



## ConferenceSystem



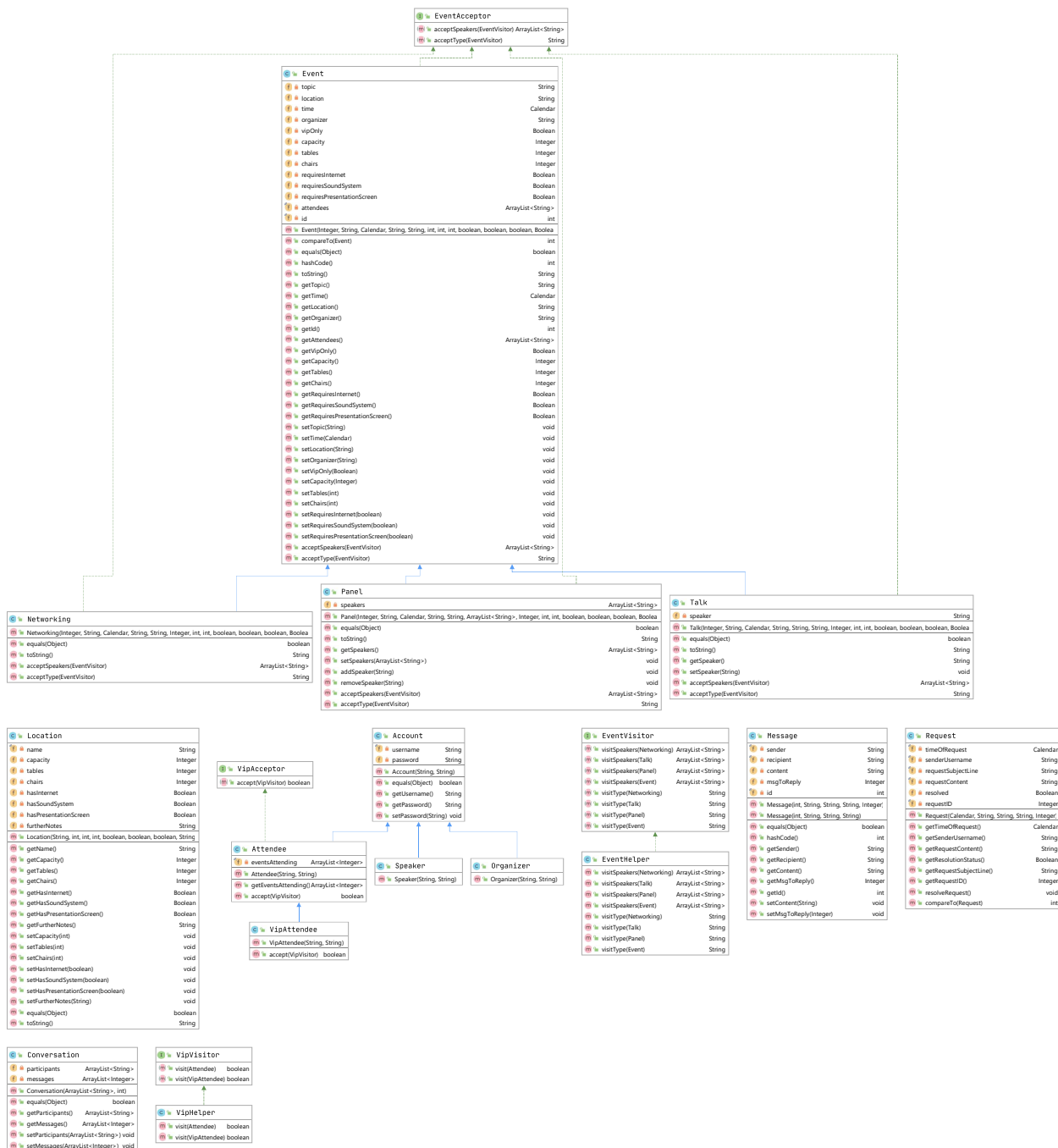
main(String[]) void















































run() void






























readData() DataManager



















EventManager		
	events	HashMap<Integer, Event>
	eventModifier	EventModifier
	eventChecker	EventChecker
	eventFactory	EventFactory
	assignEventID	int
	EventManager(HashMap<Integer, Event>)	
	eventsFull(Integer)	boolean
	fetchEventList()	ArrayList<Event>
	fetchEventAttendeeList(Integer)	ArrayList<String>
	getSpeakerEvents(String)	ArrayList<Event>
	getSortedEvents(ArrayList<Event>)	ArrayList<String>
	getSortedEventsById(ArrayList<Integer>)	ArrayList<String>
	getAllSortedEvents()	ArrayList<String>
	getSpeakerSortedEvents(String)	ArrayList<String>
	addNewEvent(EventTypeEnum, String, Calendar, String, String, ArrayList<String>, Integer, int, int, boolean, boolean, boolean, Boolean, void)	
	cancelEvent(Integer)	void
	changeTime(Integer, Calendar)	void
	checkValidEvent(Calendar, String, ArrayList<String>)	void
	isSpeakerOfEvent(Integer, String)	boolean
	isSignedUp(Integer, String)	boolean
	addAttendee(Integer, String)	void
	removeAttendee(Integer, String)	void
	getVipRestriction(Integer)	boolean
	getHTMLFileName()	String
	getHTMLTitle()	String
	getHTMLBody()	String





AccountManager		
	attendeeHashMap	HashMap<String, Attendee>
	organizerHashMap	HashMap<String, Organizer>
	speakerHashMap	HashMap<String, Speaker>
	AccountManager()	
	AccountManager(HashMap<String, Attendee>, HashMap<String, Organizer>, HashMap<String, Speaker>)	
	getSpeakerHashMap()	HashMap<String, Speaker>
	getAttendeeHashMap()	HashMap<String, Attendee>
	getOrganizerHashMap()	HashMap<String, Organizer>
	getAccountHashMap()	HashMap<String, Account>
	speakerUsernameliterator()	Iterator<String>
	attendeeUsernameliterator()	Iterator<String>
	isCorrectPassword(String, String)	boolean
	containsAttendee(String)	boolean
	containsSpeaker(String)	boolean
	containsOrganizer(String)	boolean
	containsAccount(String)	boolean
	isVipAttendee(String)	boolean
	addNewAttendee(String, String)	void
	addNewVipAttendee(String, String)	void
	addNewSpeaker(String, String)	void
	addNewOrganizer(String, String)	void
	addEventToAttend(Integer, String)	void
	removeEventToAttend(Integer, String)	void
	getAttendeeEvents(String)	ArrayList<Integer>


LocationManager		
	locations	HashMap<String, Location>
	LocationManager(HashMap<String, Location>)	
	LocationManager()	
	addNewLocation(String, int, int, int, boolean, boolean, boolean, String, void)	
	checkExistingLocation(String)	void
	checkNewLocation(String)	void
	locationMeetsRequirements(Location, int, int, int, boolean, boolean, boolean, boolean)	
	checkLocationMeetsRequirements(String, int, int, int, boolean, boolean, boolean, boolean)	
	getSuggestedLocations(int, int, int, boolean, boolean, boolean, ArrayList<String>)	
	setLocationCapacity(String, Integer)	void
	setLocationTables(String, Integer)	void
	setLocationChairs(String, Integer)	void
	setLocationHasInternet(String, Boolean)	void
	setLocationHasSoundSystem(String, Boolean)	void
	setLocationHasPresentationScreen(String, Boolean)	void
	setLocationFurtherNotes(String, String)	void
	getAllLocationsAsString()	ArrayList<String>


RequestManager		
	pendingRequests	HashMap<Integer, Request>
	resolvedRequests	HashMap<Integer, Request>
	assignRequestID	int
	sendRequest(String, String, String)	void
	resolveRequest(Integer)	void
	pendingRequestListToString()	String
	resolvedRequestListToString()	String
	getString(Request[], HashMap<Integer, Request>, Request>)	String
	getRequestInfo(Request)	String
	getRequestInfoMap(Request)	HashMap<String, String>

ConversationManager		
	conversations	HashMap<String, HashMap<String, Conversation>>
	messages	HashMap<Integer, Message>
	assignMessageID	int
	messageToString(Integer)	String
	getConversationMessages(String, String)	ArrayList<Integer>
	getAllConversationRecipients(String)	Set<String>
	addAccountKey(String)	void
	sendMessage(String, String, String)	void
	addMessageToConversation(Conversation, Message)	void

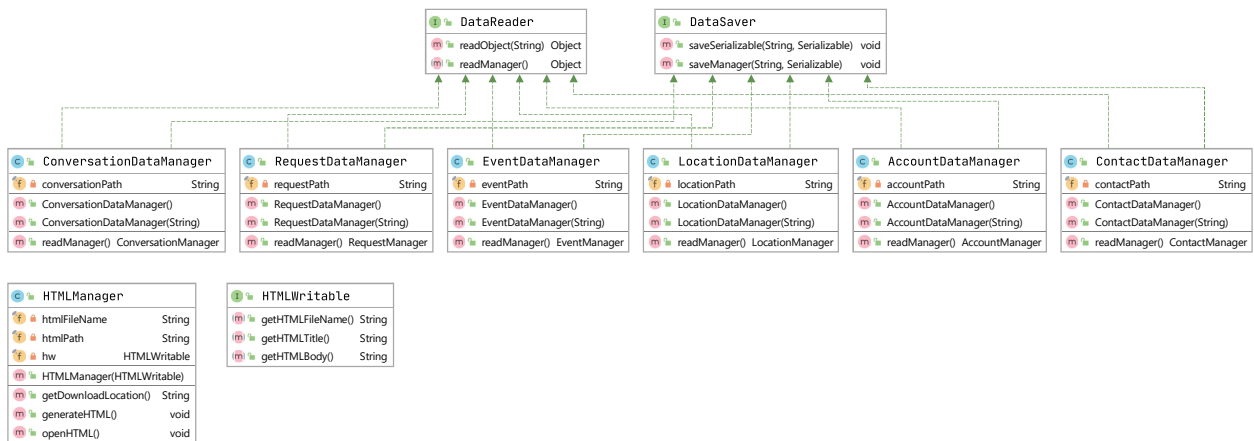
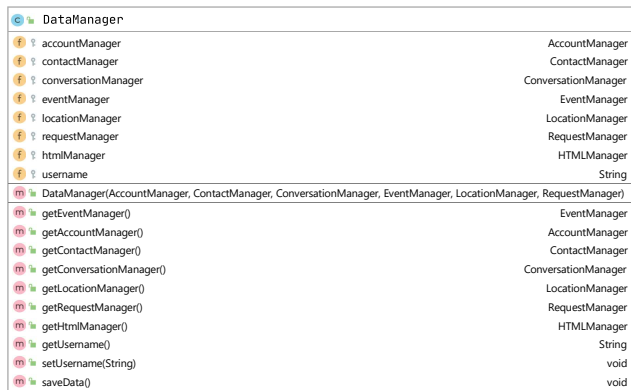
ContactManager		
	contacts	HashMap<String, ArrayList<String>>
	ContactManager(HashMap<String, ArrayList<String>>)	
	ContactManager()	
	getContactList(String)	ArrayList<String>
	addAccountKey(String)	void
	addContact(String, String)	void
	removeContact(String, String)	void

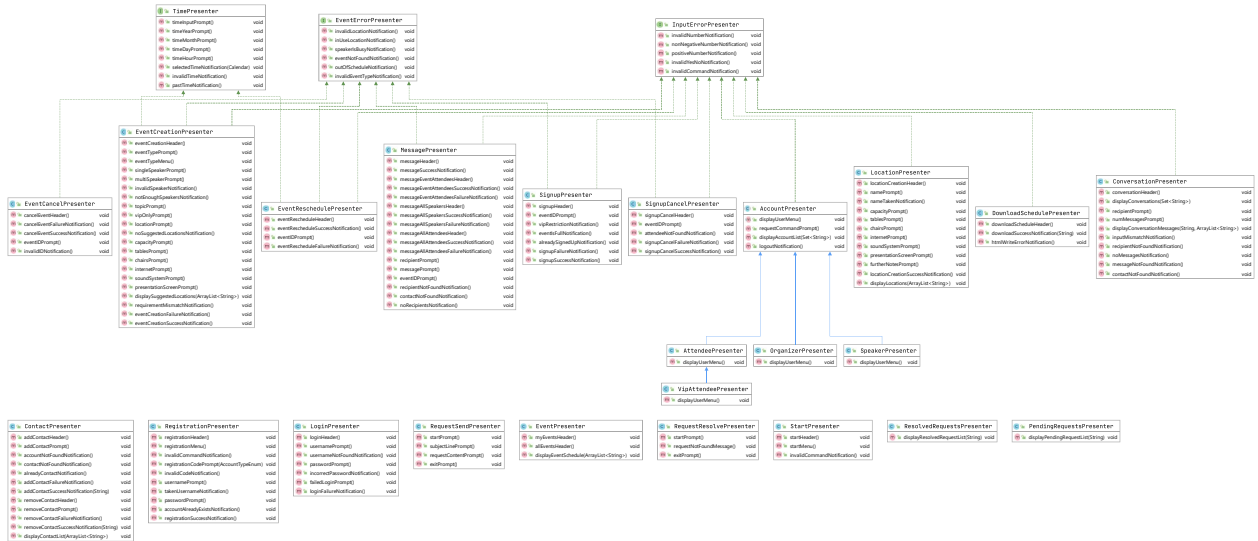
EventModifier		
	ChangeLocation(Event, String)	void
	ChangeTime(Event, Calendar)	void
	ChangeTopic(Event, String)	void
	ChangeOrganizer(Event, String)	void

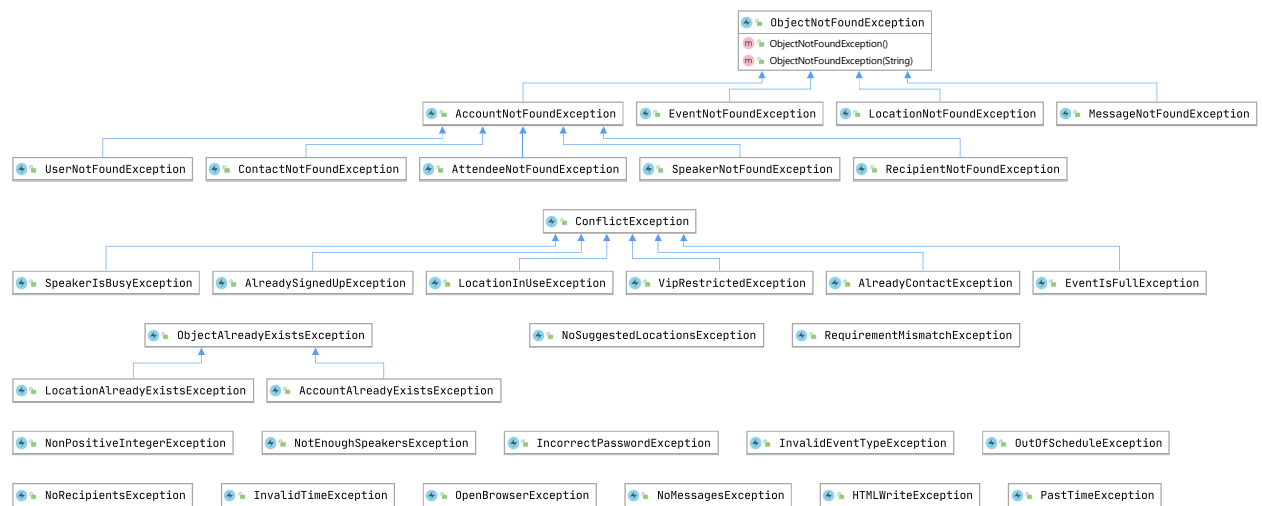
EventFactory		
	getEvent(EventTypeEnum, Integer, String, Calendar, String, String, ArrayList<String>, Integer, int, int, boolean, boolean, boolean, Boolean, void)	

EventChecker		
	checkValidEvent(Calendar, String, ArrayList<String>, ArrayList<Event>)	void









ViewEnum
START
LOGIN
REGISTRATION
ORGANIZER
SPEAKER
VIP_ATTENDEE
ATTENDEE
EXIT
ADD_CONTACT
REMOVE_CONTACT
VIEW_CONTACTS
MESSAGE
VIEW_CONVERSATION
VIEW_EVENT_SCHEDULE
DOWNLOAD_SCHEDULE
VOID
CREATE_ACCOUNT
MESSAGE_ALL_SPEAKERS
MESSAGE_ALL_ATTENDEES
VIEW_LOCATIONS
ADD_LOCATION
CREATE_EVENT
CANCEL_EVENT
RESCHEDULE_EVENT
VIEW_UNRESOLVED_REQUEST
VIEW_RESOLVED_REQUEST
RESOLVE_REQUEST
MESSAGE_TALK_ATTENDEES
VIEW_SPEAKER_SCHEDULE
VIEW_SIGNUP_SCHEDULE
SIGNUP_EVENT
LEAVE_EVENT
SEND_REQUEST
values() ViewEnum[]
valueOf(String) ViewEnum

OrganizerMenuEnum
EXIT
LOGOUT
CREATE_ACCOUNT
VIEW_ALL_ACCOUNTS
ADD_CONTACT
REMOVE_CONTACT
VIEW_CONTACTS
MESSAGE
MESSAGE_ALL_SPEAKERS
MESSAGE_ALL_ATTENDEES
VIEW_CONVERSATION
VIEW_EVENT_SCHEDULE
VIEW_LOCATIONS
ADD_LOCATION
CREATE_EVENT
CANCEL_EVENT
RESCHEDULE_EVENT
DOWNLOAD_SCHEDULE
VIEW_UNRESOLVED_REQUEST
VIEW_RESOLVED_REQUEST
RESOLVE_REQUEST
VIEW_MENU
INVALID
stringValue String
OrganizerMenuEnum(String)
fromString(String) OrganizerMenuEnum
values() OrganizerMenuEnum[]
valueOf(String) OrganizerMenuEnum

VipAttendeeMenuEnum
EXIT
LOGOUT
VIEW_ALL_ACCOUNTS
ADD_CONTACT
REMOVE_CONTACT
VIEW_CONTACTS
MESSAGE
VIEW_CONVERSATION
VIEW_EVENT_SCHEDULE
DOWNLOAD_SCHEDULE
VIEW_SIGNUP_SCHEDULE
SIGNUP_EVENT
LEAVE_EVENT
SEND_REQUEST
VIEW_MENU
INVALID
stringValue String
VipAttendeeMenuEnum(String)
fromString(String) VipAttendeeMenuEnum
values() VipAttendeeMenuEnum[]
valueOf(String) VipAttendeeMenuEnum

AttendeeMenuEnum
EXIT
LOGOUT
VIEW_ALL_ACCOUNTS
ADD_CONTACT
REMOVE_CONTACT
VIEW_CONTACTS
MESSAGE
VIEW_CONVERSATION
VIEW_EVENT_SCHEDULE
DOWNLOAD_SCHEDULE
VIEW_SIGNUP_SCHEDULE
SIGNUP_EVENT
LEAVE_EVENT
SEND_REQUEST
VIEW_MENU
INVALID
stringValue String
AttendeeMenuEnum(String)
fromString(String) AttendeeMenuEnum
values() AttendeeMenuEnum[]
valueOf(String) AttendeeMenuEnum

SpeakerMenuEnum
EXIT
LOGOUT
VIEW_ALL_ACCOUNTS
ADD_CONTACT
REMOVE_CONTACT
VIEW_CONTACTS
MESSAGE
MESSAGE_TALK_ATTENDEES
VIEW_CONVERSATION
VIEW_EVENT_SCHEDULE
VIEW_SPEAKER_SCHEDULE
DOWNLOAD_SCHEDULE
VIEW_MENU
INVALID
stringValue String
SpeakerMenuEnum(String)
fromString(String) SpeakerMenuEnum
values() SpeakerMenuEnum[]
valueOf(String) SpeakerMenuEnum

AccountTypeEnum
ATTENDEE
SPEAKER
ORGANIZER
VIP_ATTENDEE
INVALID
stringValue String
AccountTypeEnum(String)
fromString(String) AccountTypeEnum
values() AccountTypeEnum[]
valueOf(String) AccountTypeEnum

EventTypeEnum
GENERAL_EVENT
NETWORKING_EVENT
TALK
PANEL_DISCUSSION
INVALID
type String
EventTypeEnum(String)
fromString(String) EventTypeEnum
values() EventTypeEnum[]
valueOf(String) EventTypeEnum



