









Me code pretty one day

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@aelst



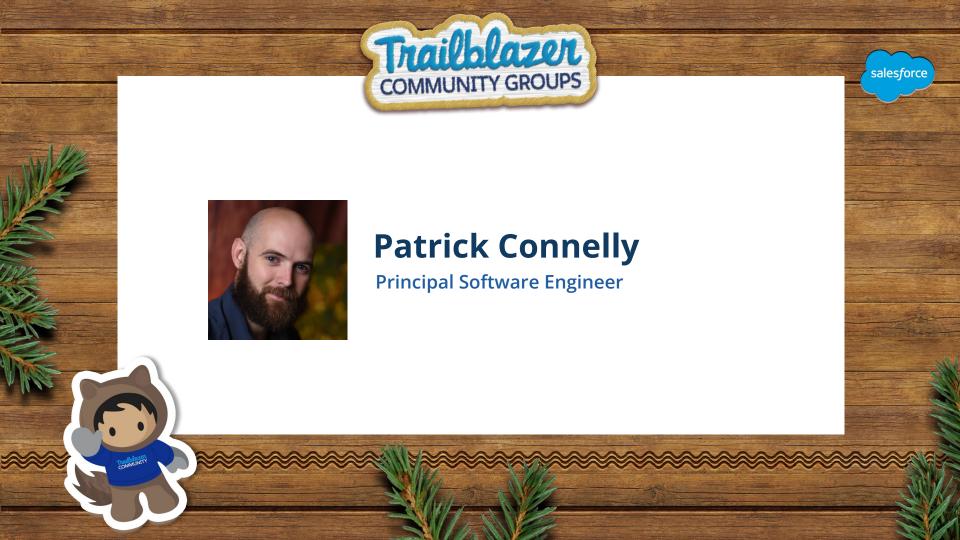














#### What is a Code Review for?

A code review is a way to look over code and ensure that it is written in a consistent way and to help reduce issues.



## **Getting started**

- Set clear goals and expectations
- Include everyone in the process
- Be positive



#### **Code review checklist**

- Readability
- Security
- Test Coverage
- Architecture
- Reusability





# Readability

- Consistency
  - Variable / method naming norms
- Legibility
- Misspellings and typos



## **Security**

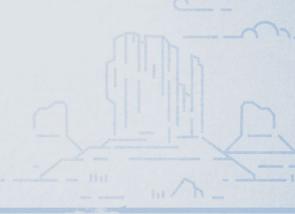
- Possible exploits
- Privacy / sharing issues
- Compliance issues (HIPPA, PCI, etc)
- Availability issues



## **Test Coverage**

- Tests actually test things
- The right types of tests





#### **Architecture**

- Best practices
  - Class / trigger design
  - SOQL query optimization

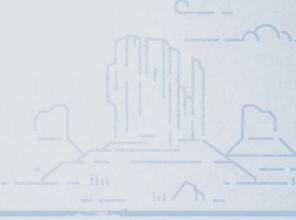


## Reusability



Remove / reduce duplicate code





#### What is a Code Review NOT for?

A code review is a not a time to review formatting, that should be done before the code is sent for review



## Who should participate?





# **Code Quality**

- Consistency
- Enforcement of best practices
- Real-time feedback





# **Tooling**

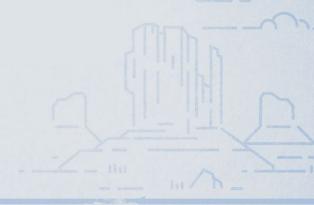
- PMD
- SonarQube
- ESLint
- StyleLint



#### **PMD**

Real-time local static analysis based on rulesets for best practices and custom.





### SonarQube

A hosted extension of PMD with extra features like storing code coverage and test runtime



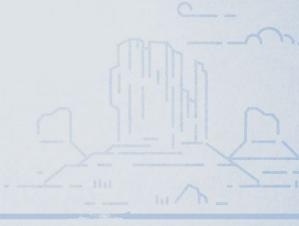


## **ESLint / Stylelint**

Static analysis tools for Javascript and CSS













# Thank





Let's succeed together!