

FOLIO

The Future of Libraries is Open

A NEW OPEN SOURCE COLLABORATION



@FOLIO_LSP

Harry Kaplanian

“The differentiator and secret weapon of FOLIO is the Community.”

--Quote from the Head Librarian for the Colombian Economics University of the National Bank of Colombia

FOLIO's Sustainable Advantages



MICROSERVICES ARCHITECTURE

Microservices architecture insures libraries no longer constrained by legacy technology



OPEN INNOVATION

Open innovation business model means libraries are not locked into a single vendor

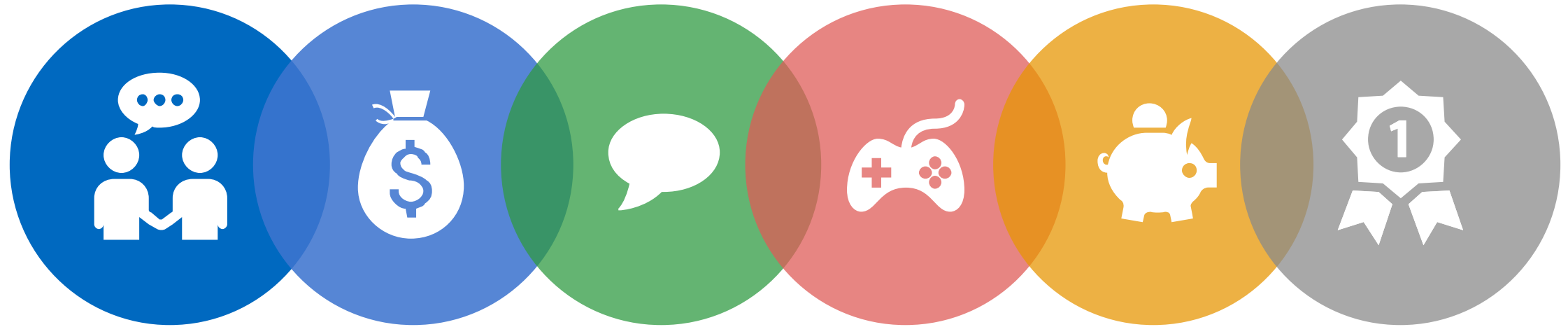


VIBRANT ECOSYSTEM

Vibrant ecosystem of partners creates economies of scale and many options

Key Contributors within the Community

- Or at least where we are headed...



01 **Product Manager**
Person who proposes roadmap by working with SIGs, PC & Dev teams

04 **SIGs**
Subject matter experts in functional areas/domains who help with requirements and design

02 **Product Council**
Management that looks at ways to move the process forward. Resource via SIGs

05 **Designer**
UX/UI first approach to define FOLIO design

03 **Product Owners**
Decompose domains into requirements

06 **Development**
Uses requirements defined by PO, Designer and SIGs. Fast feedback loop

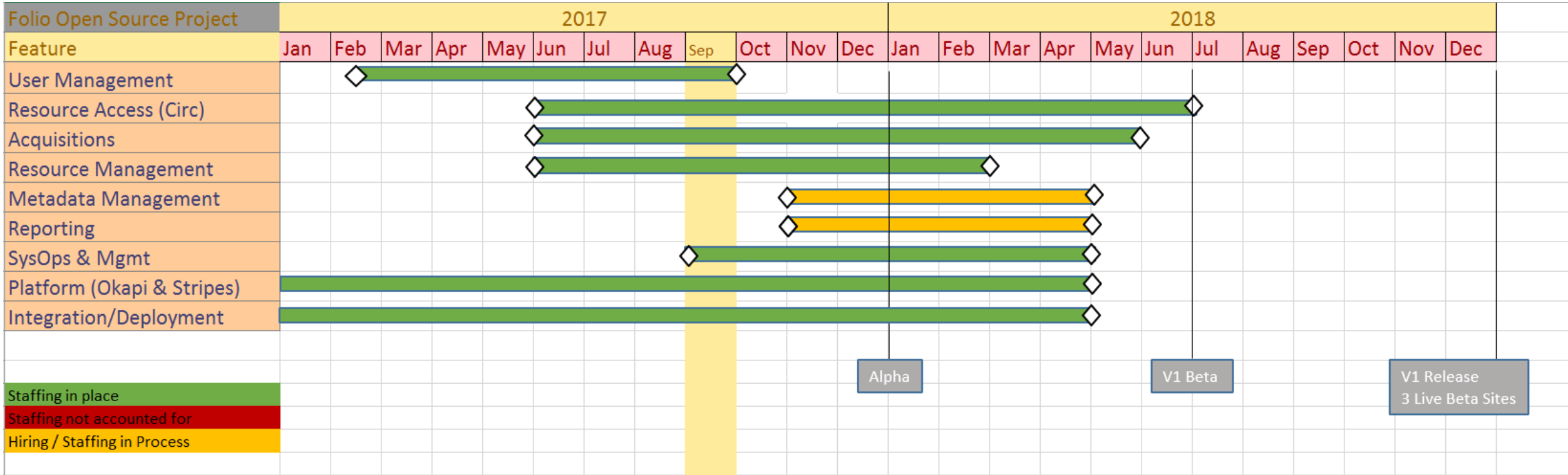
Agile Manifesto Principles

- Emphasis on people and communication, rather than on processes and tools
- Work directly with and satisfying users
- Break all work down into small chunks
- Focus on the clean delivery of individual pieces or parts of the software and not on the entire application
- Meet daily to ensure work is on track
- Open to changes even at the very end of the process

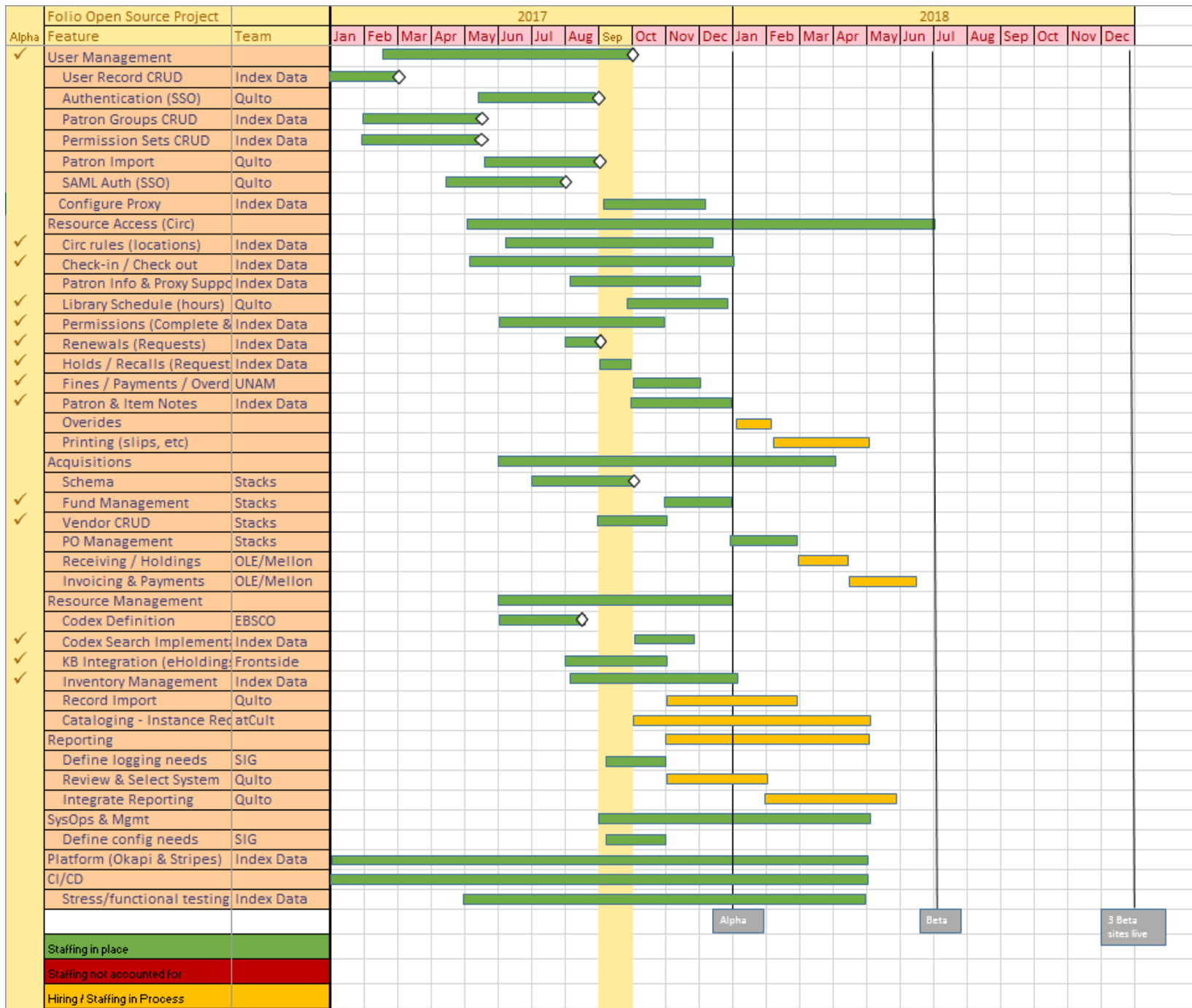
AGILE Terminology

- **Sprint/Iteration** – fixed time period during which development of a usable result takes place; for FOLIO we are doing continuous two-week sprints
- **Backlog** – collection of tasks that represent what needs to be done to deliver a specific outcome; FOLIO uses JIRA to keep track
- **Product Owner** – responsible for making sure team delivers the desired outcome by defining User Stories and prioritizing the Backlog. Works with SIGs and dev team to prioritize
- **User Story** – functional increments work is divided into; for example, “check out book”, “process lost book”; for FOLIO the Product Owner creates the User Stories in JIRA
- **Given When Then** - template used to write acceptance test for a User Story; (Given) some context, (When) some action is carried out, (Then) a particular set of observable consequences should happen; for FOLIO, the User Stories contain scenarios written in this format

Roadmap

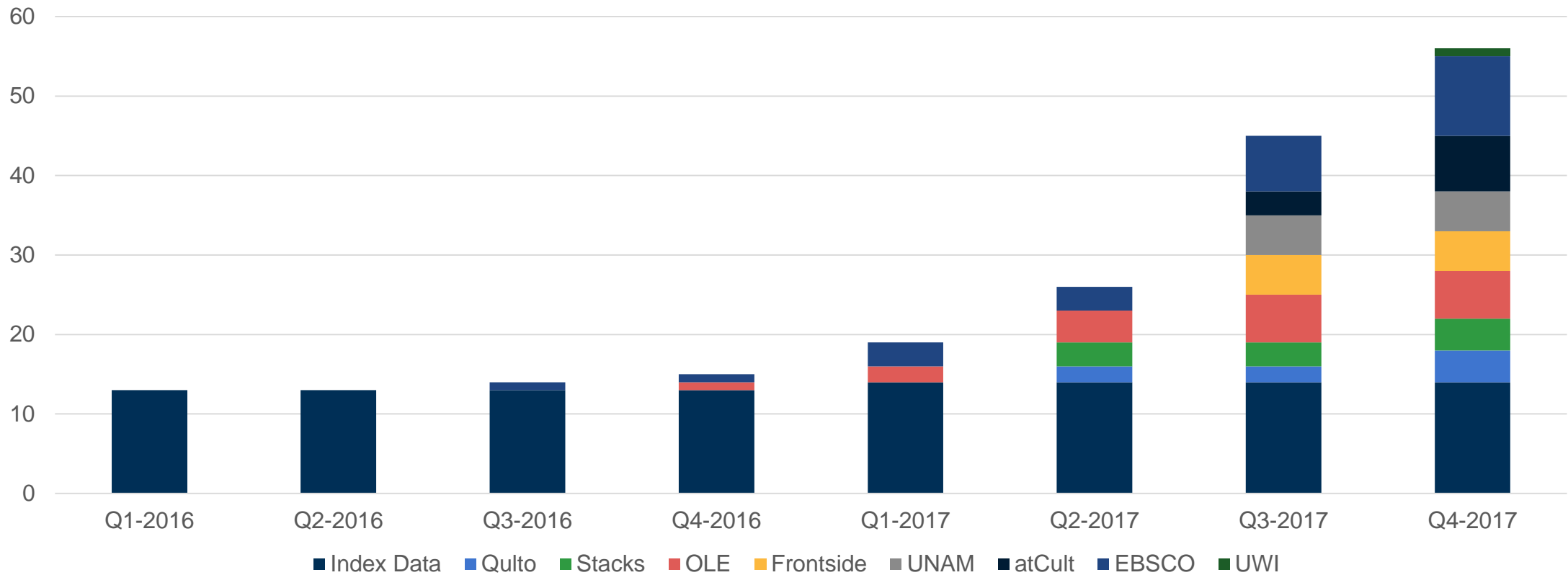


Roadmap Milestone Progress



FOLIO Development Team Ramp Up

Development Teams



Excludes Product Owners and UI designers

Code provided by commercial vendors

- Contractually obligated to provide open source code
 - Apache V2
 - Open Library Foundation ownership
 - All code clean licensing and no conflicts with Apache V2
 - All developer documentation must be provided
- GitHub requires acknowledgement of licensing requirements
- Currently all code submitted must be reviewed by existing community developers before accepted to main branch

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Questions



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