ClassName – *class (blue)*

primaryKey – *primary key (underlined)*

[aliasName: ] ReferencedClass.attribute – *foreign key (yellow)*

Place(id, name, url)

Continent(id: Place.id)

Country(id: Place.id, isPartOf: Continent.id)

City(id: Place.id, isPartOf: Coutry.id)

Organisation(id, name, url)

University(id: Organisation.id, place: City.id)

Company(id: Organisation.id, place: Country.id)

Person(id, firstName, lastName, gender, birthday, creationDate, locationIP, browserUsed, place: City.id)

PersonEmail(person: Person.id, email)

PersonSpeaks(person: Person.id, language)

Tag(id, name, url)

TagClass(id, name, url)

Forum(id, title, creationDate, moderator: Person.id)

Post(id, imageFile, creationDate, locationIP, browserUsed, language, content, length, creator: Person.id, forum: Forum.id, place: Country.id)

Comment(id, creationDate, locationIP, browserUsed, content, length, creator: Person.id, place: Country.id, replyOfPost: Post.id, replyOfComment: Comment.id)

knows(personOne: Person.id, personTwo: Person.id, creationDate)

studyAt(person: Person.id, university: University.id, classYear)

workAt(person: Person.id, company: Company.id, workFrom)

likesComment(person: Person.id, comment: Comment.id, creationDate)

likesPost(person: Person.id, post: Post.id, creationDate)

hasMember(forum: Forum.id, person: Person.id, joinDate)

hasInterest(person: Person.id, tag: Tag.id)

forumHasTag(forum: Forum.id, tag: Tag.id)

hasType(tag: Tag.id, tagClass: TagClass.id)

isSubclassOf(tagClassOne: TagClass.id, tagClassTwo: TagClass.id)

postHasTag(post: Post.id, tag: Tag.id)

commentHasTag(comment: Comment.id, tag: Tag.id)