ConferenceServer

defaultpathprefix[1]: String
conferences [1..*]: [Conference]

User

loginname[1]: String
password[1]: String
roles[1..*]: [Role]
profile[1]: Profile

Profile

paymentInfo[1]:
hasPaid[1]: Boolean
personalInfo[1]: PersonalInfo
preferences[1]: Preferences
expertise[1..*]: [String]

Role

Author OR Chair OR Reviewer OR Guru OR User

Author

user[1]: User
isMainAuthor[1]: Boolean
isSpeaker[1]: Boolean

Reviewer

user[1]: User
rating[1..*]: []

Conference

name[1]: String
pathprefix[1]: String
wwwalias[1]: String
topics[0..*]: [String]
organization[1]: String
users[1..*]: [User]
fora[0..*]: [Forum]
papers[0..*]: [Paper]

Preferences

stuff as needed

Paper

forum[1]: Forum
authors[1..*]: [Author]
reviewers[1..*]: [Reviewer]
filenameShort[1]: String
filenameLong[1]: String

Forum

name[1]: String
threads[0..*]: [Thread]

Thread

name[1]: String
user[1]: User
date[1]: String
postings[1..*]: [Posting]

Posting

poster[1]: User
date[1]: String
subject[1]: String
body[1]: String

---

[0]Note: we write `[a]` for any collection of `a`s, be it a list, set, vector, array, or whatever. That is an implementation detail.