

Issue	
getNumber()	int
setNumber(int)	void
getRepository()	Repository
setRepository(Repository)	void
getUrl()	String
setUrl(String)	void
getTitle()	String
setTitle(String)	void
getBody()	String
setBody(String)	void
getAuthor()	User
setAuthor(User)	void
getCreatedTime()	Date
setCreatedTime(Date)	void
getUpdatedTime()	Date
setUpdatedTime(Date)	void
getClosedTime()	Date
setClosedTime(Date)	void
getDueTime()	Date
setDueTime(Date)	void
isLocked()	boolean
setLocked(boolean)	void
isInvalid()	boolean
setInvalid(boolean)	void
isDuplicated()	boolean
setDuplicated(boolean)	void
getComments()	Collection<IssueComment>
setComments(Collection<IssueComment>)	void
isClosed()	boolean
setClosed(boolean)	void
isFixed()	boolean
setFixed(boolean)	void
getLabels()	Collection<Label>
setLabels(Collection<Label>)	void

IssueExtractor	
getContributors(Repository)	Collection<User>
getClosedIssues(Repository)	Collection<Issue>
getClosedIssues(User, Repository)	Collection<Issue>
getFixedIssues(Repository)	Collection<Issue>
getFixedIssues(User, Repository)	Collection<Issue>
getOpenIssues(Repository)	Collection<Issue>
getOpenIssues(User, Repository)	Collection<Issue>
getCommitsInvolvedInIssue(Issue)	Collection<Commit>
getIssues(Repository)	Collection<Issue>

IssueExtractorImpl	
setGithub(Github)	void
getContributors(Repository)	Collection<User>
getClosedIssues(Repository)	Collection<Issue>
getClosedIssues(User, Repository)	Collection<Issue>
getFixedIssues(Repository)	Collection<Issue>
getFixedIssues(User, Repository)	Collection<Issue>
getOpenIssues(Repository)	Collection<Issue>
getOpenIssues(User, Repository)	Collection<Issue>
getCommitsInvolvedInIssue(Issue)	Collection<Commit>
getIssues(Repository)	Collection<Issue>
loadIssue(Repo, Repository, int)	Issue
loadCommit(Repo, String)	Commit
loadUser(String)	User
getOptionalDate(String)	Date
getMandatoryDate(String)	Date

IssueExtractorStub	
getContributors(Repository)	Collection<User>
getClosedIssues(Repository)	Collection<Issue>
getClosedIssues(User, Repository)	Collection<Issue>
getFixedIssues(Repository)	Collection<Issue>
getFixedIssues(User, Repository)	Collection<Issue>
getOpenIssues(Repository)	Collection<Issue>
getOpenIssues(User, Repository)	Collection<Issue>
getCommitsInvolvedInIssue(Issue)	Collection<Commit>
getIssues(Repository)	Collection<Issue>

PorterStemmer	
add(char)	void
toString()	String
cons(int)	boolean
m()	int
vowelinstem()	boolean
doublec(int)	boolean
cvc(int)	boolean
ends(String)	boolean
setto(String)	void
r(String)	void
step1()	void
step2()	void
step3()	void
step4()	void
step5()	void
step6()	void
stem()	void
stem(String)	String

IssueComment	
getIssue()	Issue
setIssue(Issue)	void
getIrl()	String
setUrl(String)	void
getBody()	String
setBody(String)	void
getAuthor()	User
setAuthor(User)	void
getCreatedTime()	Date
setCreatedTime(Date)	void
getUpdatedTime()	Date
setUpdatedTime(Date)	void
compareTo(Object)	int

Commit	
getAuthor()	User
setAuthor(User)	void
getMessage()	String
setMessage(String)	void
getChanges()	Collection<FileChange>
setChanges(Collection<FileChange>)	void
getTotalAddedLines()	int
getTotalRemovedLines()	int
getTotalChangedLines()	int
getHash()	String
setHash(String)	void

Analytics	
getMeanFirstResponseTime(String)	long
getFirstResponseTimeDistribution(String)	HashMap<Issue, Long>
getMeanTicketClosingTime(String)	long
getTicketClosingTimeDistribution(String)	HashMap<Issue, Long>
getNumberOfOpenIssues(String)	int
getOpenIssueWithoutComment(String)	ArrayList<Issue>
getOpenIssueWithoutLabel(String)	ArrayList<Issue>
getTimeToLastComment(String)	HashMap<Issue, Long>
getClosedIssueWithoutComment(String)	ArrayList<Issue>
getFixedIssueWithoutComment(String)	ArrayList<Issue>

AnalyticsApi	
getMeanFirstResponseTime(String)	Response
getFirstTimeDistribution(String)	Response
getMeanTicketClosingTime(String)	Response
getTicketClosingTimeDistribution(String)	Response
getNumberOfOpenIssues(String)	Response
getOpenWithoutComment(String)	Response
getOpenIssueWithoutLabel(String)	Response
getTimeToLastComment(String)	Response
getClosedIssueWithoutComment(String)	Response
getFixedIssueWithoutComment(String)	Response

RecommendedUser	
getUser()	User
setUser(User)	void
getCoverage()	double
getWeight()	double
updateCoverage(double)	void
updateWeight(double)	void
getWeightedCoverage()	double
equals(Object)	boolean
hashCode()	int
compareTo(Object)	int

AnalyticsTest	
getMeanFirstResponseTime()	void
getFirstTimeDistribution()	void
getMeanTicketClosingTime()	void
getNumberOfOpenIssues()	void
getOpenIssueWithoutComment()	void
getOpenIssueWithoutLabel()	void
getTimeToLastComment()	void
getClosedIssueWithoutComment()	void
getFixedIssueWithoutComment()	void

Repository	
getName()	String
setName(String)	void
getUrl()	String
setUrl(String)	void
getIssues()	Collection<Issue>
setIssues(Collection<Issue>)	void
getContributors()	Collection<User>
setContributors(Collection<User>)	void

FileChange	
getFileName()	String
setFileName(String)	void
getAddedLines()	int
setAddedLines(int)	void
getRemovedLines()	int
setRemovedLines(int)	void
getChangedLines()	int
setChangedLines(int)	void

IssueExtractorImplTest	
setUp()	void
getContributors()	void
getFixedIssues()	void
getFixedIssuesWithUser()	void
getOpenIssues()	void
getOpenIssuesWithUser()	void
getCommitsInvolvedInIssue()	void

User	
getLogin()	String
setLogin(String)	void
getUrl()	String
setUrl(String)	void
equals(Object)	boolean
hashCode()	int

Authenticator	
getInstance()	Authenticator
authenticate(String, String)	void
authenticate(String)	void
getGithub()	Github

AssigneesRecommender	
getRecommendation(Issue)	ArrayList<RecommendedUser>
sortByValueDesc(Map<Issue, Double>)	Map<Issue, Double>
getCommitsInvolvedInIssue(Issue)	List<Commit>

VSM	
computeTextualSimilarity(String, String)	double
getVector(String)	Map<String, Double>
vsm(Map<String, Double>, Map<String, Double>)	double

IssueExtractorFactory	
setImplementor(IssueExtractor)	void
getInstance()	IssueExtractor

AuthenticatorTest	
test()	void

ClosedIssueException	
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GithubException	
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Label	
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