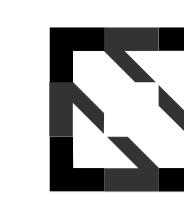


KubeCon

CloudNativeCon  
North America 2025

# The Hand-off Pipeline

## Using Pull Requests to Manage Integration Points

IBM

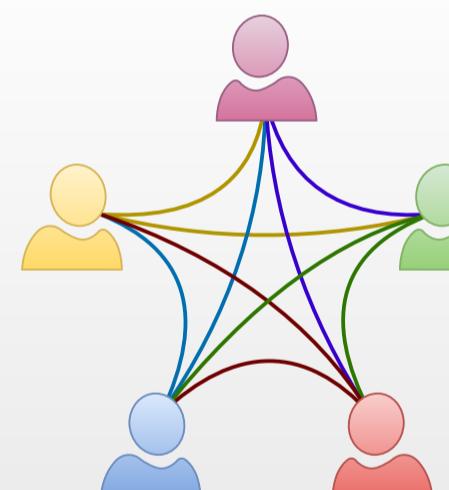
Socheat Sou  
Prajakta Kashalkar

### Integration Friction



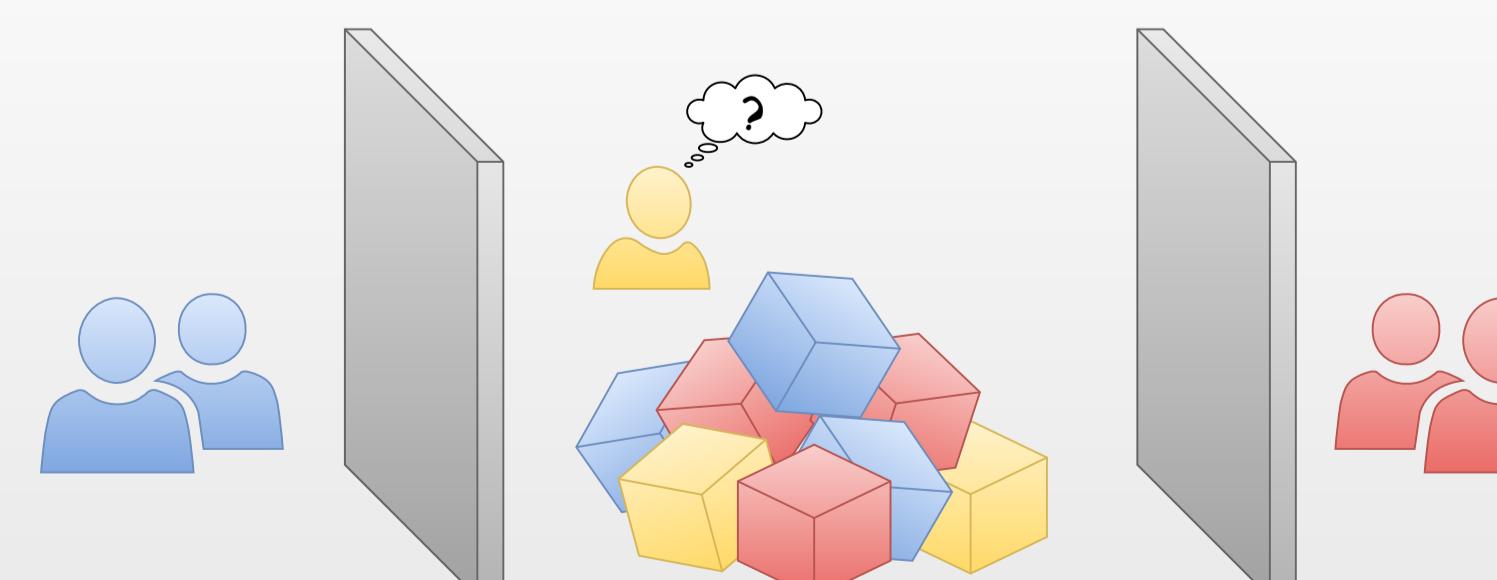
Multiple product teams collaborate and integrate to provide solutions to customers

Each team has separate code bases, release schedules, and work culture



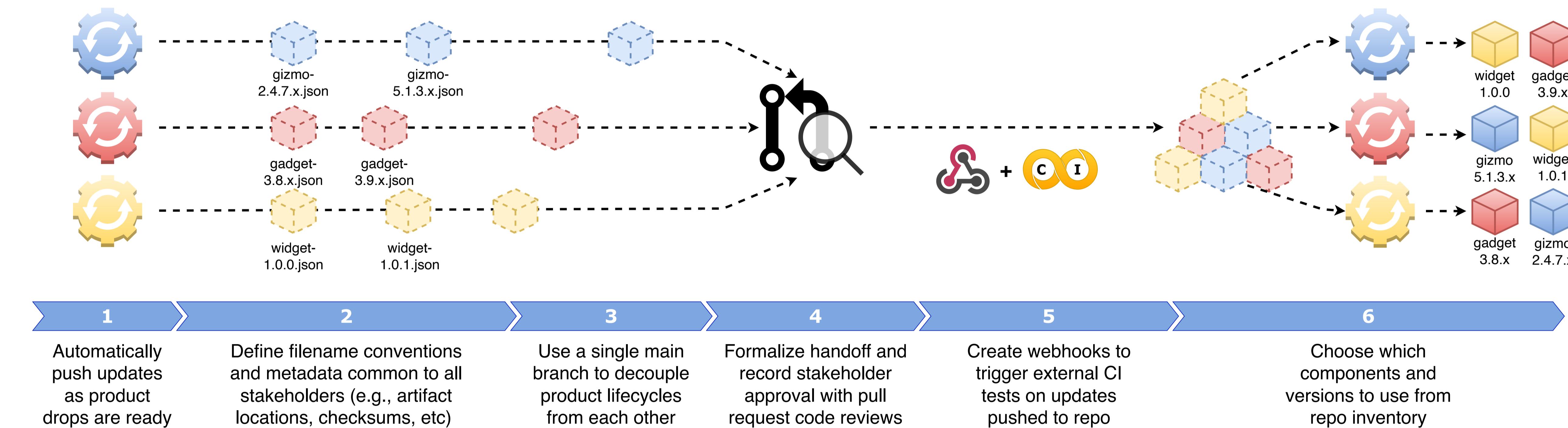
Manual coordination adds communication complexity as integration needs increase

Complexity creates fatigue which increases siloing and decreases transparency, generating integration friction



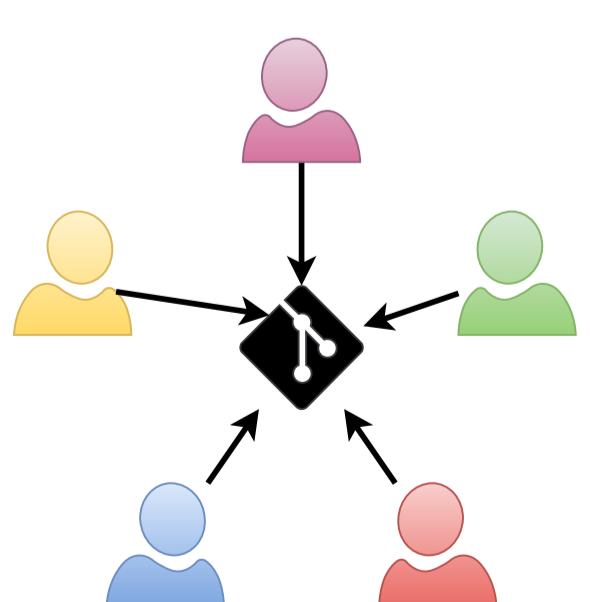
### Integration Repository

A well-designed integration repository enables individual product lifecycle autonomy, adds cross-team transparency, provides a centralized source of truth, and streamlines the delivery process.



### Process Outcomes

- Shared source of truth
- Faster integrations of new products
- Independent and collaborative release cycles
- Team autonomy with increased cross-product visibility
- Well-defined division of responsibilities, ownership and hand-off
- Centralized and standardized communication among product teams



### Technical Outcomes

- **Codeowners:** Allows relevant stakeholders to be notified of updates
- **PR reviews:** Documents and encourages conversations around updates
- **Git tags:** Provides point in time snapshots of product states
- **Git history:** Expands ability to trace regressions across product teams
- **Webhooks:** Enables teams to automate product drops through their CI/CD