LANDRS

Linked-data **A**PI for **N**etworked **DR**one**S**

PROJECT PLAN

PROJECT HIGH LEVEL GOALS

1. A *API, facilitating software stack, and developer community* to enable building drone data management software that will ease drone collected data being made FAIR
2. *Example instantiations* of tools using #1 for specific domains using **#BYO_Ontology**

PROJECT TIMELINE

DESIGN > DEVELOPMENT > DEPLOYMENT

2019 Q2 - Q4: **DESIGN**

- ESIP Summer meeting design workshop/hackathon1 *16 July*
- RDA Helsinki P14 design workshop/hackathon2 *21 October*
- Begin implementation
- S.Hemisphere Summer Grad Student Exchange *Oct-Nov*

PROJECT TIMELINE

2020 Q1-Q3: **DEVELOPMENT**

- Development
- Deployment hackathon1: Host domain and location TBD*
- N.Hemisphere Summer Grad Student Exchange *June-July*

2020 Q4 - 2021 Q1: **DEPLOYMENT**

- Deployment hackathon2: Host domain and location TBD*
- Transition to community ownership
- RDA WG in parallel

* SUGGESTIONS AND INTEREST WELCOME

DESIGN HACKATHON1

ESIP Summer 1 day workshop **agenda evolving here * See link for recommended pre-event reading, pre-event telecons, speakers

BASIC OUTLINE:

- ESIP Plenary
- **Morning talks:**
  - LANDRS beta design and available tool stack and ontologies
  - Current drone data tooling
  - Example data-sets
- **Afternoon discussions:**
  - Competency question development
  - Ontology modeling
  - Design review
  - Next steps
- Rest of ESIP: Discussion

MORE DETAILS:

- Github here
- Slack channel here