

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: **Country.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)