



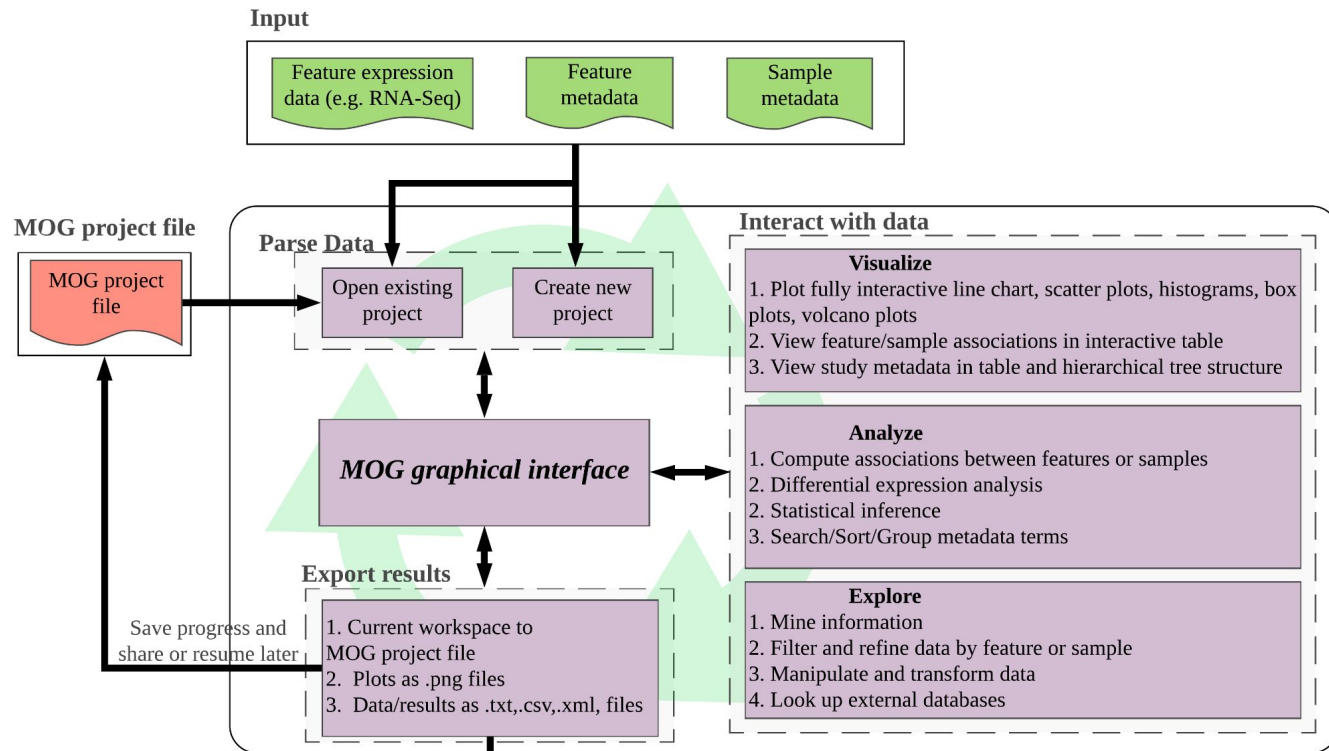
MetaOmGraph

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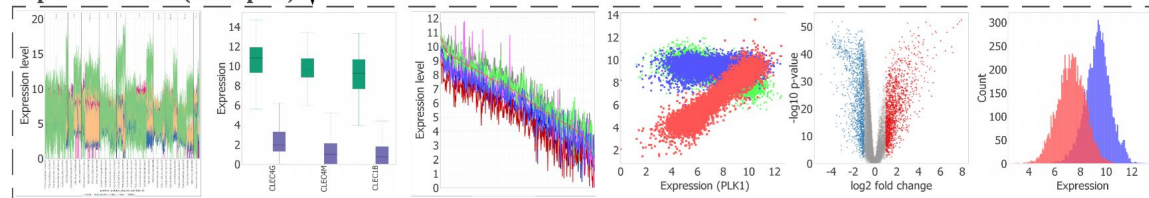


What is MOG

- Tool for visualizing, analyzing, and exploring Large Datasets
- Uses data indexing and buffering schemes to efficiently handle big, complex datasets
- Used by computational biologists, cell biologists, genome biologists, and physicians/clinicians
- Written in Java



Exported results(examples)





Identity

we are a migration project; a lot of rewriting and little new 'stuff'.

UX RESEARCH

1. User stores
2. Figma
3. Data Visuals

BACKEND MGNT

1. Mockito
2. Java to ???
3. O/M Architecture

QUALITY ASSURANCE

1. Represent CL intentions
2. Less fuzzy deliverables
3. Focus on form, than mattar



UX Top/Down Methodologies

We are form-first



Current Plans

Functional requirements:

- Supporting New Java Version
- Adding features to improve MOG usability - new chart types, data analysis
- Migrate to web version (need to confirm again)

Non-functional requirements:

- Scalability (able to handle large datasets)
- Maintainability (old dependency issues)



Questions & Concerns

- Web Version of MOG - is this no longer an option
- What versions of Java should we provide support for
- Timeline for the project
- Scope of the project
- Unfamiliarity in subject area (biology)



Thank You!

MetaOmGraph - <https://github.com/urmi-21/MetaOmGraph>