

Assignment 6: Project Pitch Review

Software Engineering for Scientists

Due: Oct. 28

Questions:

Scientific overview:

1. Is any part of the scientific background unclear or confusing? If so, what additional information would be helpful?
The scientific background was very clear! I especially liked the black dog analogy.
2. What part of the project do you find interesting?
I found it interesting that riboglow can be used to study stress granules and that your project will explore this.

Architecture:

1. What components of the groups' proposed architecture do you think is a good design?
The inputs and outputs make sense and I think it's a really good design to break down the project into a six step workflow.
2. What, if any, are some limitations of the current proposed architecture that you see?
I could see the image processing steps being involved although I think you've considered this.
3. What components of the architecture do you think might be missing?
None.

Technical Implementation:

1. Do the proposed data types seem suitable for the proposed software design? If not, what could the group improve?
Yes, the proposed data types seem suitable.
2. Do you anticipate any computational bottlenecks not described by the group?
Depending on how many images are processed, I could see those steps possibly being a little slow since a few steps are needed for the mask processing.
3. Does the delineation of the code development between developers make sense or do you anticipate any code conflicts when merging the code? Does an alternative division of labor seem more suitable?
This was not mentioned in the presentation.