

BLAST, Pipelines, and FAIR

Statement of Work

Create a workflow for BLAST Reciprocal Best Hit (RBH) that is more FAIR than present methods

How to prove FAIR improvements?

F A I R - what will we improve?

FA: data will not be better findable or accessible by this workflow (out of scope)

I: Interoperability improves

- Machine AND human readability (CWO viewer / cross platform script)
- i/o ontologies contained in files (EDAM_... standard)

R: Reusability improves

- Backward tracking capability as all in i/o files
- Each step in the pipeline gets also more reusable by this workflow (modular approach - modular reuse of components).

