



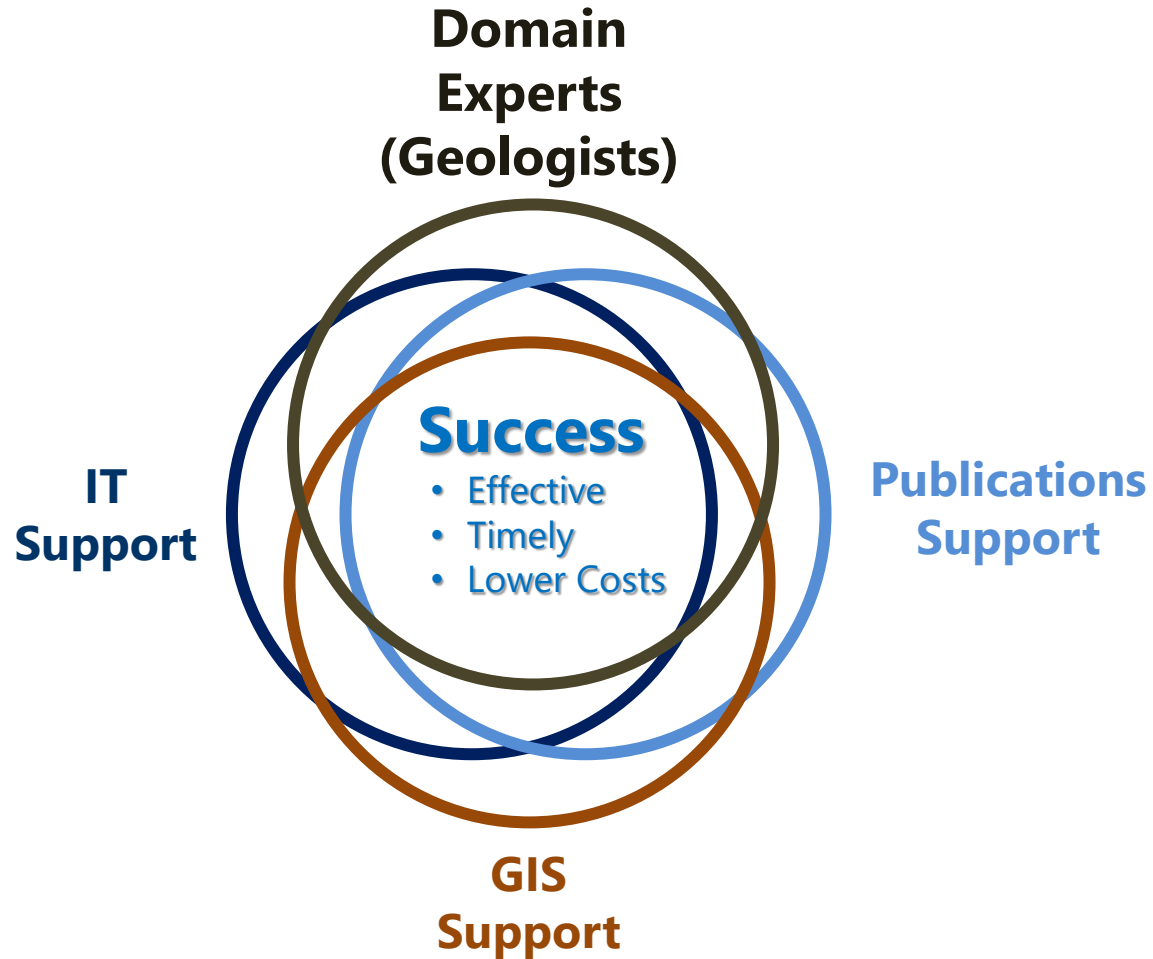
# Agenda

- Geologic Information Center (GIC)
- AK DGGS Publication Preparation & Approval Process
- AK GeMS & GeMS Data Additional Steps
- Centralized Metadata Creation
- Database Driven Publications Process

# AK GeMS Geologic Mapping System

## Integrated Team Is Essential!

- **Dedicated and Embedded IT support** at the Division Level is Absolutely Critical
- **Regularly scheduled coordination meetings:**
  - Weekly GEDI meetings (Geologic Data Inquiry)
  - Bi-weekly Division Publications Meetings
  - Weekly GeMS Multimaps Meetings
  - Individual Product Production Status Meetings
  - Other Spin Off Meetings
- **Emphasis on Training:**
  - Weekly GIS Tips & Tricks
  - Illustrator sessions
  - ESRI Training emphasis
  - One-on-one training and support from IT, GIS, & Publications.



***Geologic Information Center (GIC)***

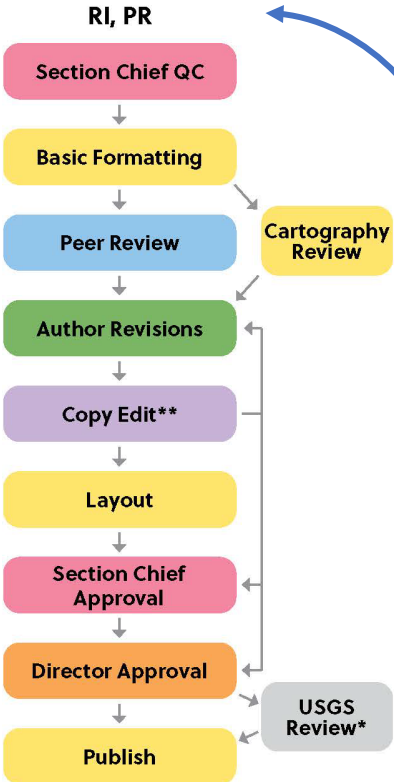
# DGGS Publication Preparation & Approval Process for All Publications

Funding approval, fieldwork/collection, analyses, co-author collaboration

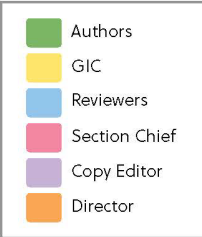


Managed by  
GIC's (Geologic information Center)  
**Kristen Janssen**

Fun Fact:  
Also responsible for all the  
Information Circulars  
in your DMT Packet



*Types of Publications Approval process dependent on publications type*



\*\*Additional external copy editing may be done at any stage, for any publication series, at the discretion of the author and section chief.

\*This step may include: Data design (Simone = metadata check, Mike/Andrew = GIS compatibility).

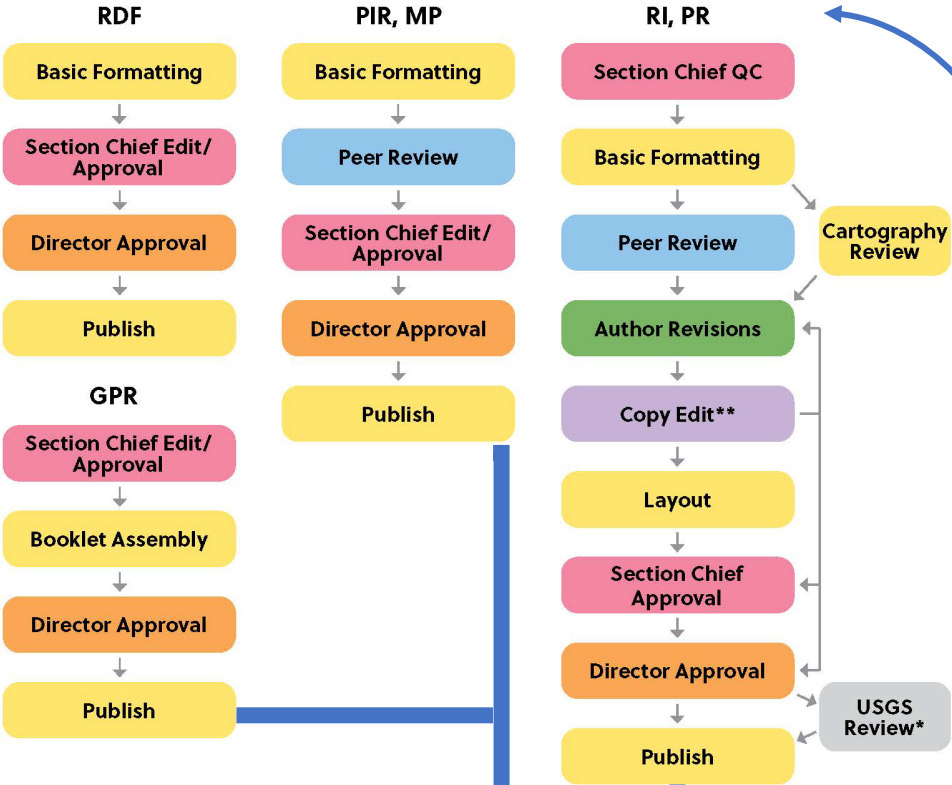
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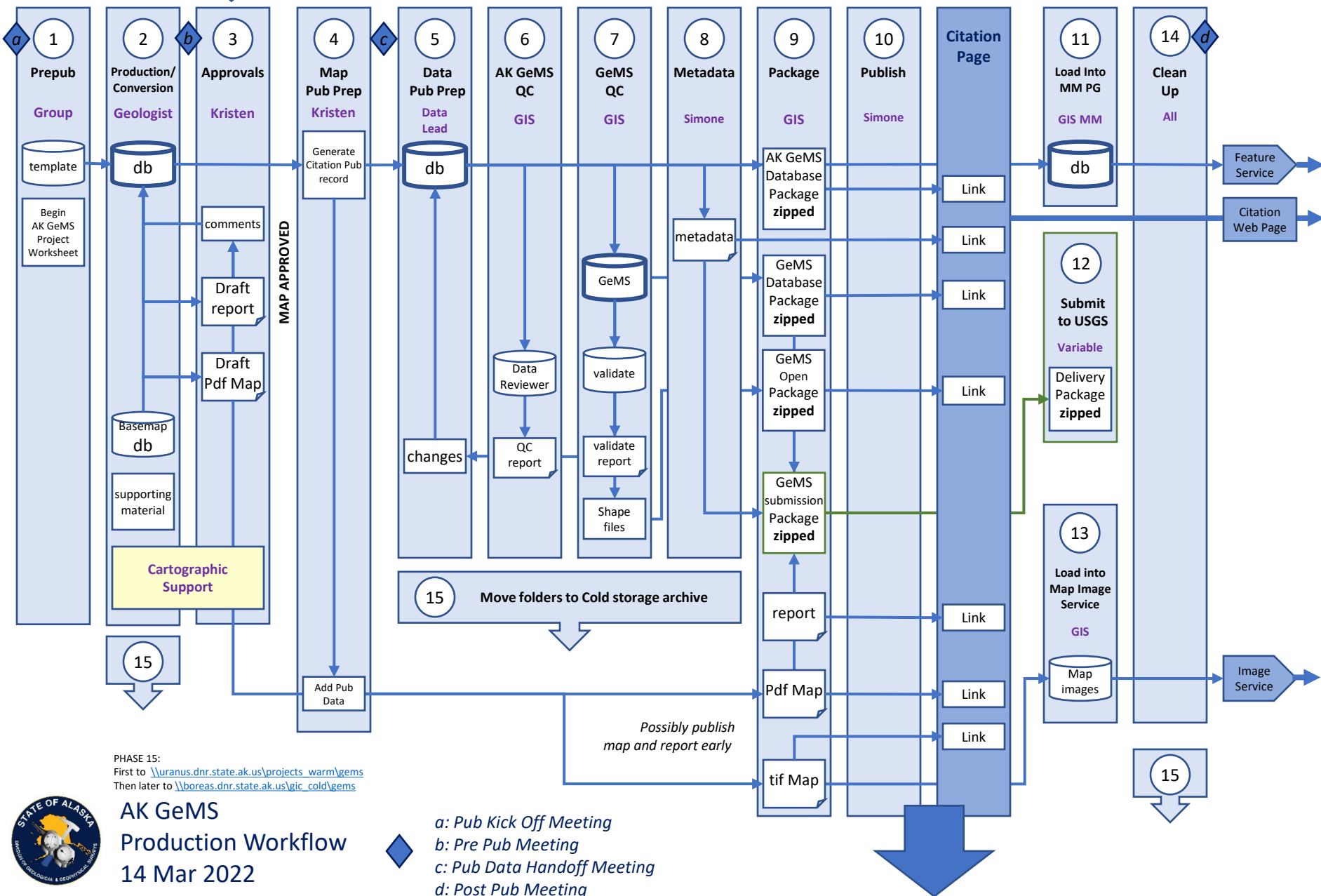
- Authors
- GIC
- Reviewers
- Section Chief
- Copy Editor
- Director

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**Well now what?**



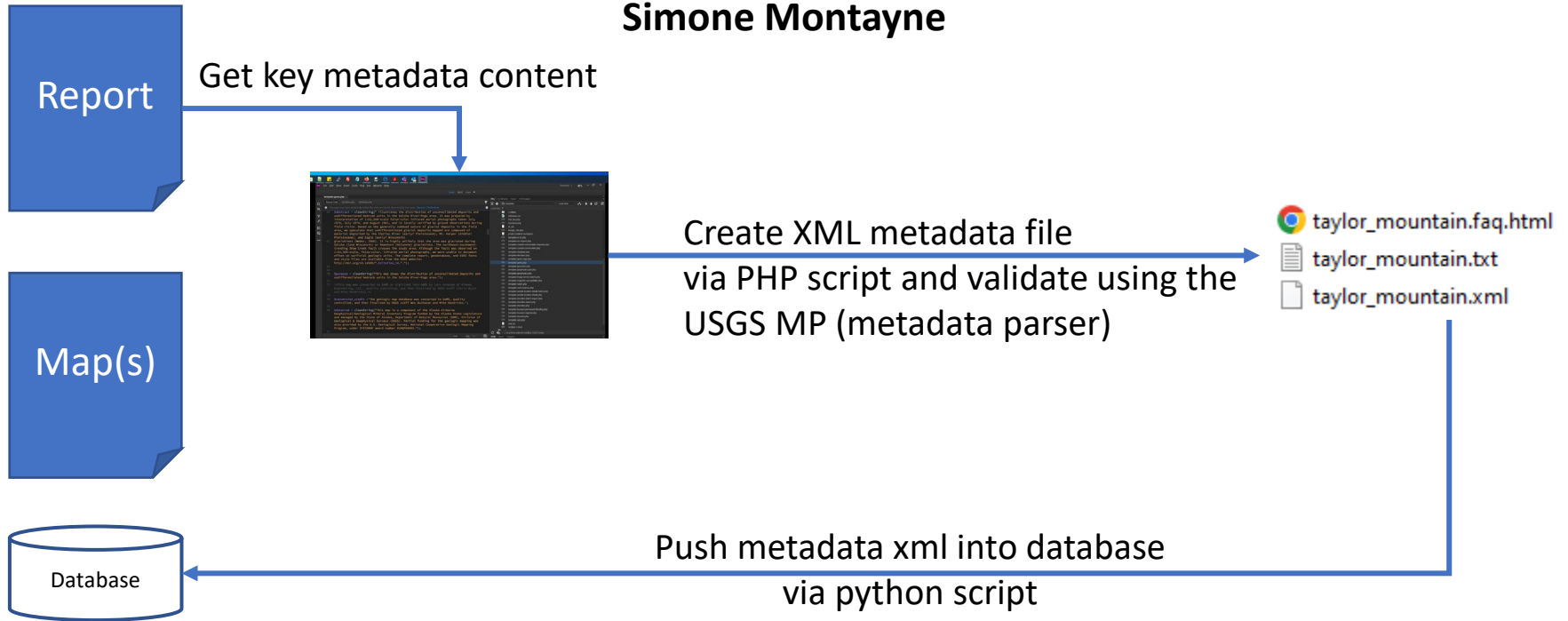
# GeMS Databases have "a number" of Additional Steps



# Centralized Metadata Creation

GIC's (Geologic information Center)

Simone Montayne



It's typically assumed that authors are best qualified to write metadata, which they are, but that causes publication delays because it also requires authors to fully understand the FGDC standard.

Our workflow ensures that authors capture key metadata in their reports and data products w/o burdening them with the need to tinker with an application or write XML.

# Database Driven Publications Process

Managed by  
GIC's (Geologic information Center)  
**Sue Seitz**

**1** Author/Staff populate publication file server

Geologic & Earth Resources  
Information Library of Alaska  
(GERILA)

**5**

**Library**

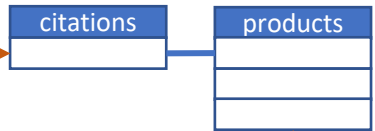
Publications is one of the many datasets hosted; others include:

- Stations
- Samples
- Map index



Typical Publication Products:

- Map as pdf
- Report as pdf
- Data Products
- Metadata



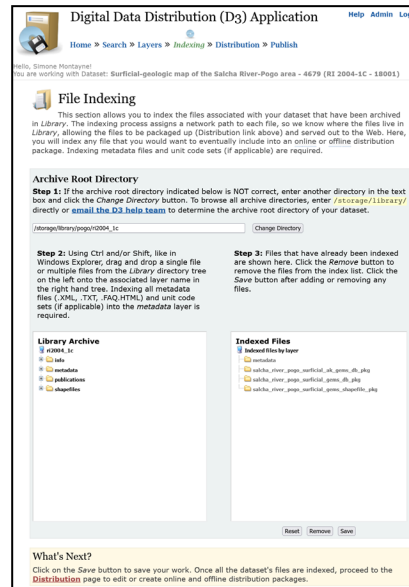
Metadata Creation

GIC Staff link products to publication & metadata via Web Interface

**2** GIC Staff create publication record via Web Interface

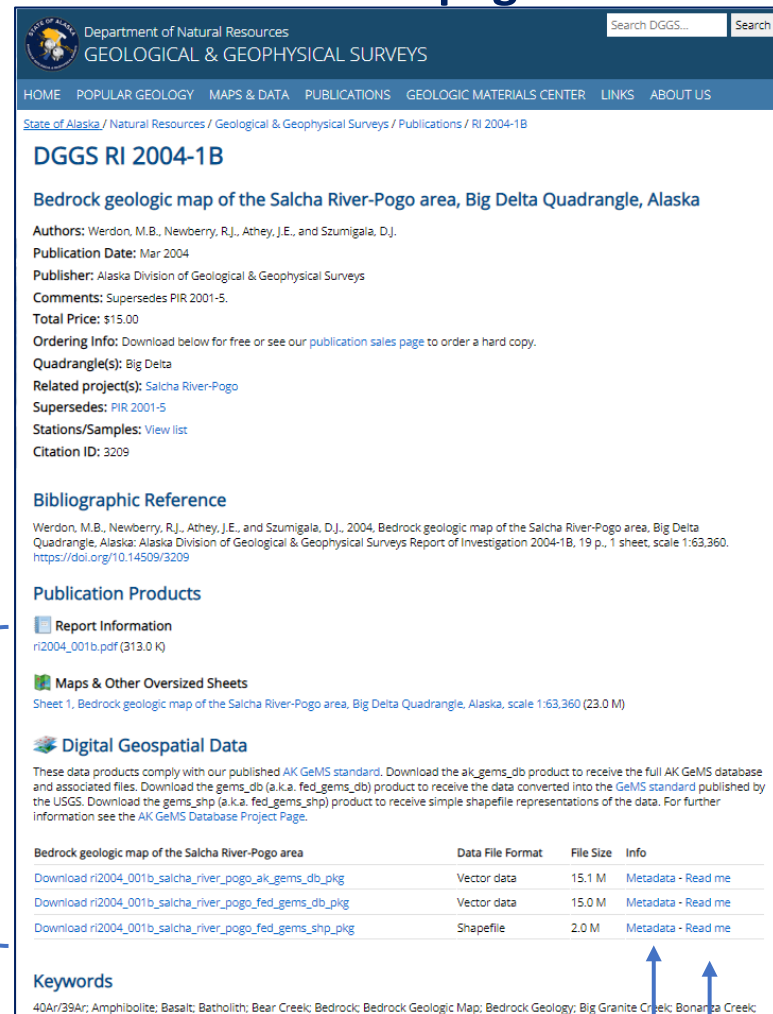
**3**

**4**



products

## Citation page



Metadata for each product

Dynamic "Read me"



# Questions