



Questions?

Adding Likes

```
@pin.likes = 0
```

```
def like  
  @pin.likes += 1  
end
```

Adding Likes
(the better way)

has_many through:

physicians	
Model: Physician has_many :appointments has_many :patients, :through => :appointments	
id	integer
name	string

patients	
Model: Patient has_many :appointments has_many :physicians, :through => :appointments	
id	integer
name	string

appointments	
Model: Appointment belongs_to :physician belongs_to :patient	
id	integer
physician_id	integer
patient_id	integer
appointment_date	datetime



```

class Physician < ActiveRecord::Base
  has_many :appointments
  has_many :patients, :through => :appointments
end
  
```

Patient	
Model: Patient	
has_many :appointments	
has_many :physicians, :through => :appointments	
id	integer
name	string

appointment_date	datetime
------------------	----------

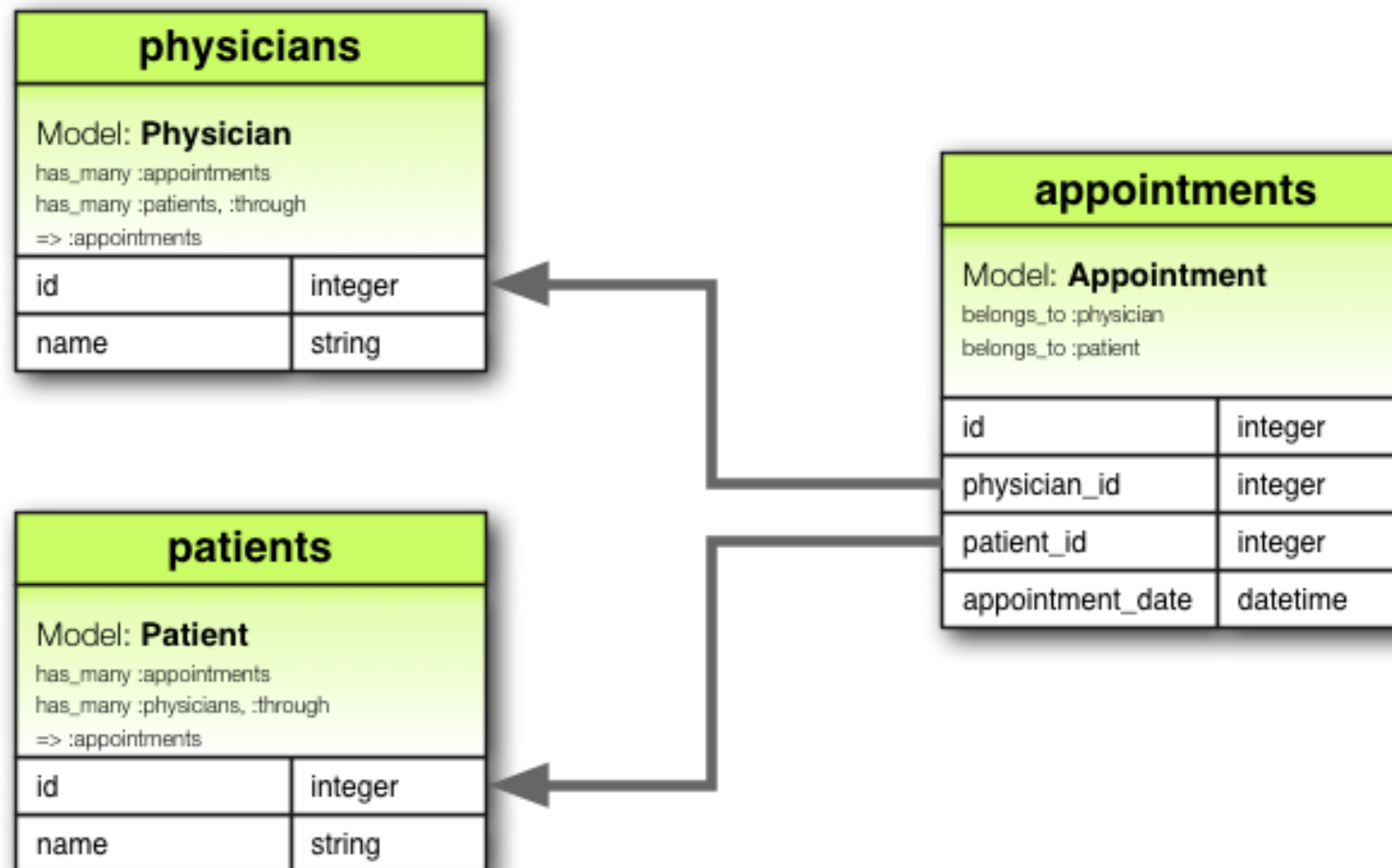
```

class Physician < ActiveRecord::Base
  has_many :appointments
  has_many :patients, :through => :appointments
end

class Appointment < ActiveRecord::Base
  belongs_to :physician
  belongs_to :patient
end

class Patient < ActiveRecord::Base
  has_many :appointments
  has_many :physicians, :through => :appointments
end

```



```
class Physician < ActiveRecord::Base
  has_many :appointments
  has_many :patients, :through => :appointments
end
```

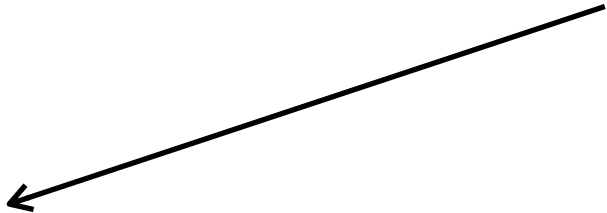
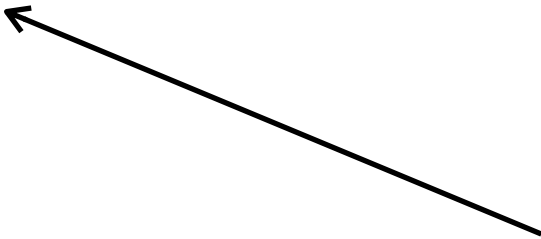
```
class Appointment < ActiveRecord::Base
  belongs_to :physician
  belongs_to :patient
end
```

```
class Patient < ActiveRecord::Base
  has_many :appointments
  has_many :physicians, :through => :appointments
end
```


pins

likes

users



```
class Pin < ActiveRecord::Base

  has_many :likes, dependent: :destroy
  has_many :liked_users, through: :likes, source: :user

end
```

```
class User < ActiveRecord::Base

  has_many :likes, dependent: :destroy
  has_many :liked_pins, through: :likes, source: :pin

end
```

```
class Like < ActiveRecord::Base

  belongs_to :user
  belongs_to :pin

end
```

Creating a like from scratch

```
@like = Like.new(user_id: 1, pin_id: 2)
```

Building a like from an existing pin

```
@pin = Pin.first
```

```
@like = @pin.likes.build(user_id: 1)
```

```
@like.save
```

Making a link

```
<%= link_to 'Like', like_pin_path(pin),  
           method: :post %>
```

Making it Unique

What would
happen here?

```
validates_uniqueness_of :pin_id
```

Scoping our validation

```
validates_uniqueness_of :pin_id, scope: :user_id
```