


Workflows

 Workflows – execute business logic

Workflow -> StackOverflow

- Bounded Context: “Question Context”
 - Workflow: “Post a new Question”
 - Triggered by: “Ask a question request received”
 - Input: “Question information form” (display title, body, tags)
 - Other inputs (validation of the text via ML)
 - Output: “New Question Accepted and Posted” event
 - Side effects: require manual review; confirmation question (user is being notified)

Workflows documentation

- Workflow: “Post a Question”
 - Input: “Question information form”
 - Output: “New Question Accepted and Posted” event or Manual Review or Rejected Question (because of invalid information)

//step1

Do validate question information form

If form is invalid then

stop

//step2

Send notification to confirm the new question created

//step3

Return “Question Accepted and Posted” event

- Substep “Validate question information form”
 - Input: “Unvalidated question information form”
 - Output: “Validated question information form”
 - Dependencies: title validator, body validator, tags validator (text analyzer - >ML)
- Check if the user is logged

- Analyze via an ML the question - validate the title
 - validate the question body
 - validate the question tags
- If all validations passed and ML accepts the question then
 - Return validated new question information form
- Else if the result of the ML is confused
 - Return propose for manual review
- Else
 - Return rejected question (validation error)