BoF - Python session summary

12/12/19

Summary:

Topic discussed

- Draw a technical line for building a foundation (Not much response from community)
- Progress we have made for improving Python experience with Bazel
- Enable the community to better contribute to python rules
- Many people have custom rules, how could we unify them and provide something useful for the whole community.
- Whether Bazel should keep supporting Python 2 -> Yes

Specific Requests and Action Items

- Better community planning
  - AI: Determine the cutoff of what features Bazel team owns and what the community must own
  - AI: Implement this decision by ejecting non-core features from rules_python into alternative repos
  - AI: Publicize roadmap of feature requests / ongoing work, sans timelines
  - AI: Catalog community rulesets, publish a guide to them, determine how to converge efforts
- Documentation
  - AI: Ensure there's good discoverable documentation / examples for toolchains
  - AI: Document existing best practices for Python protobuf
- Feature requests
  - AI: Determine whether test coverage support is in-scope for core bazel rules / Bazel team ownership
  - AI: Determine how to make core rules amenable to extension for hermetic Python / deployables
- Reduce pain in using google-authored packages (gRPC, protobuf, tensorflow, cloud sdk)
  - AI: Catalog sources of pain there. Most of them are probably import namespace related.