



The diagram shows six stacks of code, each represented by a stack of white pages with a small bar chart on top. The stacks are arranged in a circular pattern. Colored lines connect the stacks: a blue line connects the top-left stack to the middle-left stack; a red line connects the top-left stack to the top-right stack; a red line connects the top-right stack to the middle-right stack; a yellow line connects the middle-right stack to the bottom-right stack; a yellow line connects the bottom-right stack to the bottom-left stack; and a blue line connects the bottom-left stack to the middle-left stack. The text 'Feature toggle' is centered over the diagram.

Feature toggle

IDEAL

MASTER

UAT

DEV

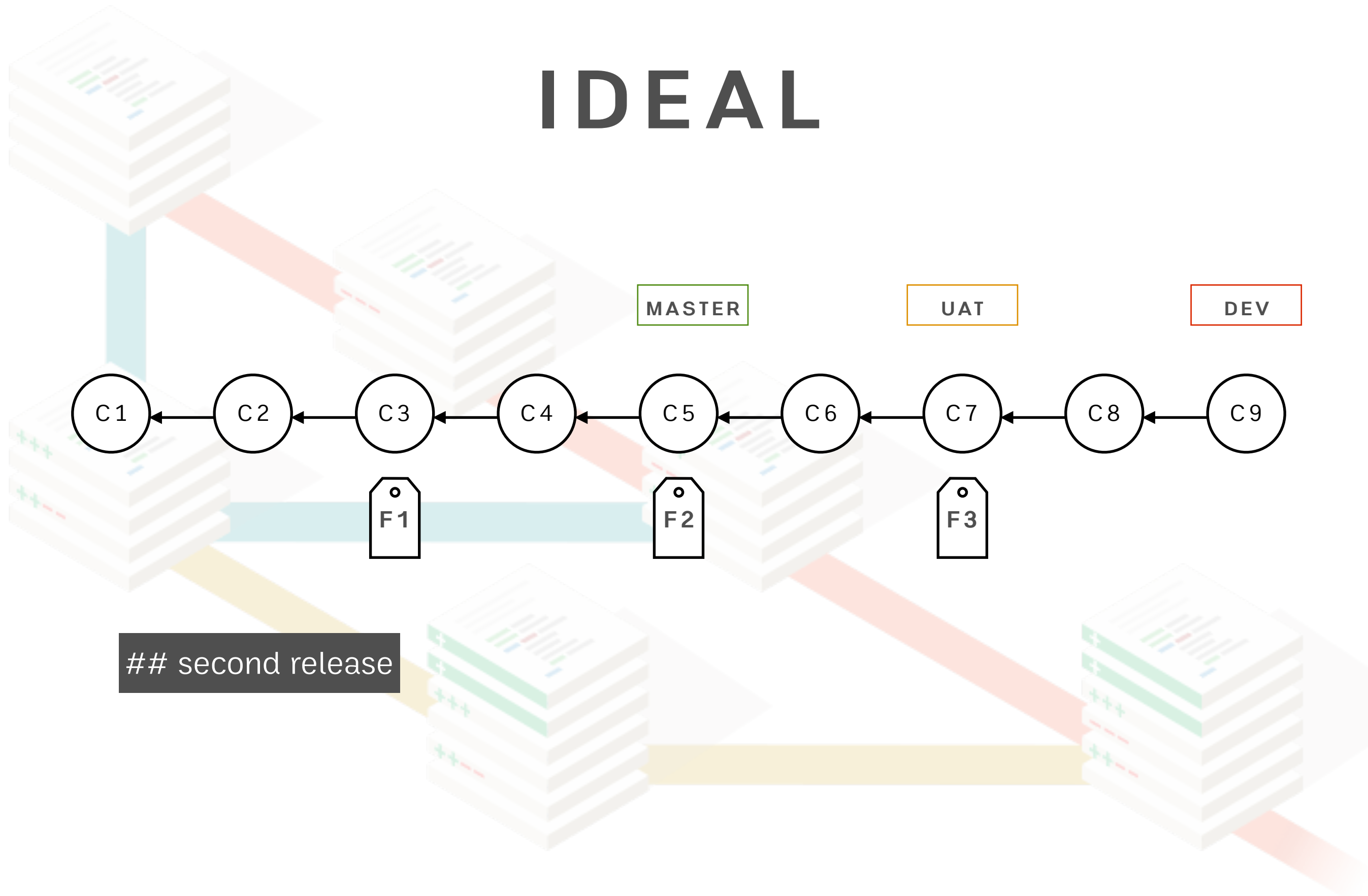
C1 ← C2 ← C3 ← C4 ← C5 ← C6 ← C7

F1

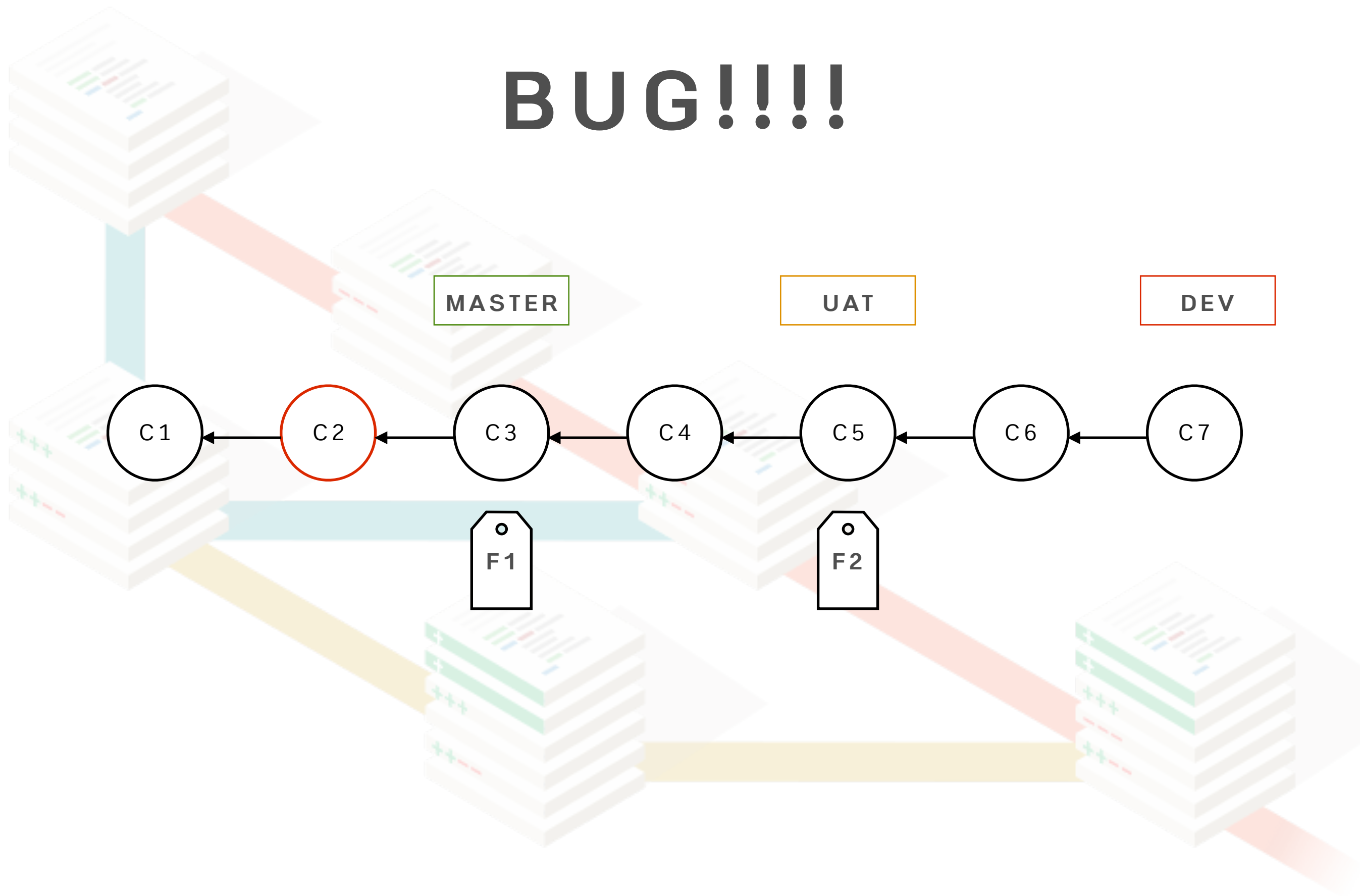
F2

first release

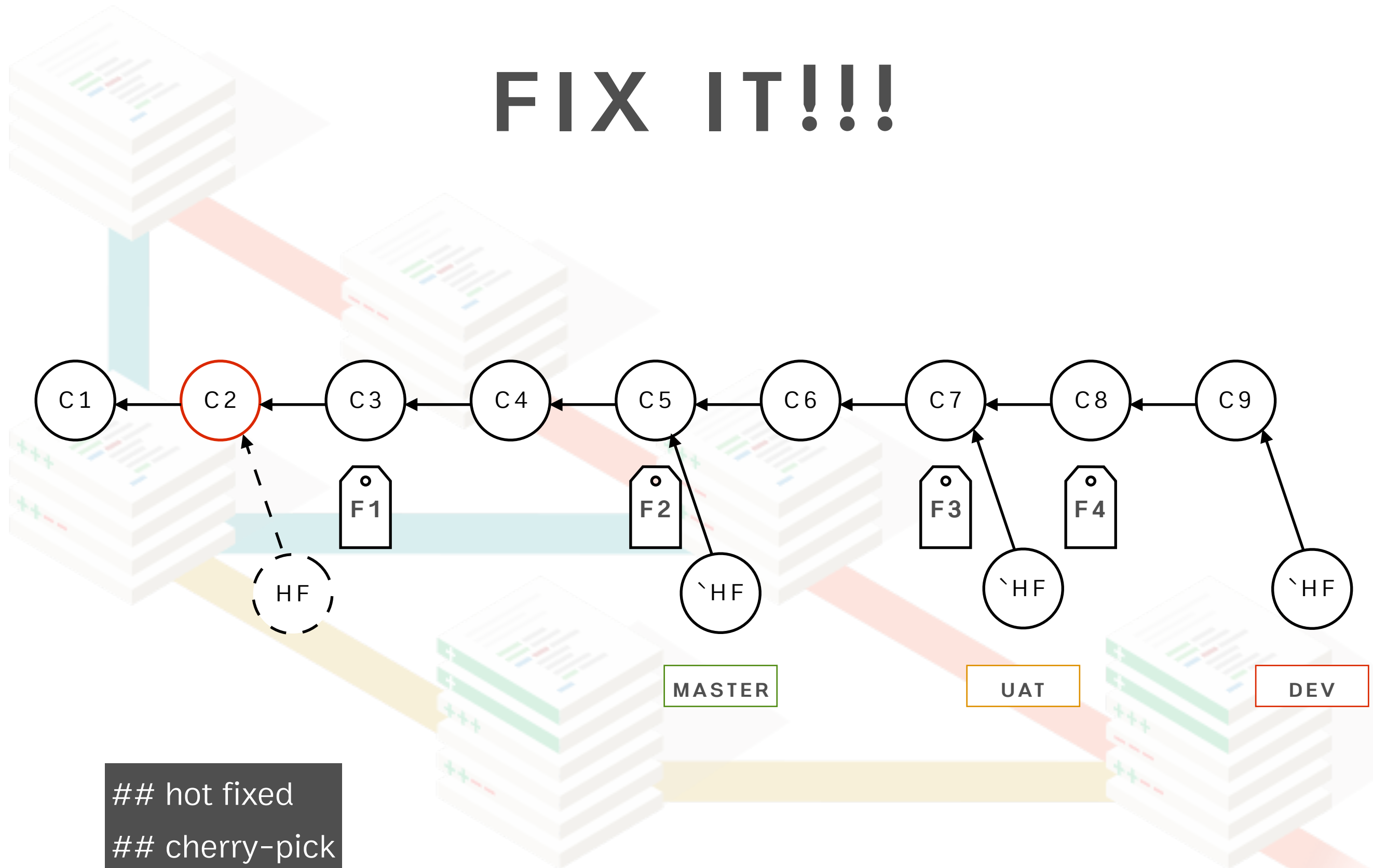
IDEAL



BUG!!!!

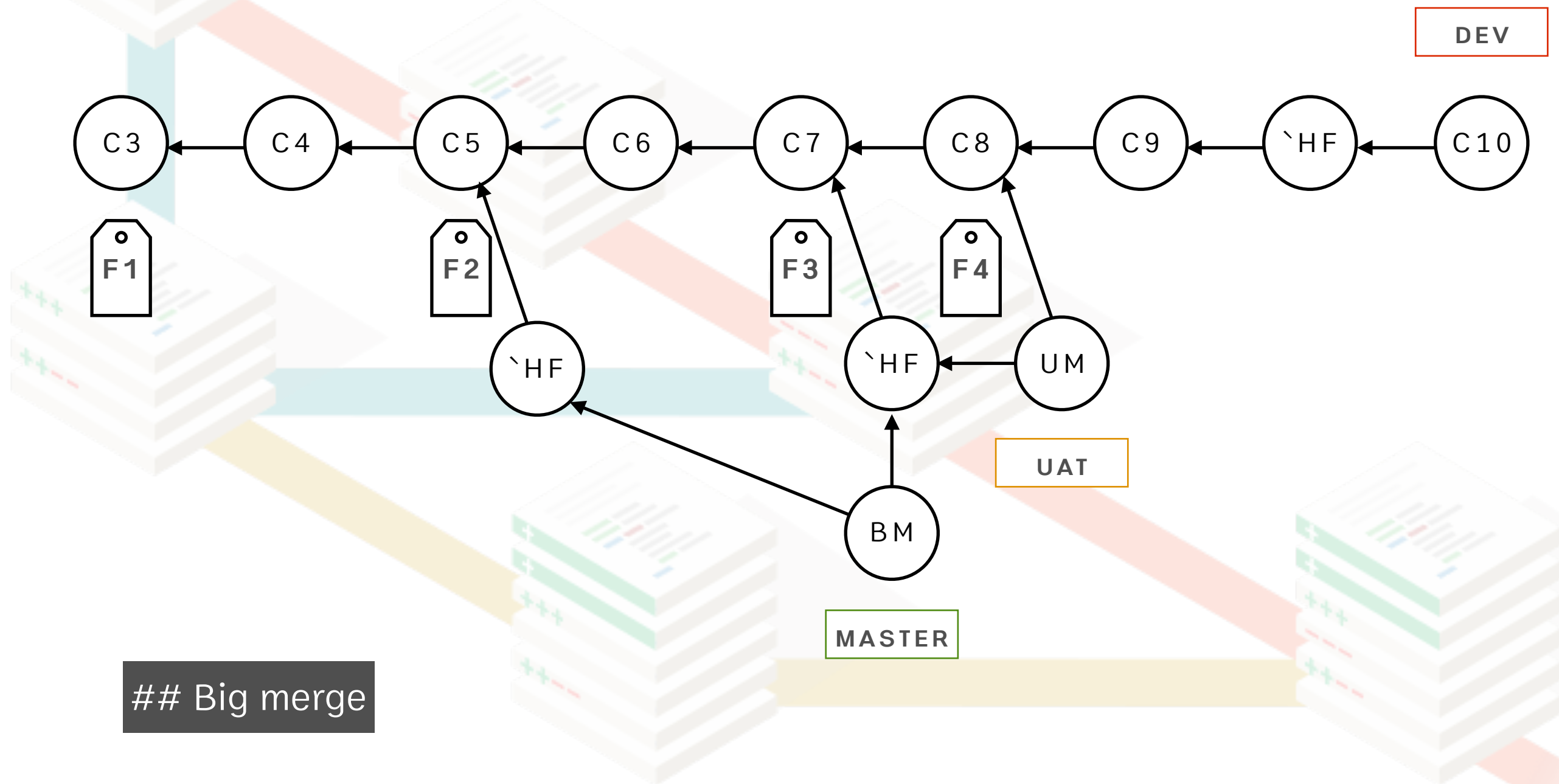


FIX IT!!!

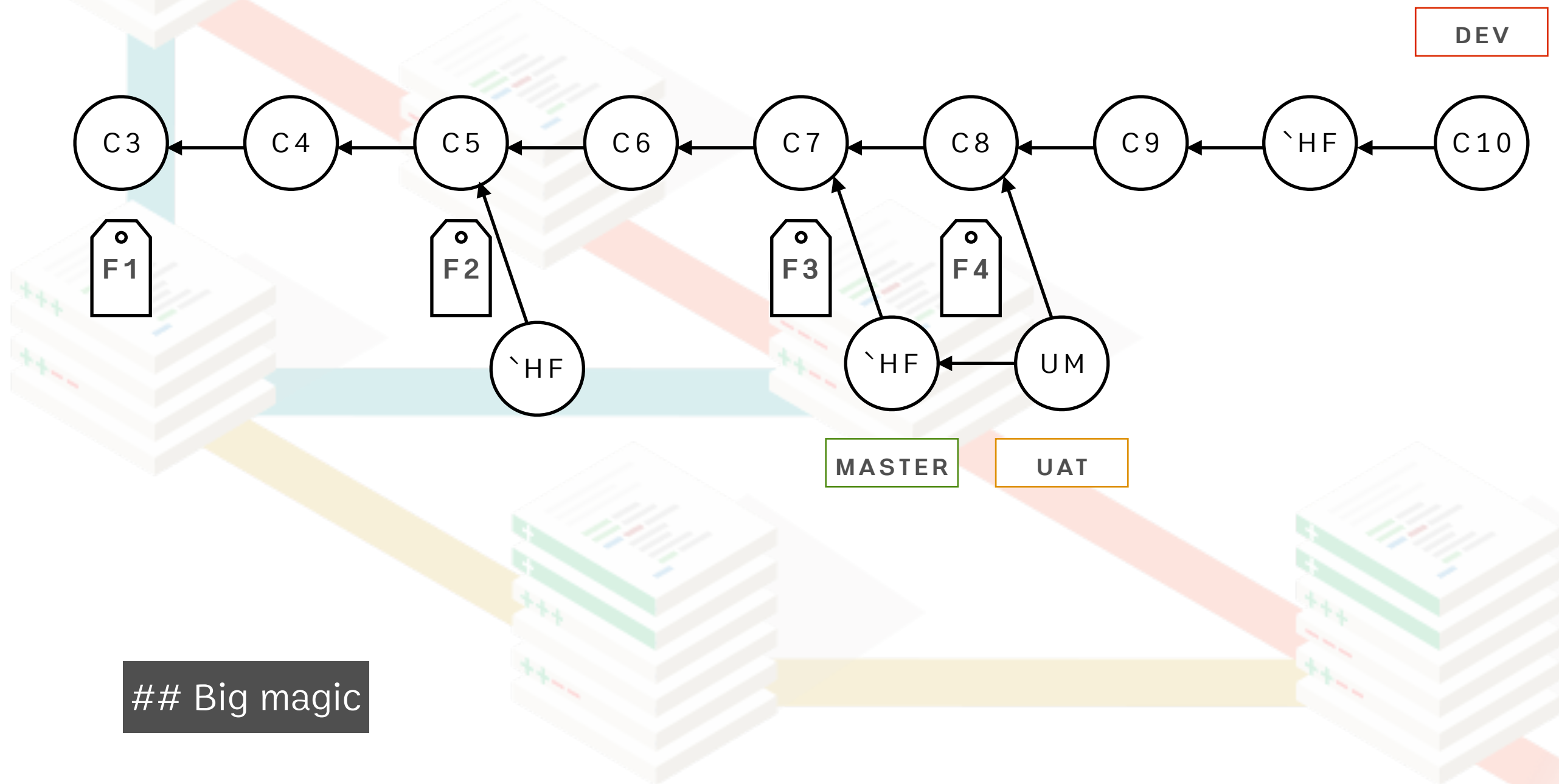


hot fixed
cherry-pick

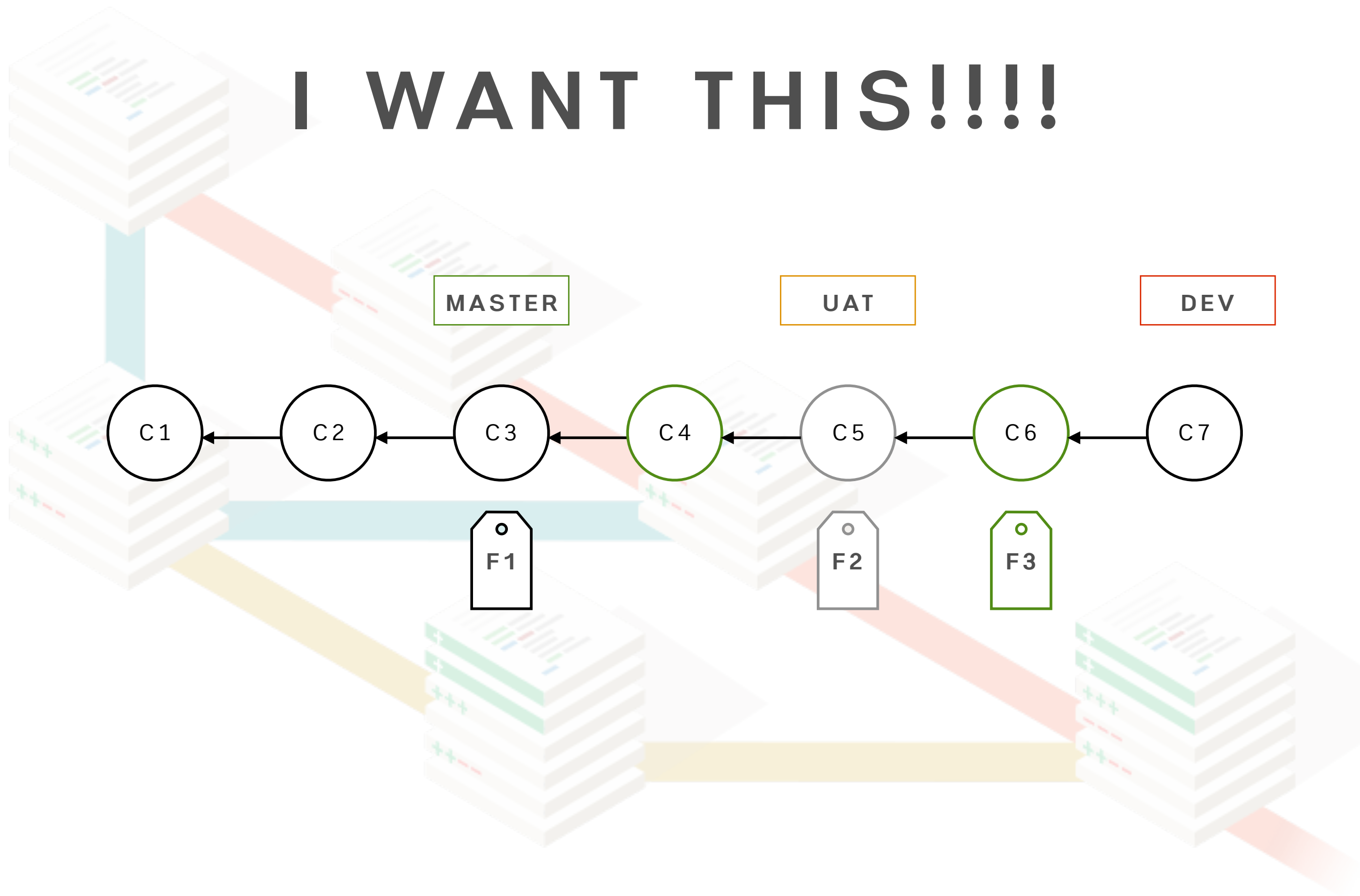
MERGE IT!!!



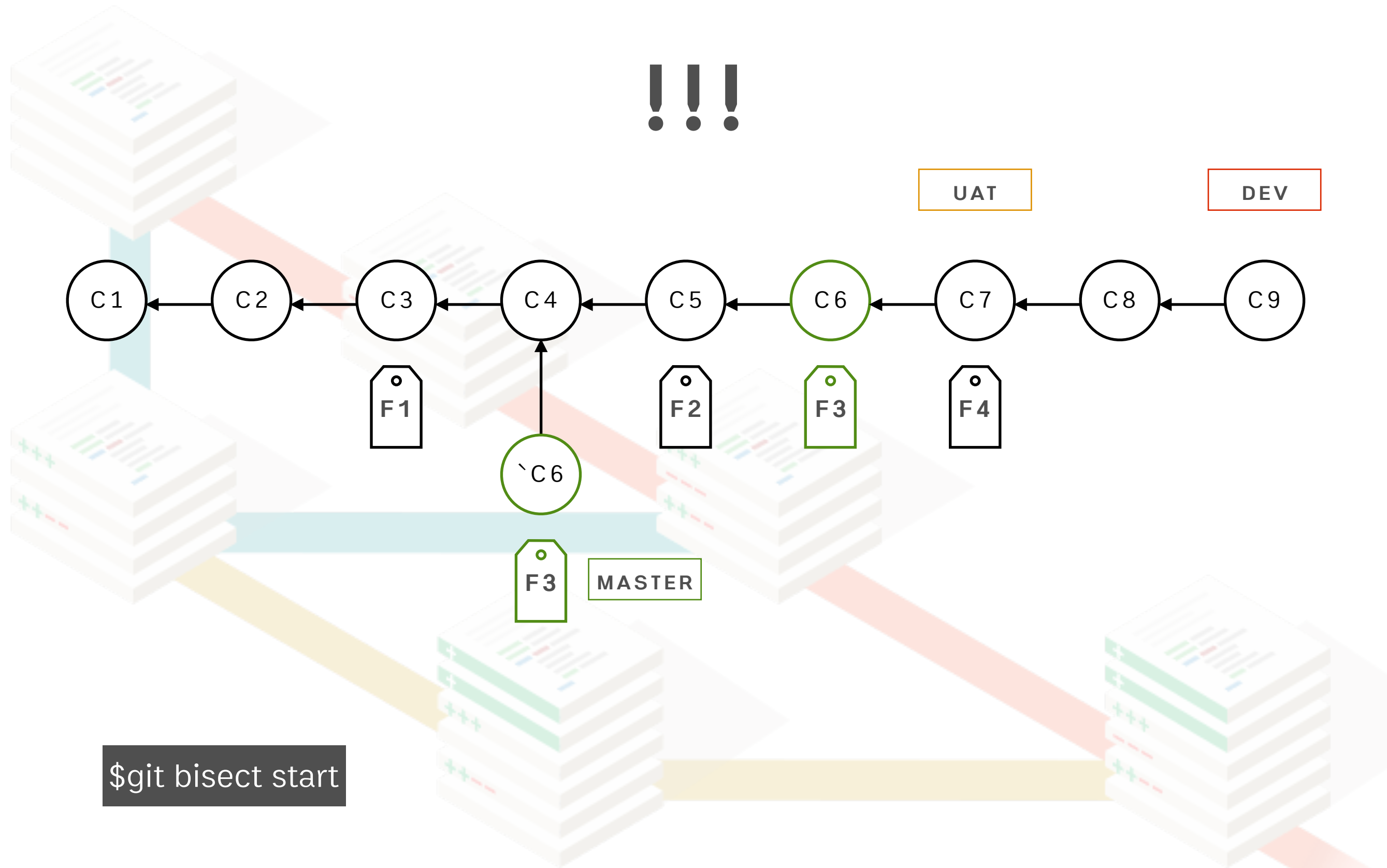
MERGE IT!!!



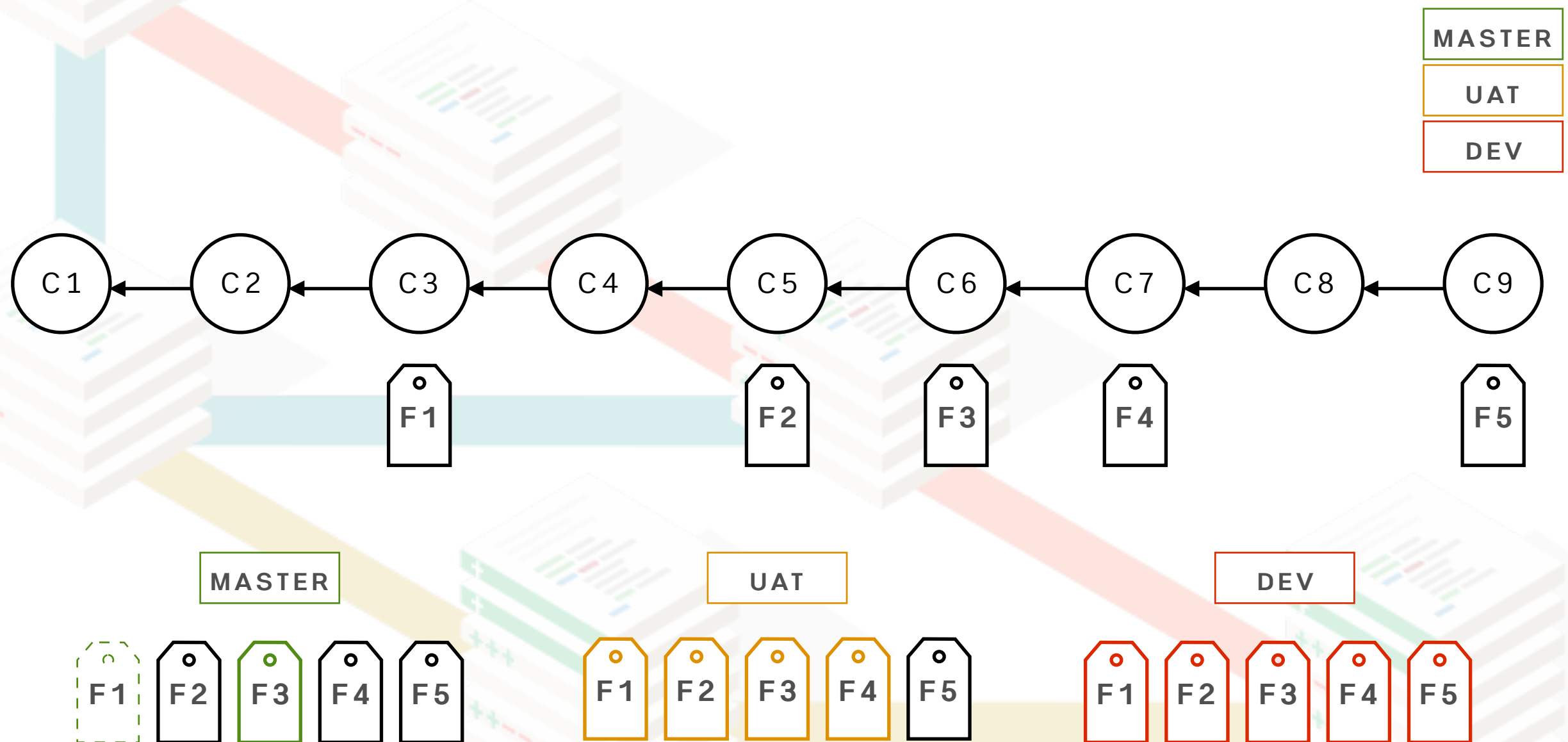
I WANT THIS!!!!



!!!



FEATURE-TOGGLE





GOAL!

**Decoupling deployment from
release.**

Choosing code paths at runtime.

TOGGLES BY?

Release Toggles [Canary release, Beta Test]

Ops Toggles [Kill switches]

Permission Toggles [Premium features]

Experiment Toggles [A/B Test]

LONGEVITY

Release toggles are around for days.

Permission toggles are around for years.

DYNAMISM

Release toggles vary per deployment.

Experiment toggles vary per request.

OWNERSHIP

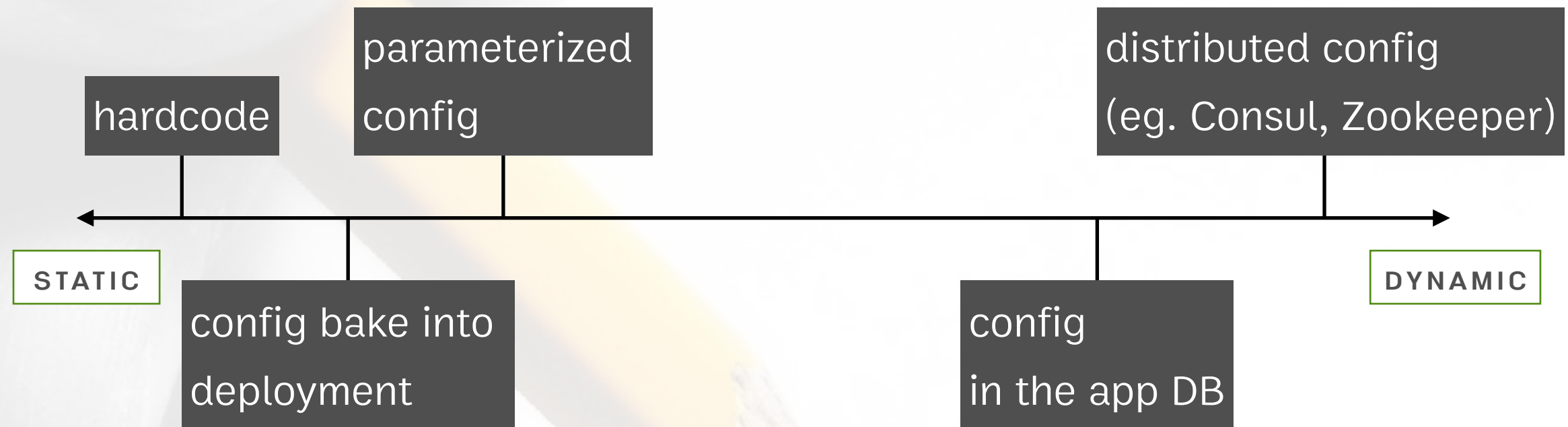
Release toggles owned by development team.

Ops toggles owned by operation team.

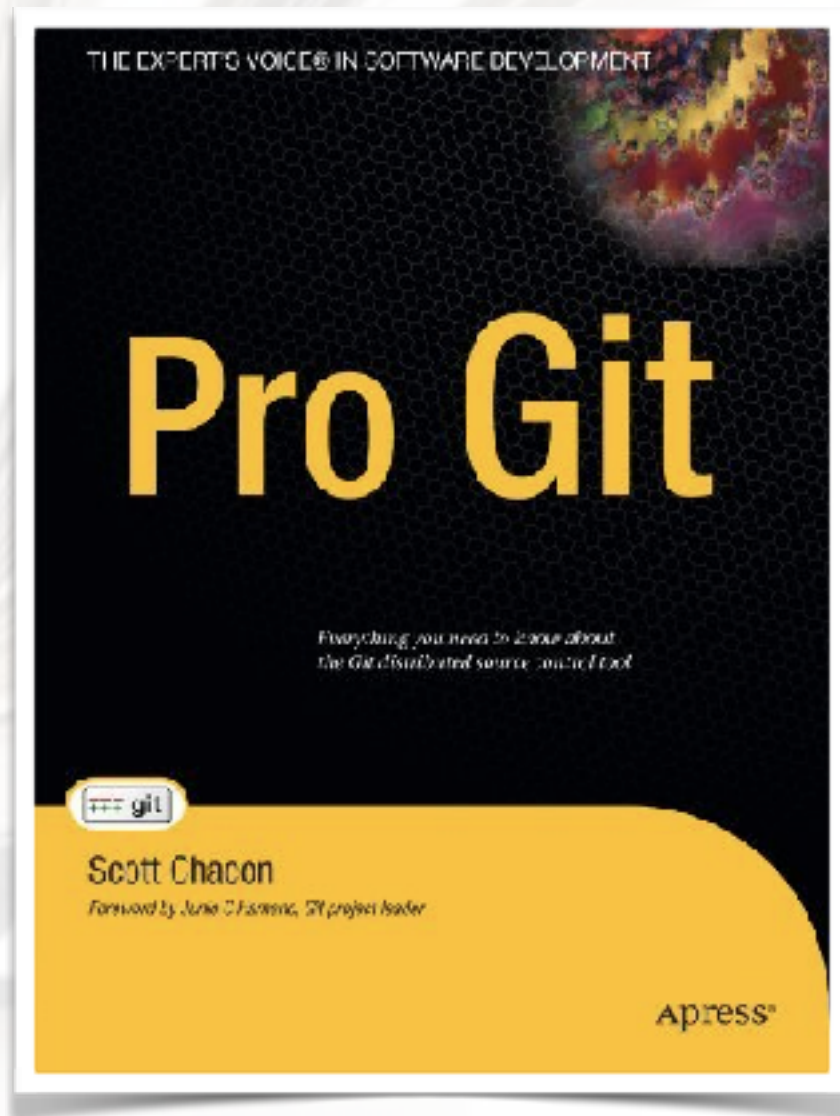
Permission toggles owned by Product.

Experiment toggles owned by Product.

TOGGLE CONFIGURATION



Books to Read and Practice



<http://www.git-scm.com/book/en/v2>



<http://shop.oreilly.com/product/0636920034520.do>