

cd: instant_messaging Package

instant_messaging

jabber_instant_messaging

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<< interface >>
MessagingService
+addLoginListener(l:LoginListener):void
+addContactListListener(ccl:ContactListListener):void
+deleteContact(jid:String):void
+setContactList(contactList:ContactList):void
+addContact(jid:String):void
+addGroup(groupName:String):void
+getContact(jid:String):Contact
+getContactList():ContactList
+login(username:String,password:String,server:String,newAccount:boolean):void
+addInstantMessageListener(iml:InstantMessageListener):void
+addContactStatusListener(csl:ContactStatusListener):void
+sendInstantMessage(msg:String,jid:String):void
+sendControlMessage(jid:String,type:int):void
+respondToSubscriptionInvitation(jid:String,accept:boolean):void
+getPossibleAvailabilities():String[]
+setMyAvailability(availability:String):void
+setMyStatus(status:String):void
+deleteGroup(groupName:String):void
+logout():void
```

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<< entity >>
ContactList
-groups:Vector <Group>
+getGroups():Vector <Group>
+setAlias(jid:String,alias:String):void
+updateStatus(jid:String,status:String,availability:String):void
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Group
-name:String
-contacts:Vector <Contact>
+getName():String
+getContacts():Vector <Contact>
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<< entity >>
Contact
-jabberID:String
-alias:String
-group:String
-status:String
-availability:String
+operation_1():void
+getJabberID():String
+setJabberID(_jabberID:String):void
+getAlias():String
+setAlias(_alias:String):void
+getGroup():String
+setGroup(_group:String):void
+getStatus():String
+setStatus(_status:String):void
+getAvailability():String
+setAvailability(_availability:String):void
```

```
<< interface >>
LoginListener
+loginSucceeded(e:LoginEvent):void
+loginFailed(e:LoginEvent):void
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<< boundary >>
LoginEvent
-error:LoginEventError
+getErrorType():LoginEventError
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<< interface >>
ContactListListener
+contactListReceived():void
+contactSubscriptionRequested(jid:String):void
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<< interface >>
ContactStatusListener
+contactStatusUpdated(jid:String):void
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<< interface >>
InstantMessageListener
+insantMessageReceived(jid:String,msg:String):void
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<< entity >>
JabberMessagingService
-connection:XMPPConnection
-loginListeners:LinkedList <LoginListener>
-contactListListeners:LinkedList <ContactListListener>
-contactStatusListeners:LinkedList <ContactStatusListener>
-profileListeners:LinkedList <ProfileListener>
-instantMessageListeners:LinkedList <InstantMessageListener>
-contactList:ContactList
+addLoginListener(l:LoginListener):void
+addContactListListener(ccl:ContactListListener):void
+addContactStatusListener(csl:ContactStatusListener):void
+addInstantMessageListener(iml:InstantMessageListener):void
+login(username:String,password:String,server:String,newAccount:boolean):void
+getContactList():ContactList
+getContact(jid:String):Contact
+addGroup(groupName:String):void
+addContact(jid:String):void
+deleteContact(jid:String):void
+deleteGroup(groupName:String):void
+setMyStatus(status:String):void
+setMyAvailability(availability:String):void
+getPossibleAvailabilities():String[]
+respondToSubscriptionInvitation(jid:String,accept:boolean):void
+sendInstantMessage(msg:String,jid:String):void
+sendControlMessage(jid:String,type:int):void
+sendLoginEvent(e:LoginEvent):void
+sendContactStatusEvent(jid:String):void
+sendInstantMessageEvent(jid:String,msg:String):void
+setContactList(contactList:ContactList):void
+logout():void
```

