



Danger System Implementation

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Implement Danger System Nimble Rails Template and In Braive

Making code review easier for Braive and as well as
future RoR projects those will be created by Nimble
Rails template

What is Danger?

- Danger is a tool that helps automate common code review chores
- It allows you to set a handful of specified guidelines that every pull request has to follow before getting approved.
- Danger is a powerful tool so you can even create your own custom rules, using the Ruby scripting language

What is Danger?

app/javascript/packs/application.js

```
...    @@ -5,3 +5,5 @@ import '../assets/javascripts/screens/';
```

```
5      5
```

```
6      6      import '../../../../../engines/braive_notification/app/assets/javascripts/braive_notification/'
```

```
7      7      import '../../../../../engines/braive_gamification/app/assets/javascripts/braive_gamification/'
```

```
8      8      +
```

```
9      9      + let unused_var = "test";
```



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Strings must use singlequote.



- Setup Danger in Nimble Rails Template
replacing Pronto
 - Setup Danger in Braive

The Reason

- Pronto was selected because of Bitbucket support.
- Support broke last year.
- We migrated to github.
- Better option is Danger that is more powerful and more customizable

The Reason

```
1  # Warn when there is a big PR
2  if git.lines_of_code > 500
3      warn("Big PR")
4  end
5
6  # Mainly to encourage writing up some reasoning about the PR, rather than
7  # just leaving a title
8  if github.pr_body.length < 5
9      fail "Please provide a summary in the Pull Request description"
10 end
```

Remove Pronto References

- .gitignore.rb
- .pronto.yml.tt
- .semaphore.yml
- .template/spec/base/template_spec.rb
- .template/spec/variants/web/gemfile_spec.rb
- .template/spec/variants/web/template_spec.rb
- .template/variants/web/.pronto_eslint_npm.yml
- .template/variants/web/Gemfile.rb
- .template/variants/web/template.rb
- Gemfile.tt
- README.md.tt
- template.rb



```
gem 'danger' # Automated code review.  
gem 'danger-eslint' # ESLint  
gem 'danger-rubocop' # A Danger plugin for Rubocop.  
gem 'danger-rails_best_practices' # Analyze code regarding best practices.  
gem 'danger-reek' # Detect code smell.  
gem 'danger-brakeman_scanner' # Security static analysis scanner in danger.  
gem 'danger-suggester' # Suggest code changes based on configured code formatter.
```

The Dangerfile

```
# Runs rails_best_practices on modified and added files in the PR
rails_best_practices.lint
```

```
# Runs Rubocop and submit comments on modified and added files
rubocop.lint(inline_comment: true, force_exclusion: true)
```

```
# Runs Brakeman on modified and added files
brakeman.run
```

```
# Runs Reek on modified and added files
reek.lint
```

```
# Suggests code changes in the PR
suggester.suggest
```

```
# Runs ESLint on modified and added files in the PR
eslint.lint
```

The Danger Bot



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Strings must use singleq

- There must be a bot account that can comment on behalf of Danger
- Bot accounts are just regular accounts
- Need to generate a PAT (Personal Access Token)
- Add the PAT as secret environmental variable

Project specific Environment Variables

[+ Add](#)

DANGER_GITHUB_API_TOKEN : encrypted, MD5: ef3c5ce30f82e2a3797dbc290ff2a527

[Delete](#)

Braive Implementation

app/javascript/packs/application.js

```
...    @@ -5,3 +5,5 @@ import '../assets/javascripts/screens/';
```

```
5      5
```

```
6      6      import '../../../../../engines/braive_notification/app/assets/javascripts/braive_notification/'
```

```
7      7      import '../../../../../engines/braive_gamification/app/assets/javascripts/braive_gamification/'
```

```
8
```

```
+
```

```
9
```

```
+ let unused_var = "test";
```



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...



Strings must use singlequote.

Braive Implementation



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	1 Warning
	PR is classed as Work in Progress

Generated by Danger

```
22 +         .authentication-nav__label
23 +         = (type == :login) ? t('shared.dont_have_an_account') : t('shared.already_have_an_account')
```



team-nimblehq 3 minutes ago



Style/TernaryParentheses: Omit parentheses for ternary conditions.

Danger makes code review process easier



Let the bot do some work.

Thanks!

Contact Nimble

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