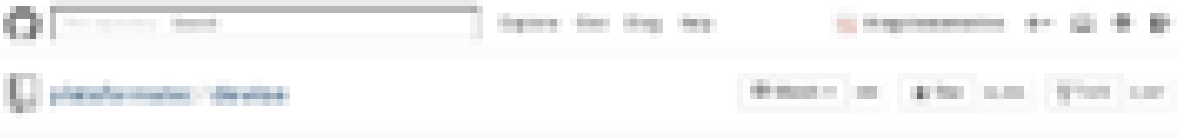
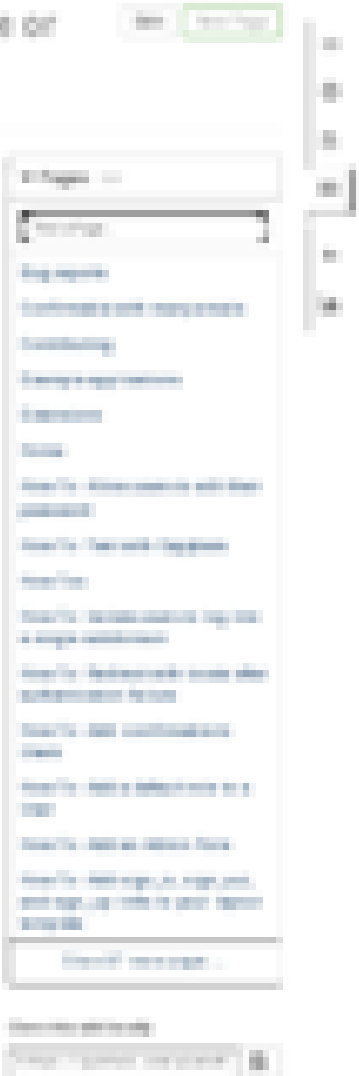


How To: Allow users to sign in using their username or email address



Allow users to Sign in using their username or email address

For this example we will assume your model is called User.

Create a username field in the `USERS` table

Create a migration:

```
rails g migration add_username_to_users username:string:uniq
```

Run the migration:

```
rake db:migrate
```

Rails 3:

Modify the User model and add a username, email, password, password confirmation and remember me to attr_accessible:

```
attr_accessible :username, :email, :password, :password_confirmation, :remem
```

Rails 4:

Modify application_controller.rb and add a username, email, password, password confirmation and remember me to configure_permitted_parameters:

```
class ApplicationController < ActionController::Base
  before_action :configure_permitted_parameters, if: :devise_controller?

  protected

  def configure_permitted_parameters
    devise_parameter_sanitizer.for(:sign_up) { |u| u.permit(:username, :email,
    devise_parameter_sanitizer.for(:sign_in) { |u| u.permit(:login, :username,
    devise_parameter_sanitizer.for(:account_update) { |u| u.permit(:username,
  end
end
```

```
rake db:rollback
```

Create a login virtual attribute in the `USER` model

Add login as an attr_accessor:

```
# Virtual attribute for authenticating by either username or email
# This is in addition to a real persisted field like 'username'
attr_accessor :login
```

Rails 3: Also add login to attr_accessible: