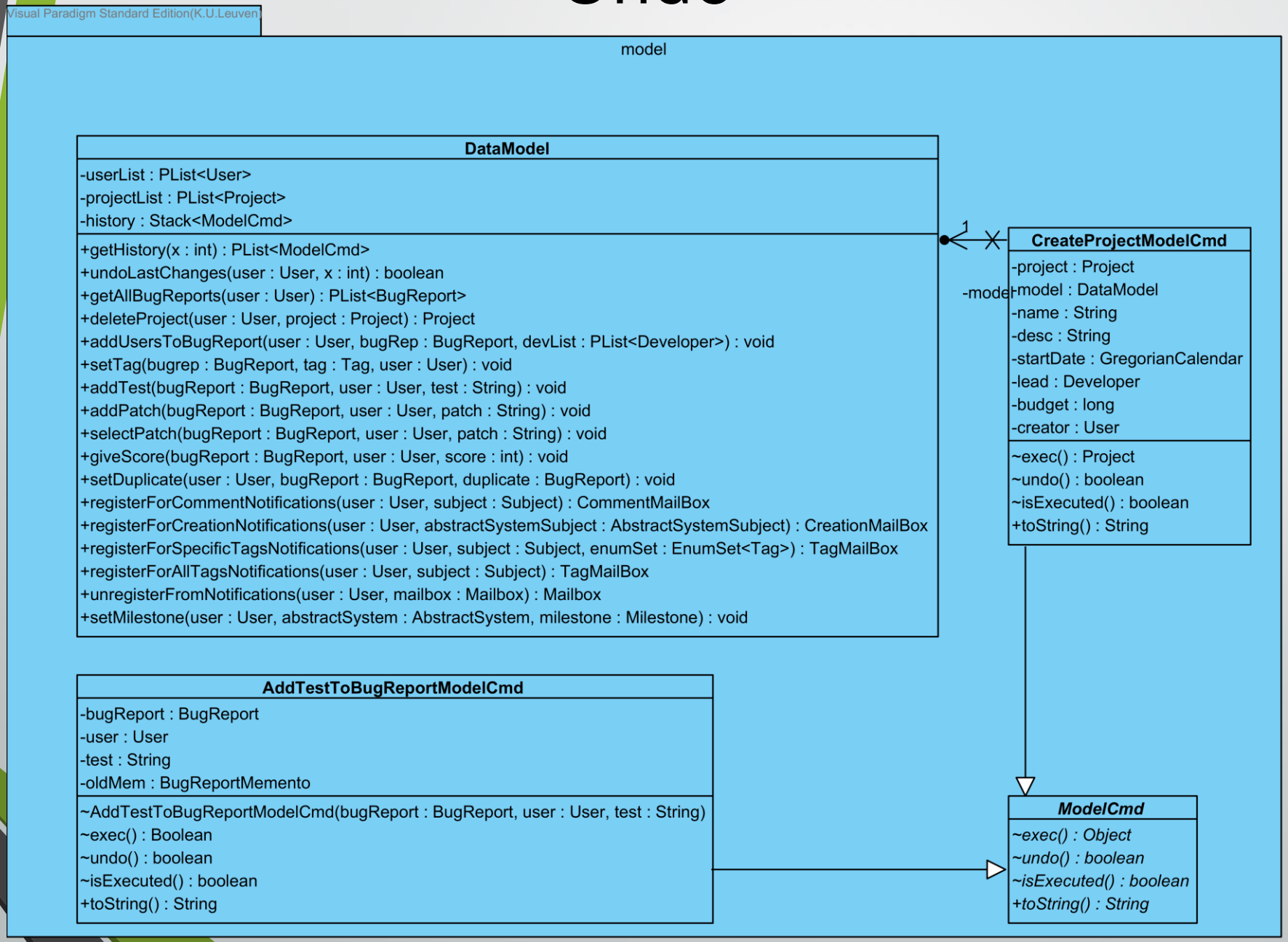
General Overview



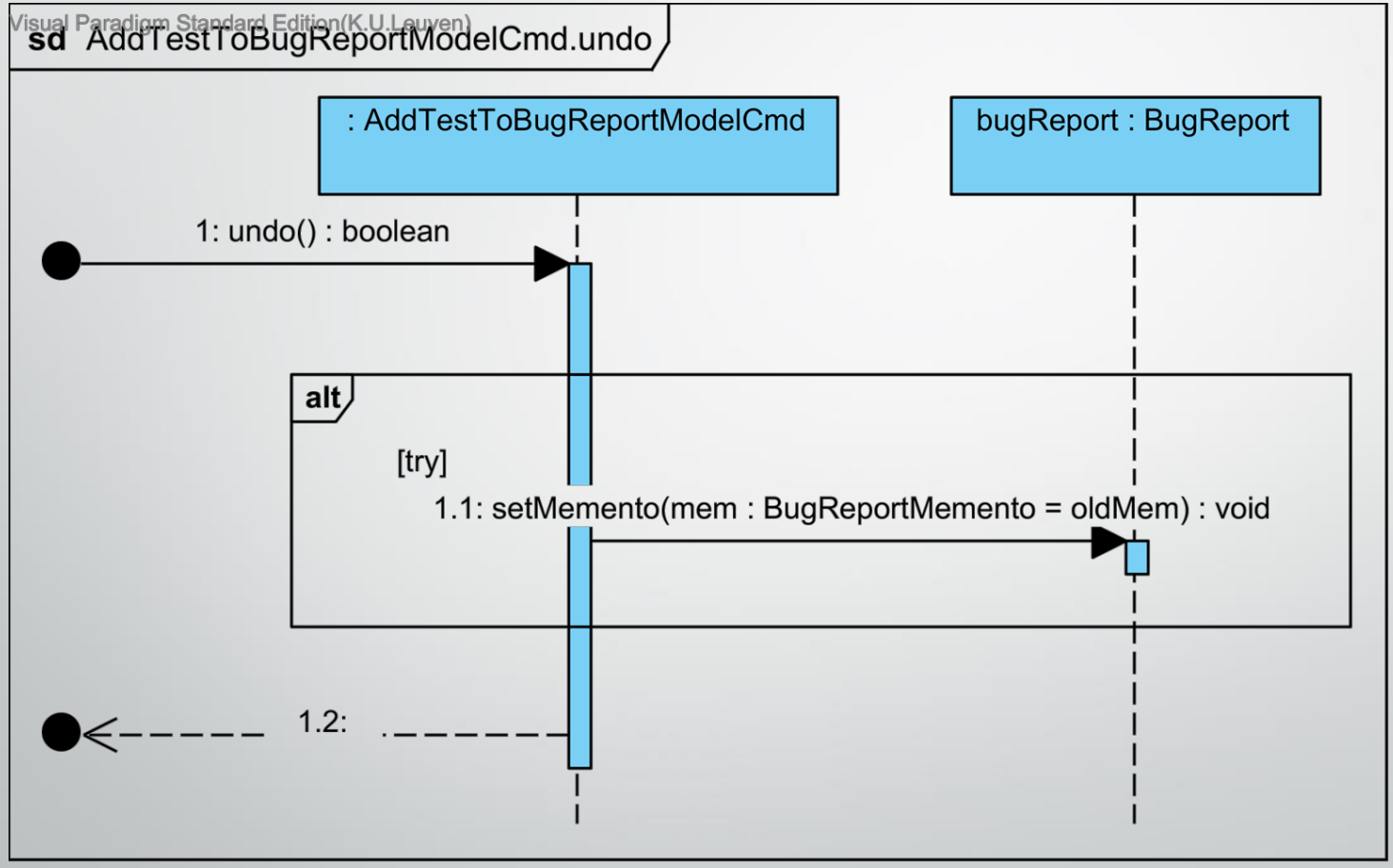
Undo


<<Java Package>>
bugtrap03.bugdomain
<<Java Package>>
bugtrap03.bugdomain.notification
<<Java Package>>
bugtrap03.bugdomain.usersystem
<<Java Package>>
bugtrap03.bugdomain.bugreport
<<Java Package>>
bugtrap03.bugdomain.permission
<<Java Package>>
bugtrap03.gui.cmd
<<Java Package>>
bugtrap03.model

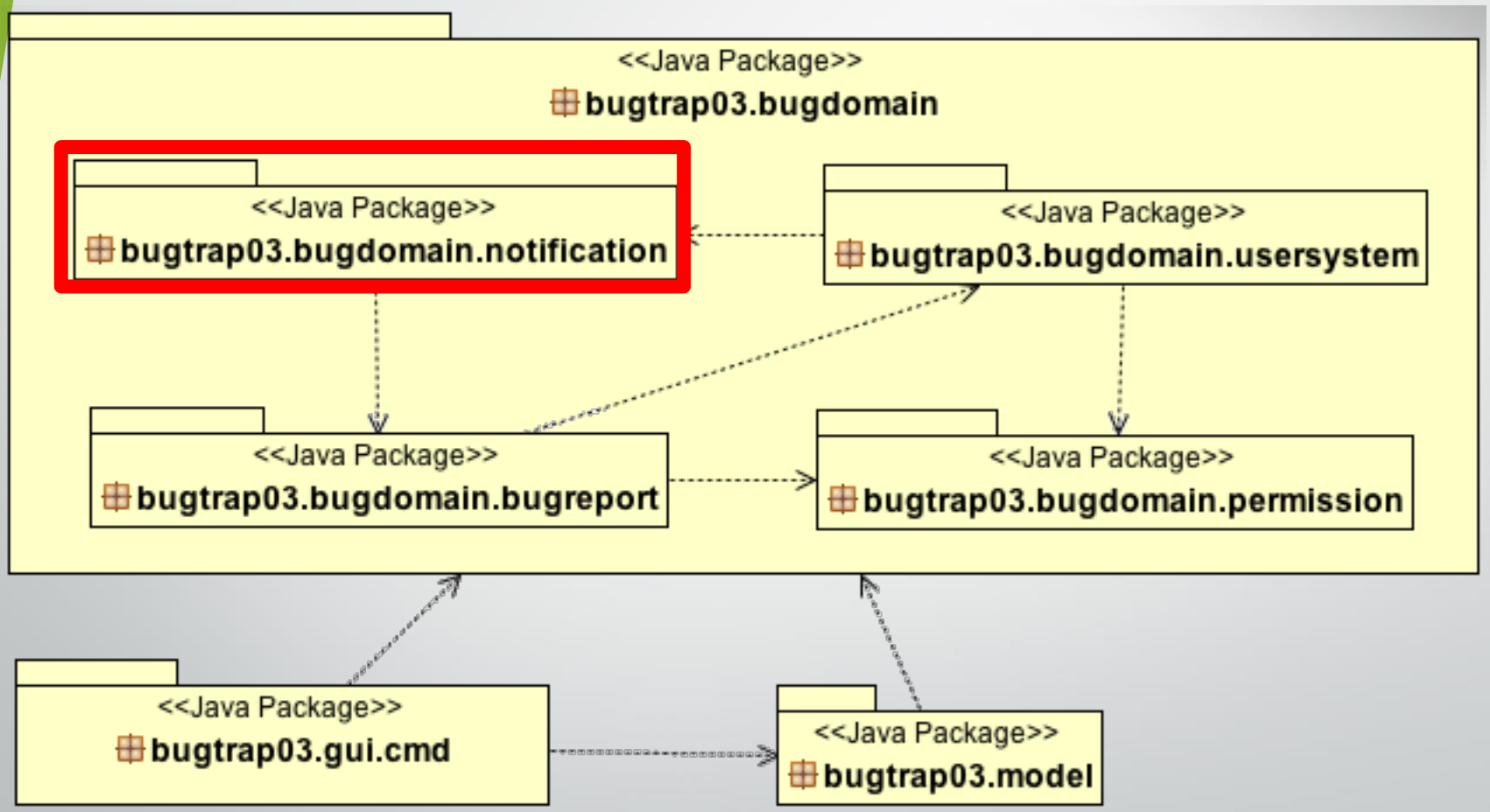
Undo


Visual Paradigm Standard Edition(K.U.Leuven)
model
DataModel
-userList : PList<User>
-projectList : PList<Project>
-history : Stack<ModelCmd>
+getHistory(x : int) : PList<ModelCmd>
+undoLastChanges(user : User, x : int) : boolean
+getAllBugReports(user : User) : PList<BugReport>
+deleteProject(user : User, project : Project) : Project
+addUsersToBugReport(user : User, bugRep : BugReport, devList : PList<Developer>) : void
+setTag(bugrep : BugReport, tag : Tag, user : User) : void
+addTest(bugReport : BugReport, user : User, test : String) : void
+addPatch(bugReport : BugReport, user : User, patch : String) : void
+selectPatch(bugReport : BugReport, user : User, patch : String) : void
+giveScore(bugReport : BugReport, user : User, score : int) : void
+setDuplicate(user : User, bugReport : BugReport, duplicate : BugReport) : void
+registerForCommentNotifications(user : User, subject : Subject) : CommentMailBox
+registerForCreationNotifications(user : User, abstractSystemSubject : AbstractSystemSubject) : CreationMailBox
+registerForSpecificTagsNotifications(user : User, subject : Subject, enumSet : EnumSet<Tag>) : TagMailBox
+registerForAllTagsNotifications(user : User, subject : Subject) : TagMailBox
+unregisterFromNotifications(user : User, mailbox : Mailbox) : Mailbox
+setMilestone(user : User, abstractSystem : AbstractSystem, milestone : Milestone) : void
1
-model
CreateProjectModelCmd
-project : Project
-model : DataModel
-name : String
-desc : String
-startDate : GregorianCalendar
-lead : Developer
-budget : long
-creator : User
~exec() : Project
~undo() : boolean
~isExecuted() : boolean
+toString() : String
AddTestToBugReportModelCmd
-bugReport : BugReport
-user : User
-test : String
-oldMem : BugReportMemento
~AddTestToBugReportModelCmd(bugReport : BugReport, user : User, test : String)
~exec() : Boolean
~undo() : boolean
~isExecuted() : boolean
+toString() : String
ModelCmd
~exec() : Object
~undo() : boolean
~isExecuted() : boolean
+toString() : String

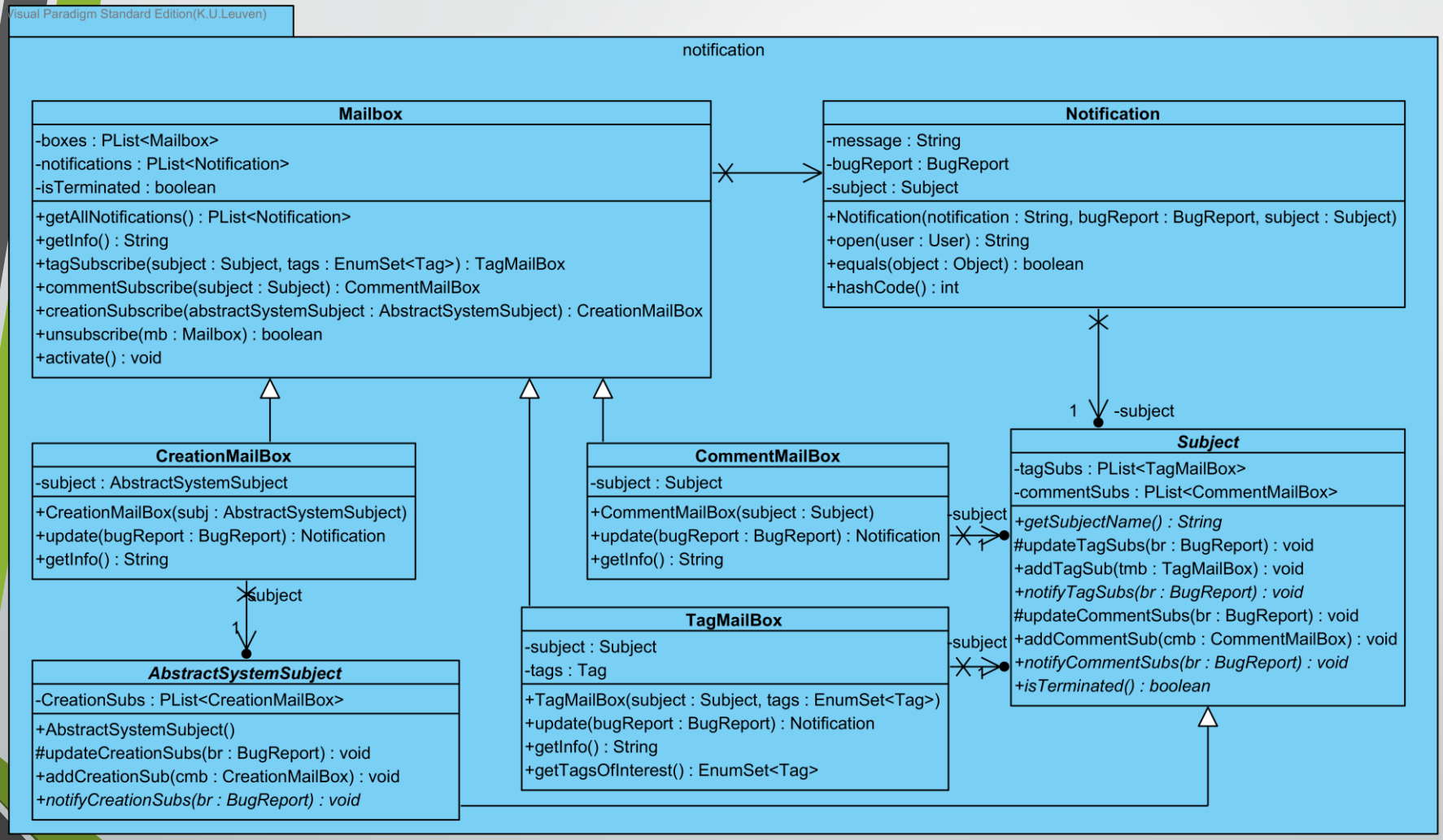
Undo


Visual Paradigm Standard Edition(K.U.Leuven)
sd AddTestToBugReportModelCmd.undo
: AddTestToBugReportModelCmd
bugReport : BugReport
1: undo() : boolean
alt
[try]
1.1: setMemento(mem : BugReportMemento = oldMem) : void
1.2:

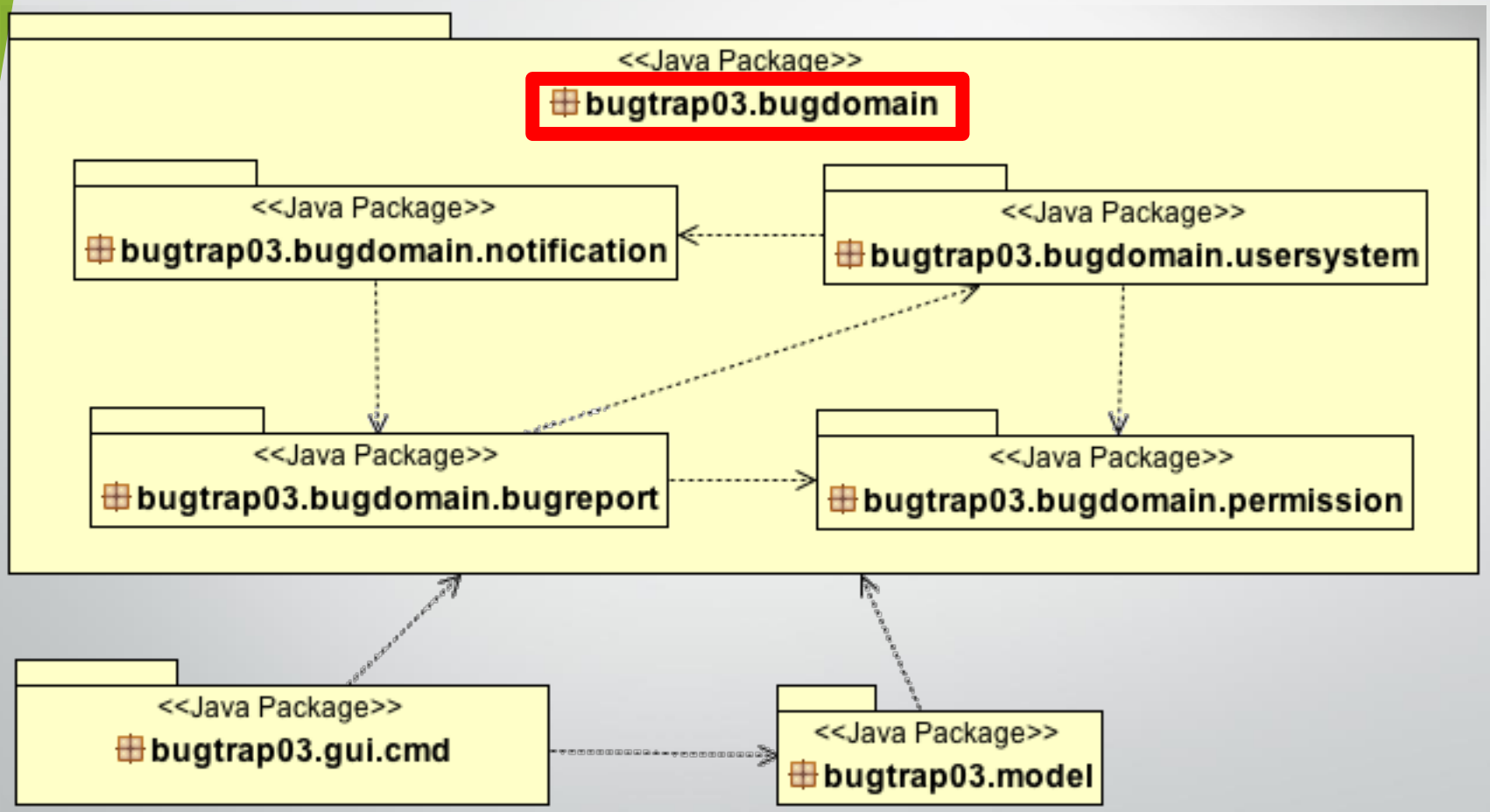
Notification



Notification



Milestone


<<Java Package>>
bugtrap03.bugdomain
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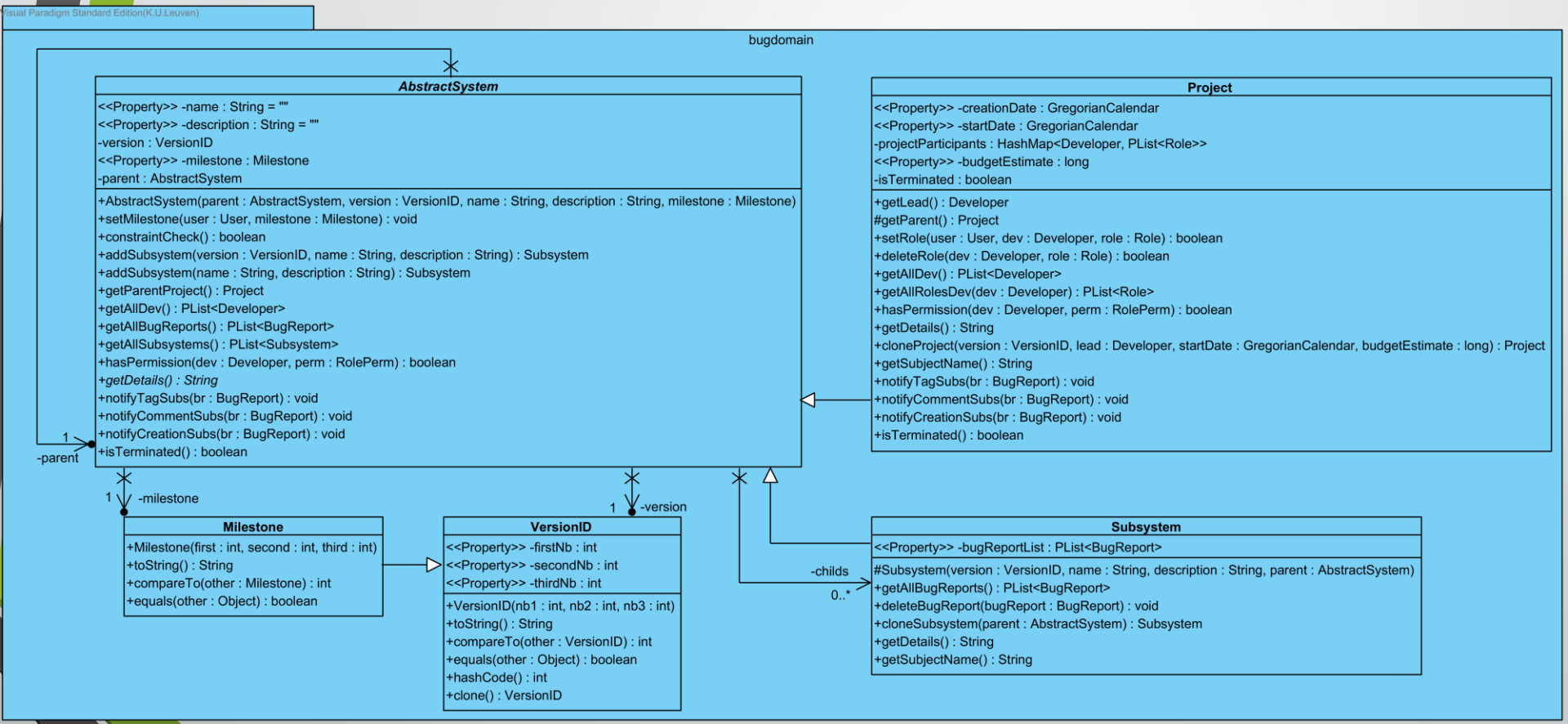
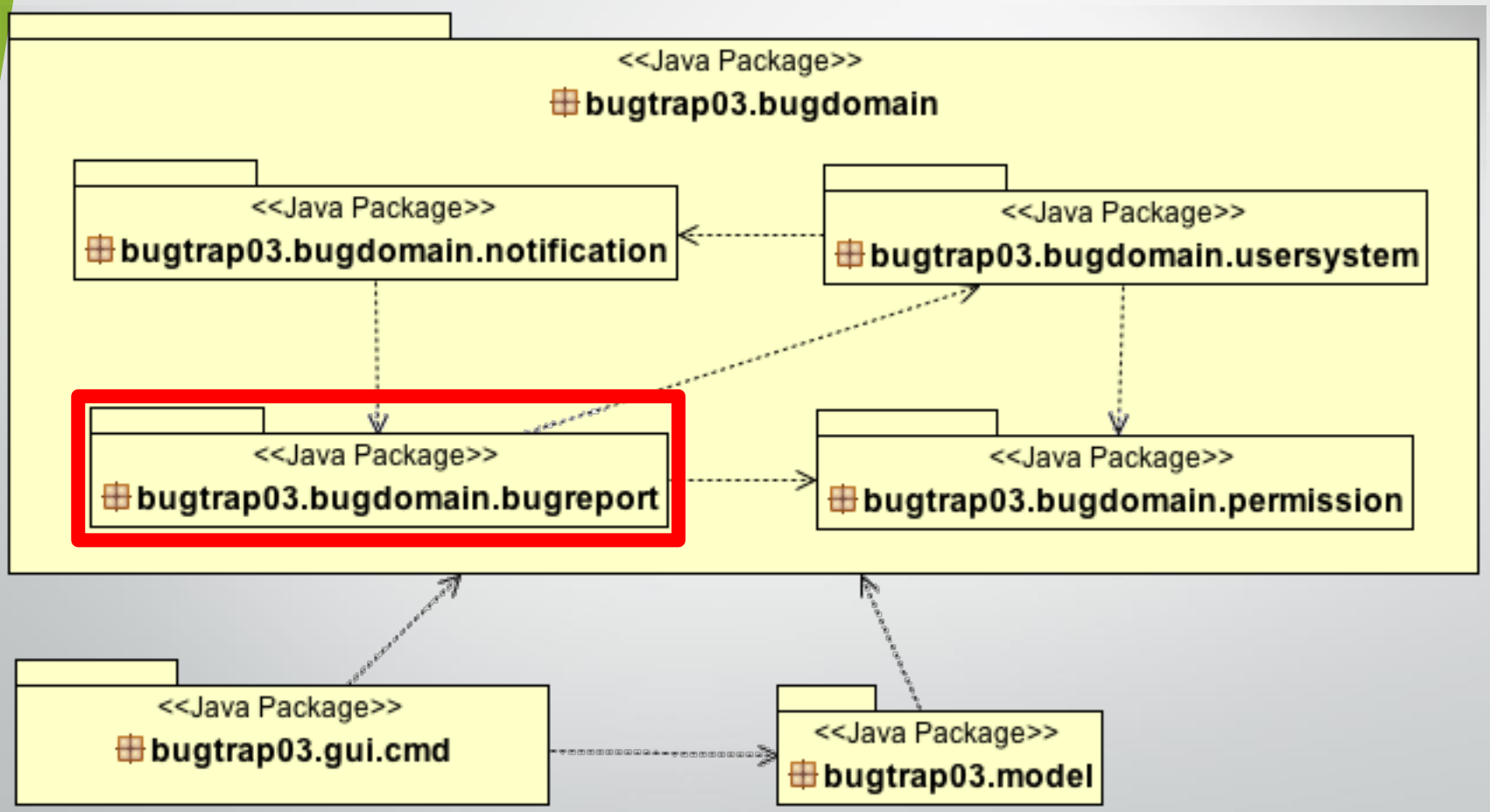
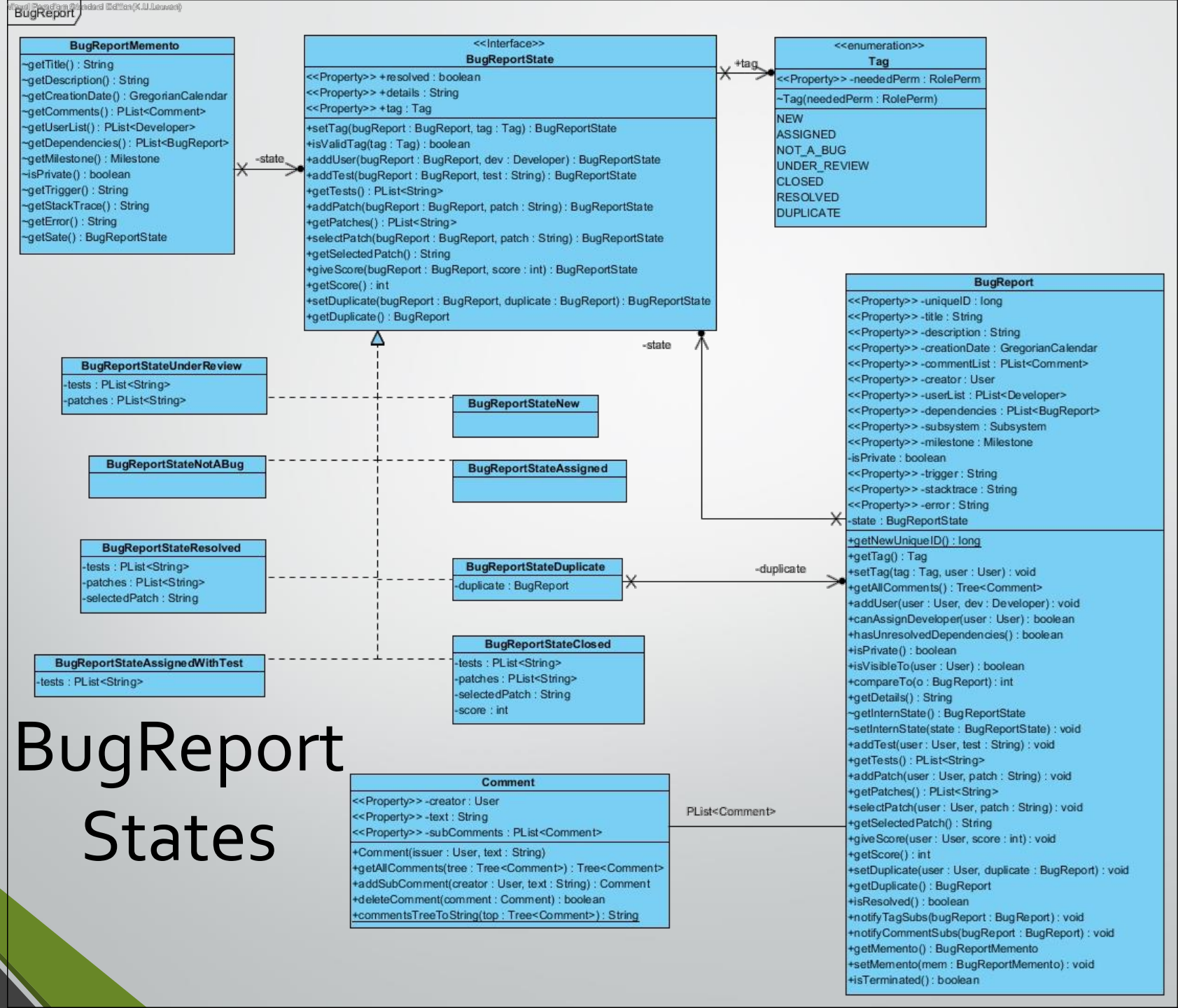
<<Java Package>>
bugtrap03.bugdomain.bugreport
<<Java Package>>
bugtrap03.bugdomain.permission
<<Java Package>>
bugtrap03.gui.cmd
<<Java Package>>
bugtrap03.model

Milestone

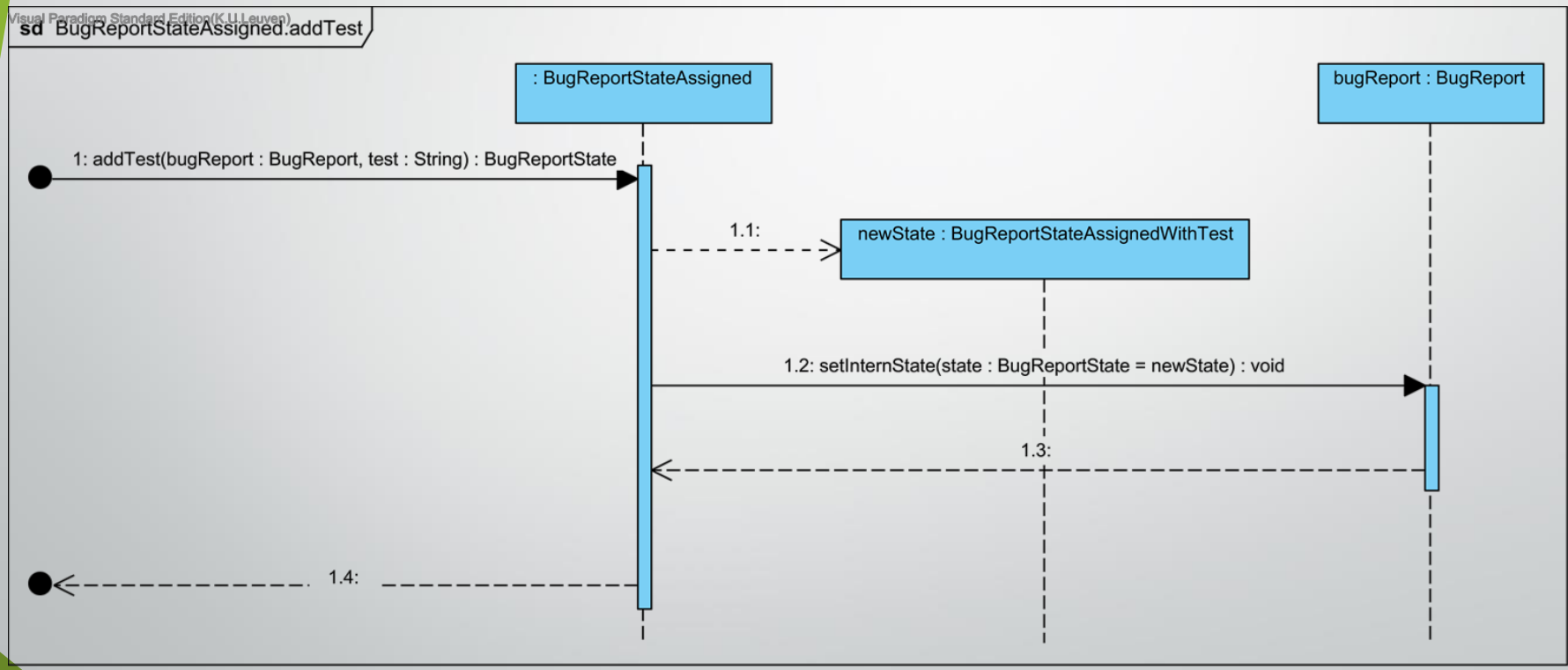

Visual Paradigm Standard Edition(K.U.Leuven)
bugdomain
AbstractSystem
<<Property>> -name : String = ""
<<Property>> -description : String = ""
-version : VersionID
<<Property>> -milestone : Milestone
-parent : AbstractSystem
+AbstractSystem(parent : AbstractSystem, version : VersionID, name : String, description : String, milestone : Milestone)
+setMilestone(user : User, milestone : Milestone) : void
+constraintCheck() : boolean
+addSubsystem(version : VersionID, name : String, description : String) : Subsystem
+addSubsystem(name : String, description : String) : Subsystem
+getParentProject() : Project
+getAllDev() : PList<Developer>
+getAllBugReports() : PList<BugReport>
+getAllSubsystems() : PList<Subsystem>
+hasPermission(dev : Developer, perm : RolePerm) : boolean
+getDetails() : String
+notifyTagSubs(br : BugReport) : void
+notifyCommentSubs(br : BugReport) : void
+notifyCreationSubs(br : BugReport) : void
+isTerminated() : boolean
Project
<<Property>> -creationDate : GregorianCalendar
<<Property>> -startDate : GregorianCalendar
-projectParticipants : HashMap<Developer, PList<Role>>
<<Property>> -budgetEstimate : long
-isTerminated : boolean
+getLead() : Developer
#getParent() : Project
+setRole(user : User, dev : Developer, role : Role) : boolean
+deleteRole(dev : Developer, role : Role) : boolean
+getAllDev() : PList<Developer>
+getAllRolesDev(dev : Developer) : PList<Role>
+hasPermission(dev : Developer, perm : RolePerm) : boolean
+getDetails() : String
+cloneProject(version : VersionID, lead : Developer, startDate : GregorianCalendar, budgetEstimate : long) : Project
+getSubjectName() : String
+notifyTagSubs(br : BugReport) : void
+notifyCommentSubs(br : BugReport) : void
+notifyCreationSubs(br : BugReport) : void
+isTerminated() : boolean
1
-parent
1
-milestone
1
-version
Milestone
+Milestone(first : int, second : int, third : int)
+toString() : String
+compareTo(other : Milestone) : int
+equals(other : Object) : boolean
VersionID
<<Property>> -firstNb : int
<<Property>> -secondNb : int
<<Property>> -thirdNb : int
+VersionID(nb1 : int, nb2 : int, nb3 : int)
+toString() : String
+compareTo(other : VersionID) : int
+equals(other : Object) : boolean
+hashCode() : int
+clone() : VersionID
-childs
0..*
Subsystem
<<Property>> -bugReportList : PList<BugReport>
#Subsystem(version : VersionID, name : String, description : String, parent : AbstractSystem)
+getAllBugReports() : PList<BugReport>
+deleteBugReport(bugReport : BugReport) : void
+cloneSubsystem(parent : AbstractSystem) : Subsystem
+getDetails() : String
+getSubjectName() : String

BugReport States

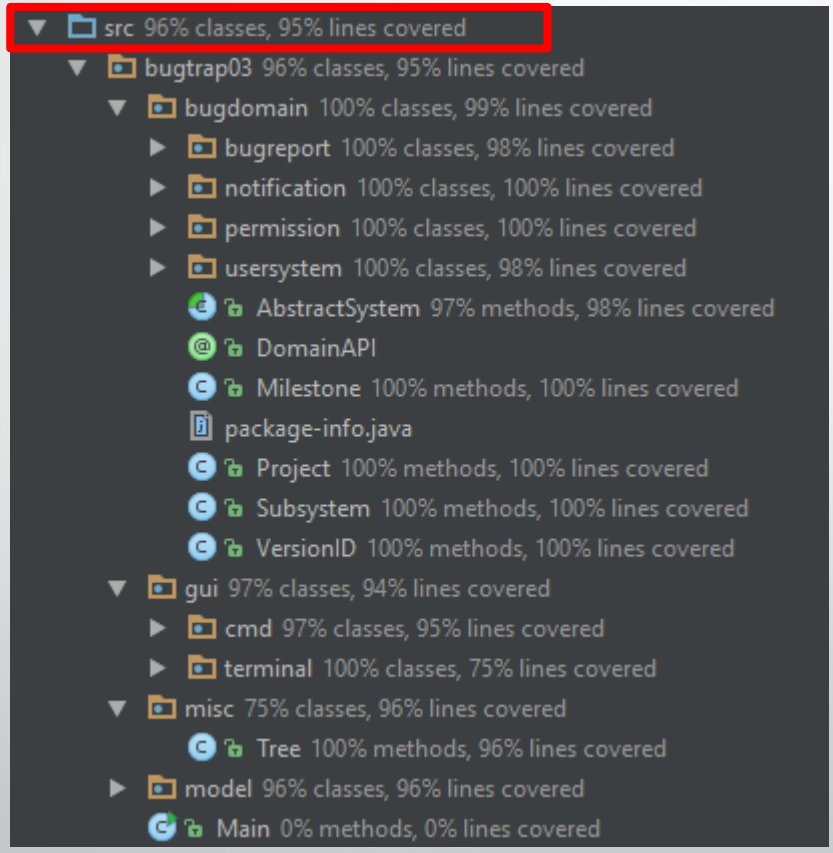



BugReport
BugReportMemento
~getTitle() : String
~getDescription() : String
~getCreationDate() : GregorianCalendar
~getComments() : PList<Comment>
~getUserList() : PList<Developer>
~getDependencies() : PList<BugReport>
~getMilestone() : Milestone
~isPrivate() : boolean
~getTrigger() : String
~getStackTrace() : String
~getError() : String
~getSate() : BugReportState
-state
<<Interface>>
BugReportState
<<Property>> +resolved : boolean
<<Property>> +details : String
<<Property>> +tag : Tag
+setTag(bugReport : BugReport, tag : Tag) : BugReportState
+isValidTag(tag : Tag) : boolean
+addUser(bugReport : BugReport, dev : Developer) : BugReportState
+addTest(bugReport : BugReport, test : String) : BugReportState
+getTests() : PList<String>
+addPatch(bugReport : BugReport, patch : String) : BugReportState
+getPatches() : PList<String>
+selectPatch(bugReport : BugReport, patch : String) : BugReportState
+getSelectedPatch() : String
+giveScore(bugReport : BugReport, score : int) : BugReportState
+getScore() : int
+setDuplicate(bugReport : BugReport, duplicate : BugReport) : BugReportState
+getDuplicate() : BugReport
+tag
<<enumeration>>
Tag
<<Property>> -neededPerm : RolePerm
~Tag(neededPerm : RolePerm)
NEW
ASSIGNED
NOT_A_BUG
UNDER_REVIEW
CLOSED
RESOLVED
DUPLICATE
BugReportStateUnderReview
-tests : PList<String>
-patches : PList<String>
BugReportStateNew
BugReportStateNotABug
BugReportStateAssigned
BugReportStateResolved
-tests : PList<String>
-patches : PList<String>
-selectedPatch : String
BugReportStateDuplicate
-duplicate : BugReport
BugReportStateAssignedWithTest
-tests : PList<String>
BugReportStateClosed
-tests : PList<String>
-patches : PList<String>
-selectedPatch : String
-score : int
-state
BugReport
<<Property>> -uniqueID : long
<<Property>> -title : String
<<Property>> -description : String
<<Property>> -creationDate : GregorianCalendar
<<Property>> -commentList : PList<Comment>
<<Property>> -creator : User
<<Property>> -userList : PList<Developer>
<<Property>> -dependencies : PList<BugReport>
<<Property>> -subsystem : Subsystem
<<Property>> -milestone : Milestone
-isPrivate : boolean
<<Property>> -trigger : String
<<Property>> -stacktrace : String
<<Property>> -error : String
-state : BugReportState
+getNewUniqueID() : long
+getTag() : Tag
+setTag(tag : Tag, user : User) : void
+getAllComments() : Tree<Comment>
+addUser(user : User, dev : Developer) : void
+canAssignDeveloper(user : User) : boolean
+hasUnresolvedDependencies() : boolean
+isPrivate() : boolean
+isVisibleTo(user : User) : boolean
+compareTo(o : BugReport) : int
+getDetails() : String
~getInternState() : BugReportState
~setInternState(state : BugReportState) : void
+addTest(user : User, test : String) : void
+getTests() : PList<String>
+addPatch(user : User, patch : String) : void
+getPatches() : PList<String>
+selectPatch(user : User, patch : String) : void
+getSelectedPatch() : String
+giveScore(user : User, score : int) : void
+getScore() : int
+setDuplicate(user : User, duplicate : BugReport) : void
+getDuplicate() : BugReport
+isResolved() : boolean
+notifyTagSubs(bugReport : BugReport) : void
+notifyCommentSubs(bugReport : BugReport) : void
+getMemento() : BugReportMemento
+setMemento(mem : BugReportMemento) : void
+isTerminated() : boolean
-duplicate
Comment
<<Property>> -creator : User
<<Property>> -text : String
<<Property>> -subComments : PList<Comment>
+Comment(issuer : User, text : String)
+getAllComments(tree : Tree<Comment>) : Tree<Comment>
+addSubComment(creator : User, text : String) : Comment
+deleteComment(comment : Comment) : boolean
+commentsTreeToString(top : Tree<Comment>) : String
PList<Comment>
BugReport States

BugReport States



Test Coverage



Roles

- Design Coordinator – Kwinten Buytaert
- Test Coordinator – Ben Goethuys
- Domain Coordinator – Vincent Derkinderen
- “Project” Coordinator – Mathias Dekempeneer

Time table

		week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 9	week 10
studie	ben	6:00	4:35	2:00	0:00	0:00	0:30	1:00	0:00	0:00	0:00
	vincent	6:00	5:50	1:00	0:00	0:00	0:00	0:15	0:00	0:00	0:00
	mathias	3:00	3:00	1:00	0:00	0:00	0:00	0:00	1:30	1:00	0:00
	kwinten	1:00	0:30	1:30	0:00	0:00	2:00	2:30	0:00	0:30	0:00
code	ben	0:00	4:30	21:00	13:15	4:30	7:40	5:45	11:35	10:00	6:00
	vincent	0:00	4:00	18:45	10:00	7:30	0:00	10:45	13:00	15:15	5:30
	mathias	0:00	4:00	3:00	3:00	5:30	0:00	4:00	5:00	5:00	4:00
	kwinten	0:00	4:00	1:00	4:15	2:15	0:00	4:00	9:00	7:00	10:00
gemeenschappelijk		0:00	11:45	8:00	9:30	14:30	9:45	7:30	0:00	0:00	15:30
presentatie	ben	0:00	0:00	0:00	0:00	2:45	1:30	0:00	0:00	0:00	0:00
	vincent	0:00	0:00	0:00	0:00	2:45	1:30	0:00	0:00	0:00	0:00
	mathias	0:00	0:00	0:00	0:00	0:00	1:30	0:00	0:00	0:00	0:00
	kwinten	0:00	0:00	0:00	0:00	0:00	1:30	0:00	0:00	0:00	0:00
hoorcollege	ben	0:00	2:30	4:00	1:00	0:00	4:00	0:30	0:00	0:00	0:00
	vincent	0:00	2:30	4:00	1:00	0:00	4:00	0:30	0:00	0:00	0:00
	mathias	0:00	2:30	4:00	1:00	0:00	4:00	0:30	0:00	0:00	0:00
	kwinten	0:00	2:30	2:30	1:00	0:00	4:00	0:30	0:00	0:00	0:00
totaal	ben	6:00	23:20	35:00	23:45	21:45	23:25	14:45	11:35	10:00	21:30
	vincent	6:00	24:05	31:45	20:30	24:45	15:15	19:00	13:00	15:15	21:00
	mathias	3:00	21:15	16:00	13:30	20:00	15:15	12:00	6:30	6:00	19:30
	kwinten	1:00	18:45	13:00	14:45	16:45	17:15	14:30	9:00	7:30	25:30

		1	2	3
iteration	ben	109:50	81:15	
	vincent	107:05	83:30	
	mathias	73:45	59:15	
	kwinten	64:15	73:45	