

**NAME**

Mojolicious::Plugin::Bcrypt – bcrypt your passwords!

**VERSION**

Version 0.04

**SYNOPSIS**

Provides a helper for crypting and validating passwords via bcrypt.

```
use Mojolicious::Plugin::Bcrypt;

sub startup {
    my $self = shift;
    $self->plugin('bcrypt', { cost => 4 });
}

...
```

Optional parameter `cost` is a non-negative integer controlling the cost of the hash function. The number of operations is proportional to  $2^{\text{cost}}$ . The current default value is 6.

**HELPERS****bcrypt**

Crypts a password via the bcrypt algorithm.

```
$self->bcrypt( $password, $settings );

$settings is an optional string which encodes the algorithm parameters, as described in
Crypt::Eksblowfish::Bcrypt.

sub signup {
    my $self = shift;
    my $encrypted_pass = $self->bcrypt( $self->param('password') );
    ...
}
```

**bcrypt\_validate**

Validates a password against a cryptedy copy (for example from your database).

```
sub login {
    my $self = shift;
    my $entered_pass = $self->param('password');
    my $encrypted_pass = $self->get_password_from_db();
    if ( $self->bcrypt_validate( $entered_pass, $encrypted_pass ) ) {

        # Authenticated
        ...
    }
    else {

        # Wrong password
        ...
    }
}
```

**DEVELOPMENT AND REPOSITORY**

Clone it on GitHub at [https://github.com/naturalist/Mojolicous---Plugin--Bcrypt](https://github.com/naturalist/Mojolicious---Plugin--Bcrypt)

**SEE ALSO**

`Crypt::Eksblowfish::Bcrypt`, `Mojolicious`, `Mojolicious::Plugin`

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