

Handling Bad Strips

Leon and Joanne

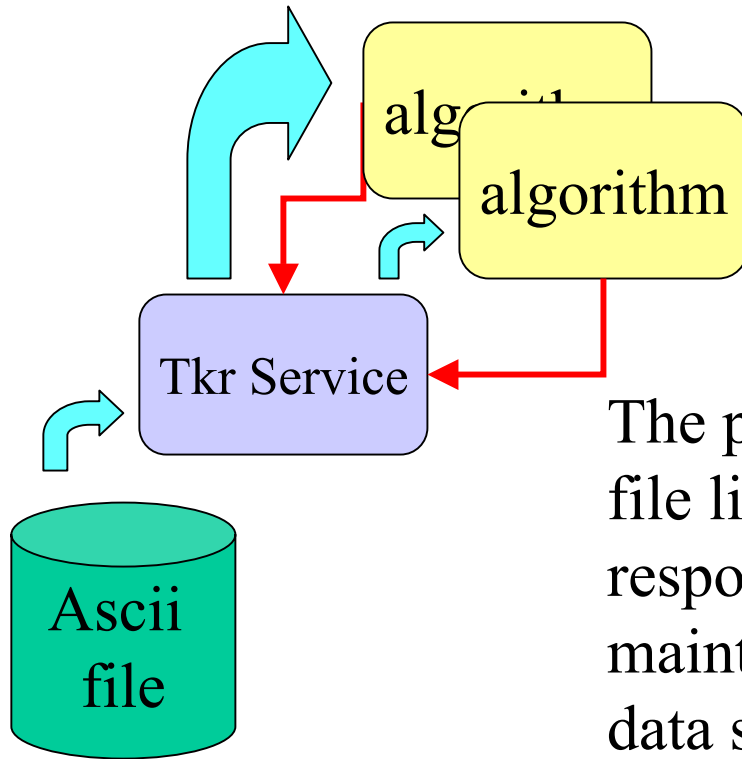
Requirements

- Use conversion services to get from persistent (XML) form to TCDS; handle updates as event time increases “automatically”
- Little or no change to existing algorithmic code required
- Allow description to call an entire component bad or enumerate individual strips (or both).

→ data

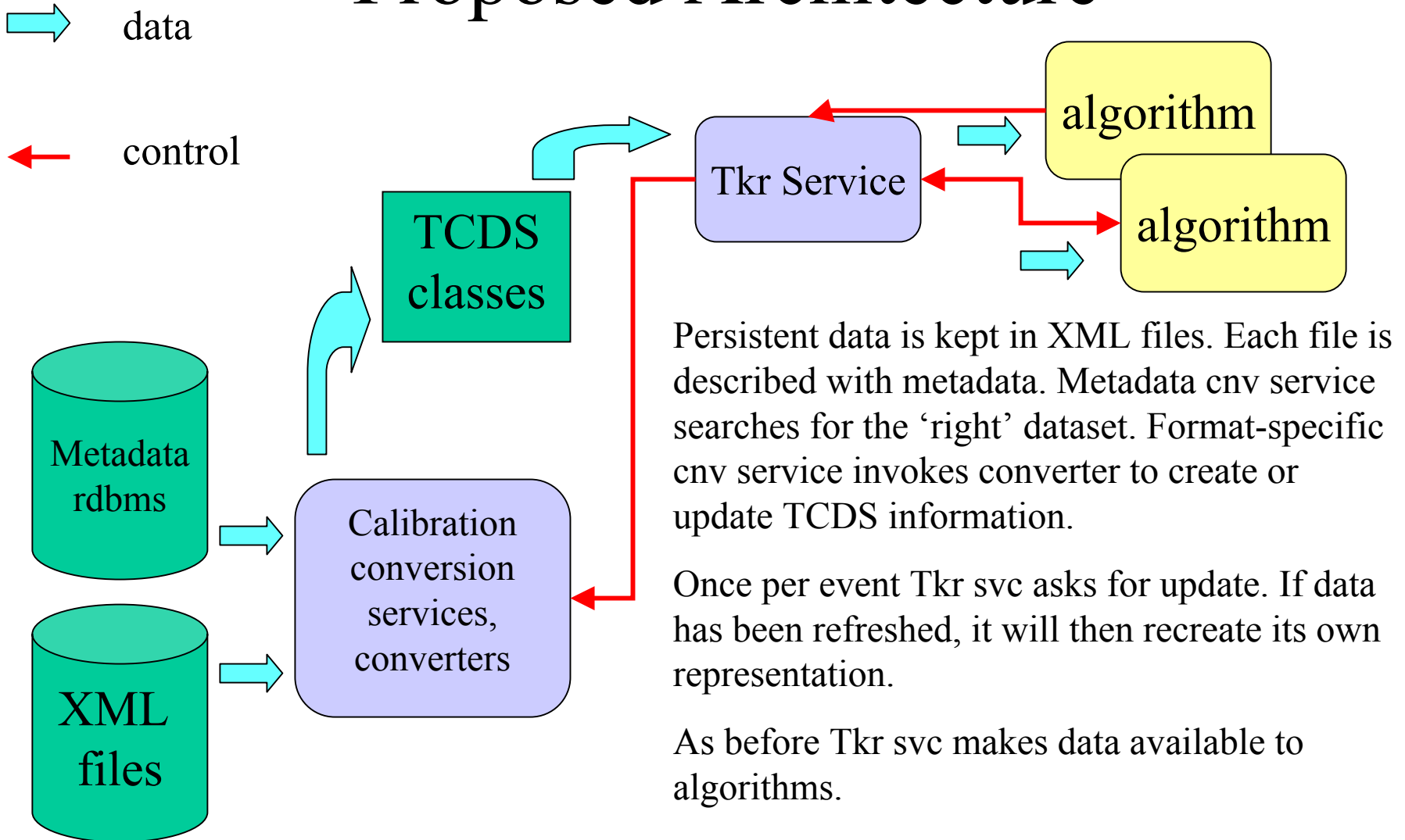
← control

Existing Architecture



The persistent form of the data is an ascii file listing bad strips. A Gaudi service is responsible for reading in the file and maintaining a corresponding in-memory data structure which algorithms can access

Proposed Architecture



To do

- Design (round 2) XML format and TCDS hot/dead strips classes [Joanne]
- Modify tkr service to fetch TCDS data and generate something like current data structure [Leon]

Everything else (tkr service interface to algorithms, calibration infrastructure underpinnings) is done, sort of.