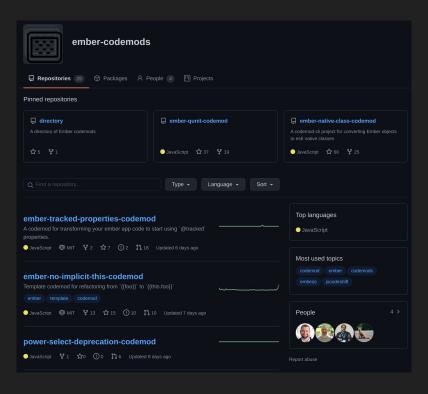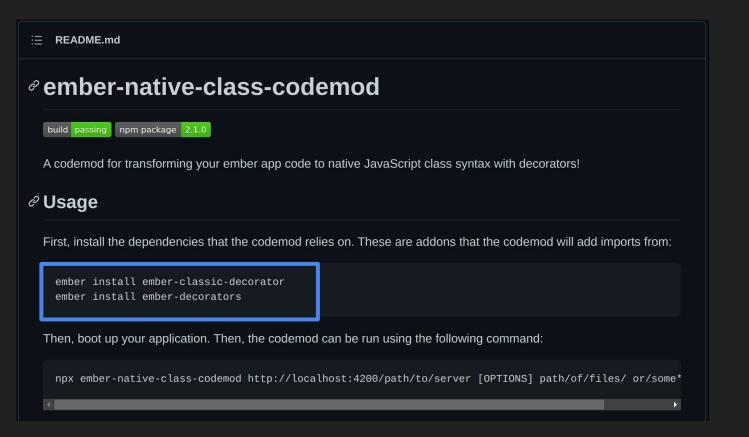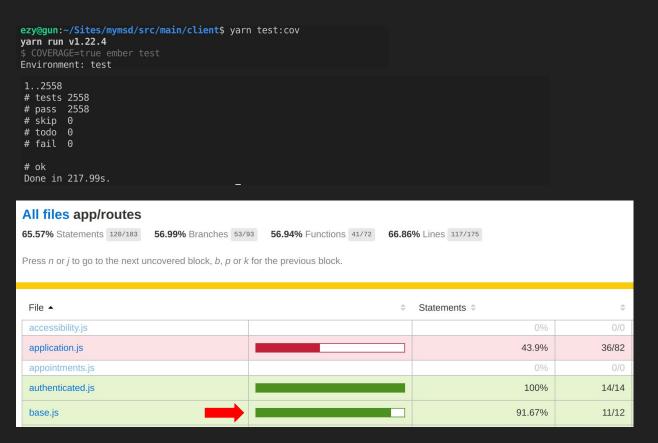# Ember code-mods

Automation for code refactoring

- https://github.com/ember-codemods
- Ember native class codemod ✓
- Ember angle bracket mod ✓
- There's tonnes

ember-codemods/ember-native-class-codemod

≡ **README.md**

🔗 ember-native-class-codemod

![build passing](https://img.shields.io/badge/build-passing-brightgreen) ![npm package 2.1.0](https://img.shields.io/badge/npm%20package-2.1.0-brightgreen)

A codemod for transforming your ember app code to native JavaScript class syntax with decorators!

🔗 Usage

First, install the dependencies that the codemod relies on. These are addons that the codemod will add imports from:

```
ember install ember-classic-decorator
ember install ember-decorators
```

Then, boot up your application. Then, the codemod can be run using the following command:

```
npx ember-native-class-codemod http://localhost:4200/path/to/server [OPTIONS] path/of/files/ or/some*
```

Make sure test coverage is sufficient

```
ezy@gun:~/Sites/mymsd/src/main/client$ yarn test:cov
yarn run v1.22.4
$ COVERAGE=true ember test
Environment: test

1..2558
# tests 2558
# pass  2558
# skip  0
# todo  0
# fail  0

# ok
Done in 217.99s.
```

All files app/routes

65.57% Statements `120/183`   **56.99%** Branches `53/93`   **56.94%** Functions `41/72`   **66.86%** Lines `117/175`

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File ▲		Statements ⇕	
accessibility.js		0%	0/0
application.js		43.9%	36/82
appointments.js		0%	0/0
authenticated.js		100%	14/14
base.js		91.67%	11/12

src/main/client/app/routes/base.js

```javascript
      Michael, a month ago | 4 authors (Adam Buczynski and others)
 1    /* eslint-disable ember/no-controller-access-in-routes */
 2    import Route from '@ember/routing/route';
 3    import ProcessError from 'my-msd/mixins/process-error';
 4
 5    export default Route.extend(ProcessError, {
 6      fallBackRoute: 'authenticated.index',
 7
 8      activate() {
 9        this._super();
10        this.send('scrollToTop');
11      },
12
13      actions: {
14        error(error) {
15          this.processError(error, this.fallBackRoute);
16        },
17
18        willTransition() {
19          if (this.controller.onExit && typeof this.controller.onExit === 'function') {
20            this.controller.onExit();
21          }
22          return true;
23        },
24
25        didTransition() {
26          if (typeof this.controller.clearError === 'function') {
27            this.controller.clearError();
28          }
29
30          if (typeof this.controller.onEnter === 'function') {
31            this.controller.onEnter();
32          }
33          return true;
34        },
35      },
36    });
37
```

Run the code-mod

```
kitchen@kitchens-MacBook-Pro mymsd % cd src/main/client
kitchen@kitchens-MacBook-Pro client % npx ember-native-class-codemod http://localhost:4200 '/Users/kitchen/Sites/mymsd/src/main/client/app/routes/base
.js'
Downloading Chromium r818858 - 132.4 Mb [===================] 100% 0.0s
Downloading Chromium r686378 - 110.2 Mb [===================] 100% 0.0s
error evaluating `ember-cli-mirage/db-collection`: Cannot set property default of #<Object> which has only a getter
error evaluating `my-msd/components/modals/about-letters`: Could not find module `letters/components/modals/about-letters` imported from `my-msd/compo
nents/modals/about-letters`
error evaluating `my-msd/components/modals/already-applied`: Could not find module `housing/components/modals/already-applied` imported from `my-msd/c
omponents/modals/already-applied`
error evaluating `my-msd/components/modals/callback-confirmation`: Could not find module `housing/components/modals/callback-confirmation` imported fr
om `my-msd/components/modals/callback-confirmation`
error evaluating `my-msd/components/modals/check-phone-number`: Could not find module `housing/components/modals/check-phone-number` imported from `my
-msd/components/modals/check-phone-number`
error evaluating `my-msd/components/modals/debt/debt-component`: Could not find module `debt/components/modals/debt/debt-component` imported from `my-
msd/components/modals/debt/debt-component`
error evaluating `my-msd/components/modals/dependent-children`: Could not find module `housing/components/modals/dependent-children` imported from `my
-msd/components/modals/dependent-children`
error evaluating `my-msd/components/modals/letters-notification-info`: Could not find module `letters/components/modals/letters-notification-info` imp
orted from `my-msd/components/modals/letters-notification-info`
error evaluating `my-msd/helpers/format-date-night`: Could not find module `housing/helpers/format-date-night` imported from `my-msd/helpers/format-da
te-night`
error evaluating `my-msd/routes/appointments`: Could not find module `@ember/route` imported from `my-msd/routes/appointments`
error evaluating `my-msd/routes/info-youth`: Could not find module `housing/routes/info-youth` imported from `my-msd/routes/info-youth`
Processing 1 files...
Spawning 1 workers...
Sending 1 files to free worker...
All done.
Results:
0 errors
0 unmodified
0 skipped
1 ok
Time elapsed: 6.655seconds
kitchen@kitchens-MacBook-Pro client %
```

Profit

```
1  import classic from 'ember-classic-decorator';
2  import { action } from '@ember/object';
3  /* eslint-disable ember/no-controller-access-in-routes */
4  import Route from '@ember/routing/route';
5  import ProcessError from 'my-msd/mixins/process-error';
6
7  @classic
8  export default class BaseRoute extends Route.extend(ProcessError) {
9    fallBackRoute = 'authenticated.index';
10
11   activate() {
12     super.activate();
13     this.send('scrollToTop');
14   }
15
16   @action
17   error(error) {
18     this.processError(error, this.fallBackRoute);
19   }
20
21   @action
22   willTransition() {
23     if (this.controller.onExit && typeof this.controller.onExit === 'function') {
24       this.controller.onExit();
25     }
26     return true;
27   }
28
29   @action
30   didTransition() {
31     if (typeof this.controller.clearError === 'function') {
32       this.controller.clearError();
33     }
34
35     if (typeof this.controller.onEnter === 'function') {
36       this.controller.onEnter();
37     }
38     return true;
39   }
40 }
41
```

The codemod accepts the following options:

Option	Value	Default	Details
--class-fields	boolean	true	Enable/disable transformation using class fields
--decorators	boolean	true	Enable/disable transformation using decorators
--classic-decorator	boolean	true	Enable/disable adding the @classic decorator, which helps with transitioning Ember Octane
--type	String	Empty (match all types in path)	Apply transformation to only passed type. The type can be one of services, routes, components, controllers
--quote	String	'single'	Whether to use double or single quotes by default for new statements that are added during the codemod.

Run your tests and submit your merge request