

JobPosting		
name	String	
id	int	
closed	boolean	
filled	boolean	
company	Company	
openDate	Calendar	
closeDate	Calendar	
requirements	String	
numPositions	int	
tags	String	
applicantList	ArrayList<Applicant>	
recommended	ArrayList<Applicant>	
rejected	ArrayList<Applicant>	
hired	ArrayList<Applicant>	
interviewTypesList	ArrayList<ArrayList<Object>>	
appInterviewMap	HashMap<Applicant, Interview>	
roundFinished	boolean	
JobPosting(String, String, Calendar, int, Company, ArrayList<ArrayList<Object>>, String, int)		
equals(Object)	boolean	
hasEnoughInterviewers()	boolean	
finishedHiring()	boolean	
updateApplicants()	void	
getApplicantByID(int)	Applicant	
toString()	String	
getApplicantList()	ArrayList<Applicant>	
getID()	int	
getName()	String	
isClosed()	boolean	
isFilled()	boolean	
getCompany()	Company	
getOpenDate()	Calendar	
getCloseDate()	Calendar	
getRequirements()	String	
getRecommended()	ArrayList<Applicant>	
getRejected()	ArrayList<Applicant>	
getInterviewTypesList()	ArrayList<ArrayList<Object>>	
getAppInterviewMap()	HashMap<Applicant, Interview>	
getTags()	String	
getRoundFinished()	boolean	
getHired()	ArrayList<Applicant>	
addApplicant(Applicant)	void	
setClosed(boolean)	void	
setFilled(boolean)	void	
addInterview(Applicant, Interview)	void	
setRoundFinished(boolean)	void	
addHiredApplicant(Applicant)	void	

Interview		
interviewersList	ArrayList<Interviewer>	
numInterviewers	int	
interviewee	Applicant	
status	String	
date	Calendar	
nextIntDate	Calendar	
jobPosting	JobPosting	
name	String	
intervieweeName	String	
dateString	String	
finished	boolean	
Interview(Applicant, String, Calendar, JobPosting)		
updateStatus(String)	void	
hasEnoughInterviewers()	boolean	
getJobPosting()	JobPosting	
getInterviewers()	ArrayList<Interviewer>	
addInterviewer(Interviewer)	void	
getInterviewee()	Applicant	
getName()	String	
getStatus()	String	
getNumInterviewers()	int	
setNumInterviewers(int)	void	
getNextIntDate()	Calendar	
setNextIntDate(Calendar)	void	
getIntervieweeName()	String	
getDateString()	String	
getFinished()	boolean	
setFinished(boolean)	void	
toString()	String	
getInterviewerByID(int)	Interviewer	

HRManager		
jp	JobPortal	
HRManager(JobPortal)		
menu(HRCoord, IDManager)	void	
createInterviewer(HRCoord, IDManager)	Interviewer	
printInterviewer(Interviewer)	void	

InterviewerManager		
jp	JobPortal	
InterviewerManager(JobPortal)		
menu(Interviewer)	void	

JobPortal		
companies	HashMap<String, Company>	
userlist	HashMap<Integer, User>	
idmanager	IDManager	
hrmanager	HRManager	
appmanager	ApplicantManager	
intmanager	InterviewerManager	
serialVersionUID	long	
JobPortal(HashMap<String, Company>, HashMap<Integer, User>)		
runJobPortal()	void	
printJobs(ArrayList)	void	
filterJobs(JobPostingFilter)	ArrayList	
getJobByID(int)	JobPosting	
getApplicantByID(int)	Applicant	
getUserlist()	HashMap<Integer, User>	
getCompanies()	HashMap<String, Company>	
setUserlist(HashMap<Integer, User>)	void	
getJobPostingList()	ArrayList<JobPosting>	
addCompany(Company)	void	
addUserToList(User)	void	
getIdManager()	IDManager	

Company		
jobPostingsList	ArrayList<JobPosting>	
name	String	
interviewers	ArrayList<Interviewer>	
hrdept	HRCoord	
interviewTypes	ArrayList<String>	
Company(String)		
getInterviewerByID(int)	Interviewer	
getJobByID(int)	JobPosting	
receiveJobApplication(Applicant, JobPosting)	void	
printJobsNeedingInterviews()	void	
printJobs()	void	
getInterviewTypes()	ArrayList<String>	
getInterviewers()	ArrayList<Interviewer>	
getJobPostingsList()	ArrayList<JobPosting>	
getName()	String	
getHRdept()	HRCoord	
addInterviewTypes(String)	void	
setHRdept(HRCoord)	void	
addInterviewers(Interviewer)	void	
addJobPosting(JobPosting)	void	

IBIO		
output(String)	void	
output(char)	void	
output(byte)	void	
output(int)	void	
output(long)	void	
output(double)	void	
output(boolean)	void	
input(String)	String	
inputString(String)	String	
input()	String	
inputInt()	int	
inputDouble()	double	
inputChar(String)	char	
inputByte(String)	byte	
inputInt(String)	int	
inputLong(String)	long	
inputDouble(String)	double	
inputBoolean(String)	boolean	

LoginManager		
currentUser	User	
userlist	HashMap<Integer, User>	
companies	HashMap<String, Company>	
IDMan	IDManager	
LoginManager(HashMap<String, Company>, HashMap<Integer, User>, IDManager)		
newUser()	boolean	
loginUser()	void	
updateCurrentUser(int)	void	
getCurrentUser()	String	
getCurrentApplicant()	Applicant	
getCurrentInterviewer()	Interviewer	
getCurrentHR()	HRCoord	
createNewUser()	void	
createApplicant(String, int)	void	
saveApplicantFiles(int, String, String)	void	
createHRCoord(String, int)	void	
printASCII()	void	

Main		
sm	SerializerManager	
currentJobPortal	JobPortal	
Main()		
main(String[])		

IDManager		
userIDCount	int	
jobPostIDCount	int	
IDManager(int, ArrayList<Company>)		
newUserID()	int	
newPostID()	int	

Package InterviewersManager

ApplicantManager		
jp	JobPortal	
ApplicantManager(JobPortal)		
menu(Applicant)	void	

Package application

