

Hive Breakout Agenda

Administrative Items

- Regarding logistics, NIH is happy with how things going so far, any concerns in repeating process next year? - Is the process to fund HIVE functioning? Year by year, with a multiyear view.
- Existing NIH-HIVE component telecons—keep meetings or restructure?
- Schedule of future demo days (quarterly)
 - At This meeting;
 - Virtual in December
 - At Spring (HCA meeting)
 - June annual meeting or not?
- Other Admin items?

Operational management plans for year two

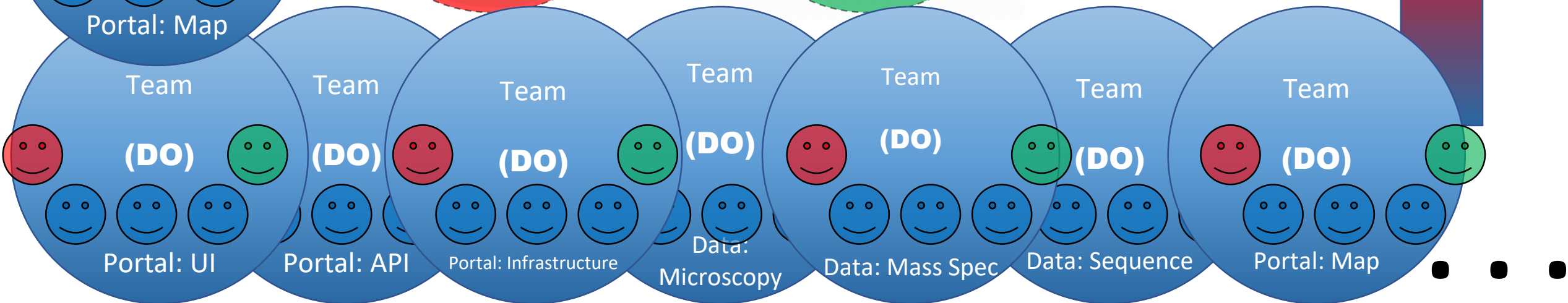
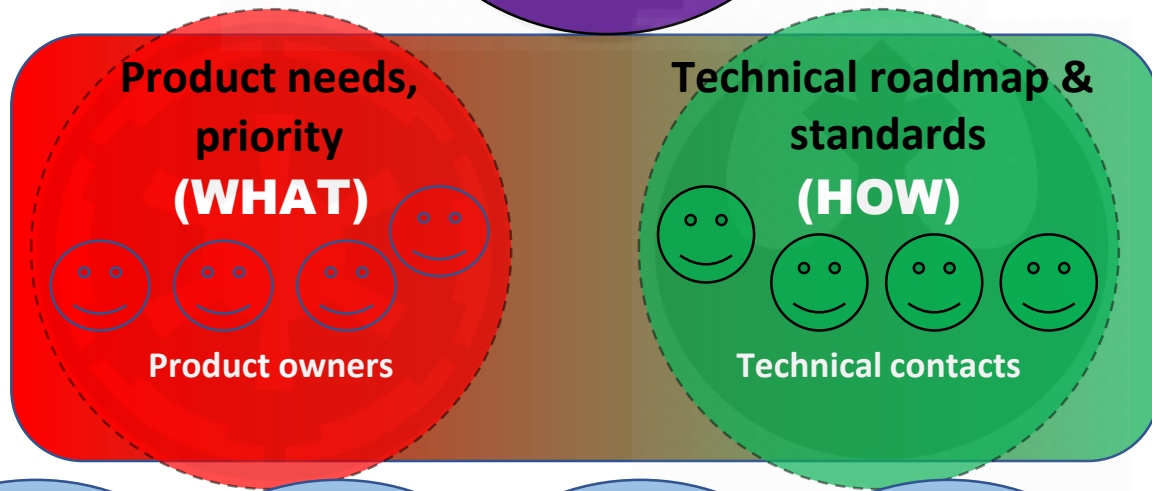
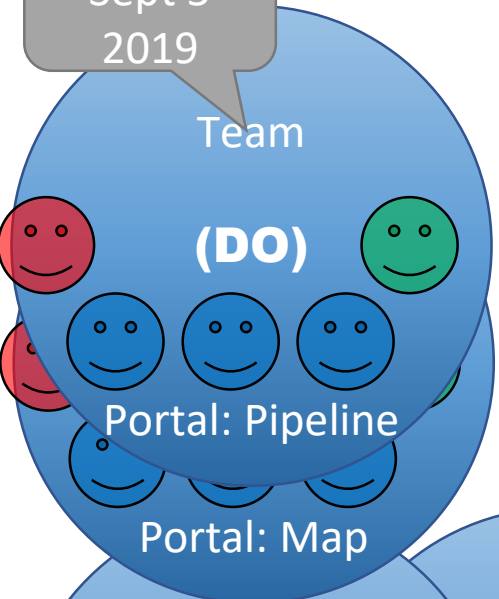
- Low level Workstreams: weekly Sprints - consortium work
- High Level Data/Software release deliverables (quarterly - consortium work)
- Other Transaction Award Milestones (in fact annual and Admin PI work)

Execution Team Structure



*****All "Irreversible" or "Controversial" decisions go to Steering Committee*****

Added Sept 5 2019



Roles

| Role | Responsibility |
|--------------------------|--|
| Product Owner | Manage workstream, prioritize work, conduct sprint & quarterly planning |
| Technical Contact | Manage tech needs, set standards, define technical implementation road map |
| Team Member | Do the work |
| Delivery-responsible PIs | Remove barriers, resolve differences, make decisions |



HuBMAP Consortium

Repositories 22

Packages

People 46

Teams 6

Projects 2

data-portal

Updated 2 hours ago

Filter cards

+ Add cards

Fullscreen

Menu

37 Backlog

📌 Create mockup for generic entity detail page

hubmap-data-portal#154 opened by ngehlenborg

UI enhancement

📌 Create mockup for generic entity browse page

hubmap-data-portal#153 opened by ngehlenborg

UI enhancement

📌 Create production instance of Airflow on HuBMAP infrastructure

hubmap-data-portal#152 opened by pdblood



📌 Create plan to enable data downloads through portal via Globus

hubmap-data-portal#151 opened by pdblood

API UI

📌 Deploy Elasticsearch database in AWS for production use

Automated as To do

Manage

6 Ready

📌 Error is thrown if the description field is too long (10 paragraphs of lorem ipsum)

uuid-ui#29 opened by etlds

📌 User profile mapping

registration#22 opened by shirey

registration-1.0

📌 Automated ingress of (meta)data from processing pipelines

hubmap-data-portal#14 opened by mruddalo

📌 Implement experiment detail interface

hubmap-data-portal#16 opened by mruddalo

📌 Python code to load/insert sample data

hubmap-data-portal#17 opened by mruddalo

development support

📌 Transfer uploaded files to main HuBMAP data store

provenance-metadata-services#21 opened by shirey

7 In Progress

📌 Basic multi-"page" functionality

hubmap-data-portal#21 opened by mruddalo

fundamental

📌 Integrate Globus SSO

hubmap-data-portal#3 opened by mruddalo

📌 Visualize data processing pipeline runs

hubmap-data-portal#7 opened by mruddalo

📌 Implement searching by gene, to show in which tissues a gene is expressed

hubmap-data-portal#6 opened by mruddalo

front page

📌 Show graph of how much data (cells/experiments/images/etc.) we have, by tissue

hubmap-data-portal#5 opened by mruddalo

enhancement front page

📌 Show male/female human anatomical

1 Review/QA

📌 Production deployment through Docker containers

hubmap-data-portal#12 opened by mruddalo

Last task completed yesterday

All tasks Filter Sort

| Backlog | To Do | In Progress | Done |
|---|--|---|--|
| <p>Satija Lab software tool application integration plan based on demo sent to HIVE / IEC</p> <p>RS</p> | <p>Automate IMS QA/QC report generation</p> | <p>Finalize IMS Instrumental Metadata output</p> <p>Dec 31</p> | <p>June 2020 Data release team structure confirmed / adjusted</p> <p>Sep 13</p> |
| <p>Data integration: visualization & interrogation tools for each microscopy technology output</p> | <p>Assay: DartFISH: v1 metadata definition & extraction</p> <p>Monday 4</p> | <p>CODEX: v1 metadata definition & extraction</p> <p>Monday 2</p> | <p>Refined Mass Spectrometry modality flow shared with team</p> <p>JS Aug 22</p> |
| <p>Data integration: CCF integration of landmark identification and sample annotation</p> | <p>Mass Spectrometry Workflow Documentation</p> <p>Feb 28, 2020</p> | <p>Finalize QC Report Structure</p> <p>Dec 31</p> | <p>UUID System for biospecimens deployed</p> <p>sh</p> |
| <p>CODEX: v1 QC metrics</p> | <pre> graph TD subgraph Inputs DI[Document Information] II[Image Information] MS[Microscope Settings] CS[Camera Settings] end DI --> CZI[CZI DATA] II --> CZI MS --> CZI CS --> CZI </pre> | <p>Finalize experimental protocols</p> <p>Oct 31 1</p> | <p>Diagram</p> |
| <p>CODEX: v1 automated report</p> | | | <p>Proteomics QC report</p> |

asana ☰

- Home
- My Tasks
- Inbox
- Portfolios
- rearrange
- ▼ **HIVE (all)** +
 - HA
 - HIVE (all) Parking Lot
 - IEC Milestones Y2
 - TC-CMU Milestones
 - TC-Harvard Milestones
 - MC-NYGC Milestones
 - Show more projects
- ▼ **HIVE IEC** +
 - HA
 - Year 2 Planning (List View)
 - Year 2 Planning Revisions (Li...
 - Y2: Other Component Milest...
 - HuBMAP Website
 - Show archived projects
- ▼ **Data Release Teams (all)** +
 - HA
 - Invite People
 - (not yet live) Data Releas...
 - Data Release Deliverables

IEC Milestones Y2 ☰ ro Join Search New Upgrade

Board Timeline Calendar Progress Forms More

Last task completed on Monday All tasks Filter Sort ...

| Parking Lot | June 2019 (included for context) | Y2Q1 (July '19 - Sept '19) | Y2Q2 (Oct '19 - Dec '19) |
|--|--|---|---|
| <p>CMU IRB</p> <p>Include maintenance and improvement activities to future year milestones</p> <p>Demo working spatial data UI with MCs</p> <p>Speed up deployment of UUID to earlier in the summer (priority - NIH happy to push back other milestones)</p> <p>Deliverable/Products</p> | <p>Deployment of Biospecimen UUID System</p> <p>Jun 20</p> | <p>Draft Communication Plan</p> <p>Sep 27</p> <p>Ingestion Portal V1 for TMCs</p> <p>Sep 27</p> <p>Infrastructure for Tools to Run Hardware, Software, Containers, etc</p> <p>Sep 30</p> <p>Implement Consortium-wide Ticketing System</p> <p>Sep 30</p> <p>Determine and Finalize Date for Consortium Outreach Event in 2020</p> | <p>Enhanced Infrastructure Deployment</p> <p>Dec 31</p> <p>Minimal Metadata Standards Implemented</p> <p>Dec 31</p> <p>Standard processing of data sets to different summary levels</p> <p>Dec 31</p> <p>Web Plug-in Framework</p> <p>Dec 31</p> <p>Metadata ingestion, basic data QC available</p> |

Collaboration

- What kinds of structure(s)/ procedures/processes do we need to work with folks outside of HuBMAP
- HCA, CZI, HPA, Lungmap, KPMP, etc...

Progress & challenges encountered

- What is going well—most exciting progress (highlighted in PPT presentations to whole consortia)
- Major/minor bottlenecks
- Other things to discuss?