

# CODE REVIEW

## WHAT IS IT?

## What is a code review?

- systematic examination (often known as peer review) of computer source code

## WHY DO IT?

- intended to find and fix mistakes overlooked in the initial development phase

## WHAT TO CHECK

- done in various forms such as pair programming, informal walkthroughs, and formal inspections

## EXERCISE

Source: [http://en.wikipedia.org/wiki/Code\\_review](http://en.wikipedia.org/wiki/Code_review)

# CODE REVIEW

WHAT IS IT?

Why do code reviews?

WHY DO IT?

Because it improves both the overall quality of software and the developers' skills!

WHAT TO CHECK

EXERCISE

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WHY DO IT?

WHAT TO CHECK

EXERCISE

## What to check?

(Whiteboard discussion time!)

See also:

ruby style guidelines (<https://github.com/bbatsov/ruby-style-guide/blob/master/README.md>)

And:

[http://en.wikipedia.org/wiki/Code\\_smell](http://en.wikipedia.org/wiki/Code_smell)



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EXERCISE

Today:

- Walk two peers through your code, reviewing it for the code smells we discussed
- **Be nice!** This isn't for criticism, it is for improvement!
- Each reviewer should produce a list of changes

Tomorrow:

- Refactor your code for cal based on your code reviews