ActiveRecordRelationships

a Ruby on Rails cheat sheet guide by Amy Hoy

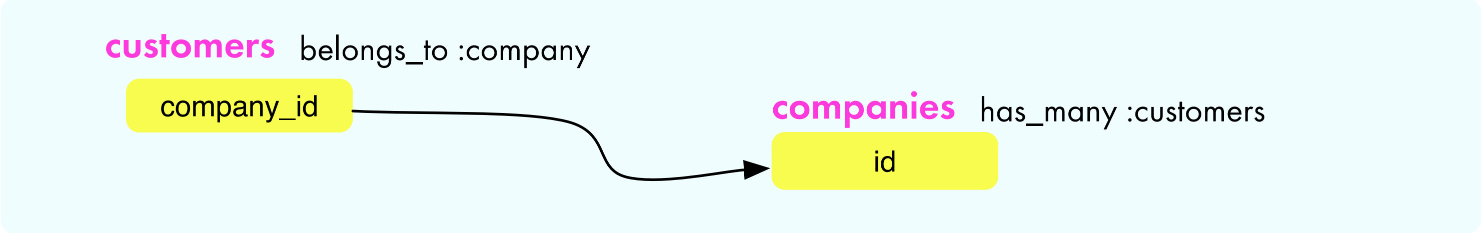
note: has_many and has_one work identically except for the number of relationships. both go on the table/model that does not feature the foreign key

belongs to

```
create table customers (
    id int auto_increment primary key,
    name varchar(75),
    company_id int
)
```

has many

```
create table companies (
    id int auto_increment primary key,
    name varchar(75)
)
```



customers belongs_to :company

company_id

companies has_many :customers

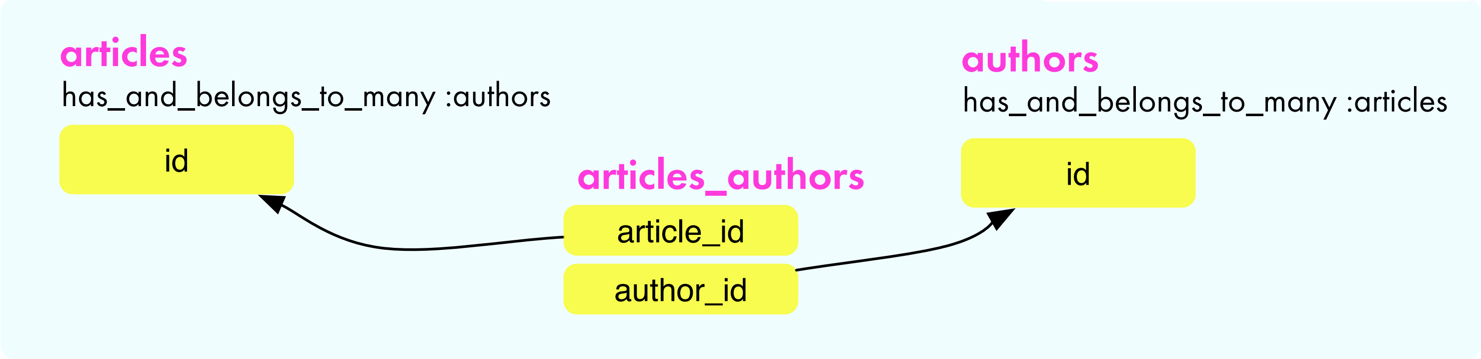
id

has and belongs to many

```
create table articles (
    id int auto_increment primary key,
    name varchar(75),
    body text
)
```

```
create table authors (
    id int auto_increment primary key,
    name varchar(75)
)
```

```
create table articles_authors (
    author_id int,
    article_id int
)
```



articles

has_and_belongs_to_many :authors

id

articles_authors

article_id

author_id

authors

has_and_belongs_to_many :articles

id

note: the articles_authors table is implicit due to the two models that call *habtm*, and it does not require a model of its own. when making implicit mapping tables such as this, it must be named tablea_tableb where a is first in alphabetical order.