Code review

Starting point of a conversation

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Passionate about the web

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Frontend monolyth
Spring Java micro service backend

Trunk based development

2 production releases weekly
Organisation

- **iam art**
  - Team

- **customer care art**
  - mobile
  - internet
  - Team
  - tv
  - telephony
  - support

- **billing art**
  - Team

- **order art**
  - Team
  - Team
Mindset & culture

- non-judgemental attitude
- openly discuss different solutions
- deal with positive and critical feedback
- We respect people’s time and try not to waste theirs unnecessarily
Where?

- Design decisions
- Pull request
- Alternative to retrospectives
When? Can I merge

- Green build
- 2 code reviewers and approvals
- No merge conflicts
- No open tasks
Green build

Building & Testing
- Compiling code
- Unit testing / Jest
- E2E testing / Cypress

Static code analysis
- Linting
- Sonar
- Snyk integrated in Bitbucket

Green build

Formatting
- Opinionated formatting
- Prettier

Accessibility
- Automated E2E tests that check if the site is accessible
Who?

Everyone

Within 24 hours (SLA)

Max 3 reviewers

1 reviewer in my Team

1 reviewer outside my team

Manual assignment
Who? Challenges

Who is the correct person to review my code?
Wikipage with Techleads and their domain.
Default reviewers

Always assigned to the same bunch of people
Have your own rotation list
Ask if the person has time today

Too many people on the PR
Limit users on PR
User other channels to communicate about changes
How? Segmentation of comments

- **Tasks**: Needs to be changed

- **Comment**: Opinion
How? Limitation of text comments

- Amount of comments
- Comment ping pong
- Tone of comments
How? Document design decisions

- Not always start the same discussion over and over again

- Architecture Decision Record
  https://github.com/joelparkerhenderson/architecture-decision-record
Speed up the process

- Review of your own code
- Anounce your pull-request
- Support with additional information
- Face to face review
- Smaller code changes
- Automation
Questions and answers