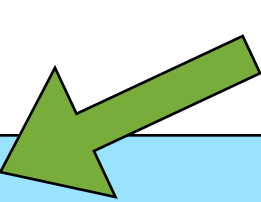


ActiveRecord Naming Conventions



Plural

plays		
id	integer	autoincrement
title	string	
summary	string	

app/models/play.rb



Singular

```
class Play < ActiveRecord::Base  
  
  has_many :actors  
  
end
```

ActiveRecord

One-to-Many

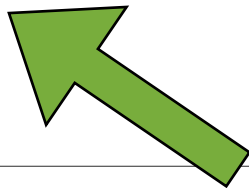
actors		
id	integer	autoincrement
first_name	string	
last_name	string	
play_id	integer	(foreign key)

app/models/actor.rb

```
class Actor < ActiveRecord::Base
```

```
  belongs_to :play
```

```
end
```



foreign key signal

Model-Based Selection Lists

foods

id	name	category_id
1	Apple	2
2	Banana	2
3	Mushroom	3

categories

id	name
1	Cookie
2	Fruit
3	Vegetable

```
@fruit = Food.new
@categories = Category.order("name asc")
```

```
select_tag("category_id",
  options_from_collection_for_select(@categories))
```

```
<select name="category_id">
  <option value="">Choose a category</option>
  <option value="1">Cookie</option>
  <option value="2">Fruit</option>
  <option value="3">Vegetable</option>
</select>
```

Associations

brands

id	name
1	Apple
2	Reebok

products

id	brand_id	name	price
1	1	iPod	129
2	2	Treadmill	99
3	2	Sneakers	49

reviews

id	user_id	product_id	rating	description
1	19	1	5	...
2	42	2	3	...
3	6	1	4	...

orders

id	name	date	total
1	Jeff Cohen	12/6/2011	228
2	Bob Smith	1/15/2012	49

order_items

id	order_id	product_id
1	1	1
2	1	2
3	2	3

Associations

```
class Brand < ActiveRecord::Base
  has_many :products
  has_many :reviews, :through => :products
end
```

```
class Product < ActiveRecord::Base
  belongs_to :brand
  has_many :reviews
end
```

```
class Review < ActiveRecord::Base
  belongs_to :product
end
```

```
class Order < ActiveRecord::Base
  has_many :order_items
  has_many :products, :through => :order_items
end
```

```
class OrderItem < ActiveRecord::Base
  belongs_to :order
  belongs_to :product
end
```