Phase 1:
Detect candidate missing is-a relations and mappings

Phase 2:
Validate candidate missing is-a relations and mappings

Phase 3.1:
Generate repairing actions

Phase 3.2:
Rank wrong/missing is-a relations and mappings

Phase 3.3:
Recommend repairing actions

Phase 3.4:
Execute repairing actions

USER

Choose an ontology or pair of ontologies

Choose a missing/wrong is-a relation or mapping

Choose repairing actions

Ontologies and mappings

Candidate missing is-a relations and mappings

Missing/Wrong is-a relations and mappings

Repairing actions (per missing/wrong is-a relations/mappings)