[Public] Feast Roadmap

Roadmap has been moved here: https://docs.feast.dev/roadmap

Feast 0.5 (eta Mar/2020)

1. New functionality
   1. Streaming statistics and validation (M1 from Feature Validation RFC)
   2. Batch statistics and validation (M2 from Feature Validation RFC)
   3. Add support for metadata about missing feature values (#278, Missing Features Metadata RFC)
   4. User authentication ~~& authorization~~ (Projects & Auth RFC)
   5. Add feature or feature set descriptions (#463)
   6. Redis Cluster Support (#478)
2. Tech debt, architecture changes, API changes
   1. Remove feature set versions from API for retrieval only (#462)
   2. Tracking of batch ingestion by with dataset_id/job_id (#461)

Feast 0.6

1. New functionality
   1. Improved discovery API/SDK
      1. Resource listing
      2. Schemas, statistics, metrics
      3. Entities as a higher-level concept
      4. Add support for annotations/labels/tags for easier filtering and discovery
         1. Could be at feature set or feature level
         2. Possible usages:
            1. Feature set groupings
            2. Marking (features) for deprecation
   2. Add support for default values
   3. Add support for audit logs
   4. Support for an open source warehouse store or connector (JDBC)
2. Tech debt, architecture changes, API changes
   1. Move all non-registry functionality out of Feast Core and make it optional
      1. Allow Feast serving to use its own local feature sets (files)
      2. Move job management to Feast serving
      3. Move stream management (topic generation) out of Feast core

2. Remove feature set versions from Feast (not just retrieval API)
    1. Allow for auto-migration of data in Feast
    2. Implement interface for adding a managed data store
3. Multi-store support for serving (batch and online)