

Version 2.1

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Demographics?

Otherinbox

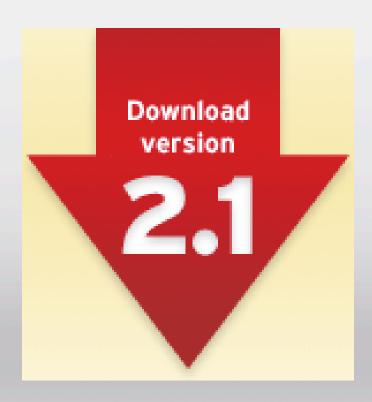
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Content?

Rails Version 2.1

- 6 months since version 2.0
- 1400 contributors
- 1600 patches
- Vibrant community



We'll cover...

- Better Timezone Support
- Dirty Tracking
- Better Caching Support
- UTC-based Migrations

Not Opinionated

(although generally positive)

- Previous functionality in Time Zone Gem and tzinfo plugin
- Handles Daylight Savings Time Automatically

```
# config/environment.rb
config.time_zone = 'Central Time (US & Canada)'
```

Times stored internally in UTC format

- Rake -T time
 - rake time:zones:all
 - rake time:zones:us
 - rake time:zones:local

```
$ rake time:zones:local

* UTC -06:00 *
Central America
Central Time (US & Canada)
Guadalajara
Mexico City
Monterrey
Saskatchewan
```

Allows for the tracking of changes to a specific attribute

```
article = Article.find(:first)
article.changed? #=> false

# Track changes to individual attributes with
# attr_name_changed? accessor
article.title #=> "Title"
article.title = "New Title"
article.title_changed? #=> true

# Access previous value with attr_name_was accessor
article.title_was #=> "Title"

# See both previous and current value with attr_name_change accessor
article.title_change #=> ["Title", "New Title"]
```

When using Rails setters methods only (i.e, not title.upcase)

article.title_will_change to get around

Also Provides Partial Updates

ActiveRecord::Base.partial_updates = true

Better Caching

Better Caching

- Built-in support for memcached
- Version 1.5.0 is bundled with Rails so no need to install separate Gem

Better Caching

UTC-Based Migrations

UTC-Based Migrations

Really targeted at teams will larger number of developers

001_create_users.rb

VS.

20080402122512_create_users_one.rb (avoids collisions - based on timestamp)

New table: schema_migrations (lists migrations that have been run)

