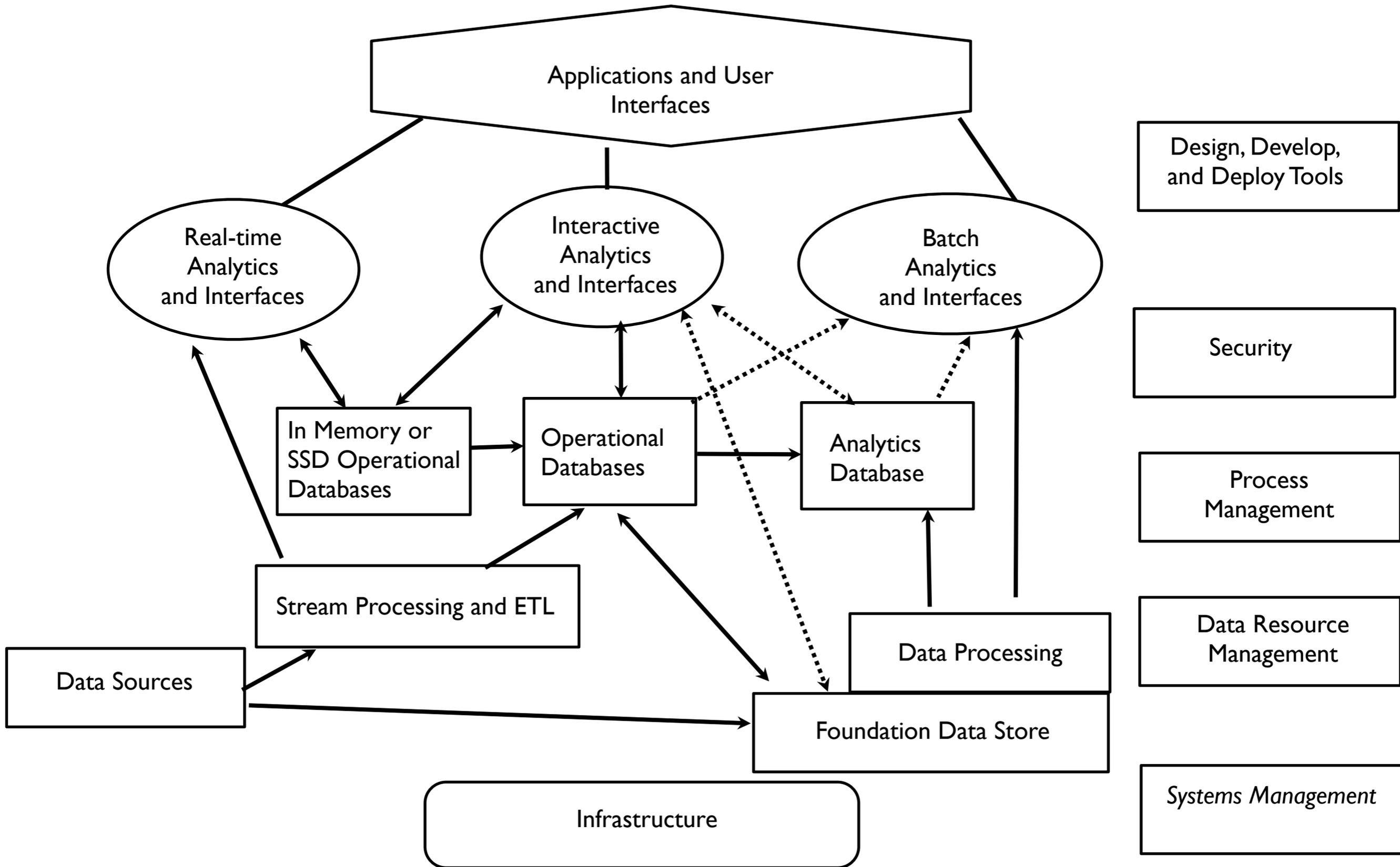


Evaluation Criteria for Reference Architecture

Criteria for Evaluating Reference Architecture

- These are my personal suggestions
- Evaluation of Reference Architectures should be based on pre-defined criteria
- Without criteria, it will be hard to determine best Reference Architectures
- These criteria should include possible mappings to other subgroups deliverables
- Another criterion should be relative harmony with existing Reference Architectures
- The draft brainstorming Reference Architecture meets these criteria

Brainstorming Big Data Reference Architecture



Criteria Examples

- Taxonomy subgroup should be able to define and extend Architecture Components
- Requirements subgroup output should be mappable to Architecture Components
- Use Case Actors should be mappable to Reference Architecture
- Roadmap subgroup gap analysis should be mappable to Architecture Components
- Big Data technology stacks (e.g. Apache) should be mappable to Architecture
- The final slide shows how Apache components fit into brainstorming Architecture

