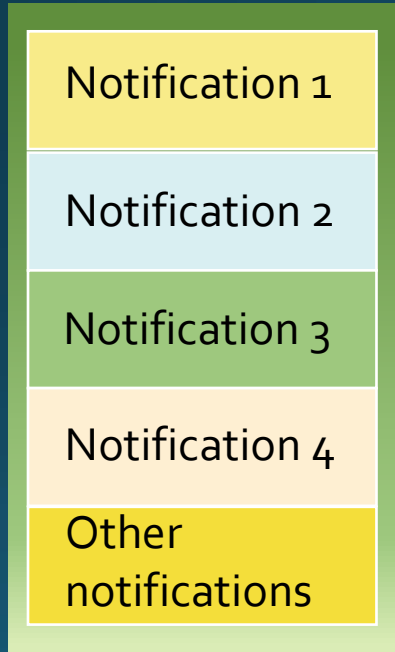


# Notification Central

Derek Greetan  
Jessica Stein  
Rachel Beal

# Overview

- Making a central window for computer notifications to simplify user's experience



# Main drivers

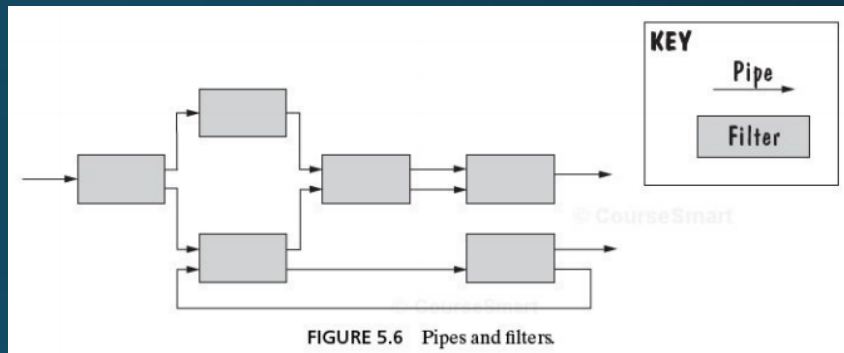
- Easy to add too
- Could be a cycle
- Shows clear organization (tiers, steps, etc)
- System is linear
- Event driven

# Architecture diagram option 1

## Pipelining

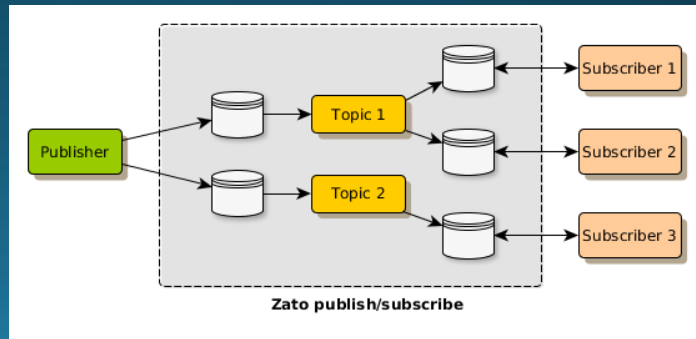
### Why:

- Needs to be cyclical/continuous
- show if/then relationships --- branching
- easy to design
- updatable in design b/c this is uncharted territory

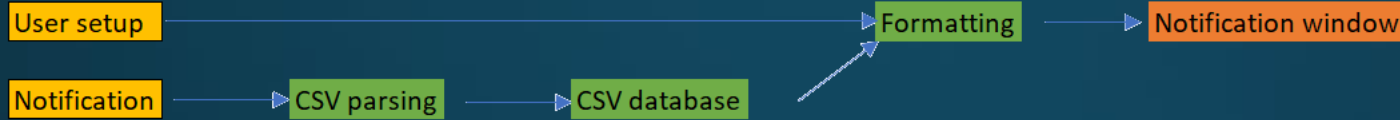


# Architecture design option 2

- Publish/subscribe
- Why:
  - All about events—ties into notifications
  - Flow-chart
  - Shows how user interacts
    - If/then situations, ability to filter what happens next
    - Accounts for user customizing their area
    - Accounts for user using the application in real time



# Publish/subscribe



Publisher  
Event  
Subscriber

# Conclusion

- After considering all the options, publish/subscribe was selected to be the best – event driven, easy to understand