DAGOBAH

OUR MISSION

Dagobah provides a bridge to federated data governance via Policy and Attribute Based Access Control for data in formerly siloed environments to empower data governance and simplify secure data access for applications and their users. Dagobah enables automated and auditable permissions-sharing for data as it moves, empowering users to make faster, highly informed decisions, and can reduce manual work across the DoD through scalable, platform agnostic capabilities. The Dagobah system can onboard data from many environments, allowing data administrators to create governance policies via field and attribute level data tagging, role assembly, and by associating roles to tags. Dagobah provides modern capabilities for sharing and accessing data held in legacy systems by providing downstream applications and their users near-real time data streams governed by Dagobah's permissions models and data federating engine.

Scalable Federated Data Permissions

Policy & Attribute Based Access Control model enables functional and scalable data governance and provides a future solution for cross-domain data sharing. Applications leverage Dagobah's permissions policies and deliver secure filtered data to their users.

Platform Agnostic Real-Time Data

Real-time data streaming (Kafka) allows data from multiple external origin systems to be delivered in near real time. Open source tooling eliminates vendor lock and promotes collaboration.

Continuously Secure

Federated governance allows the DoD to centrally manage attribute-level data tagging maintain security for all applications using Dagobah while enabling more granular access to data for deriving critical insights.

Human Centered Experience

Dagobah solves human problems by providing DoD Operators and Leadership access to cross-functional cross-domain real-time data for better decision making.

ROADMAP

● Delivered ○ Next Steps ○ Future

- KICKOFF 01/2021
- Product Discovery
- UX Research, Interviews Data Owner Research
- Technical Discovery
- UX Design
- MVP Product Development
- MVP Delivery - June 2021
- Identify AF/DoD Product Owner
- Pilot + Governance Validation
- Continued Research on DoD Data Owner needs
- Identify and OnBoard Pilot Users/Applications
- Federation and Application onboarding
- Product Support
- Feature Development

Developed in Partnership with Air Force Blue Horizons Fellows Maj. Devon Messencar and Maj. Benjamin Heruska

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