HuBMAP Portal Team (as of September 2019)

What is NOT in the Portal Team Scope?

The scope does NOT include many necessary pieces to Data Release but depends upon success of:

Data Release Teams metadata and pipeline and Q/A choices

Data Production, Q/A

UUIDs, Provenance, Registration UI, Data Ingest

The scope includes "hooks" to integrate, in the UI, with other components:

Exploration UI, Launch of Visualizations of Data, Perhaps Launch of Analyses

What is the HuBMAP Portal Team Scope?

User Interface (UI) MAY include:

Amount, breadth, provenance and growth of data, Anatomic Diagrams of Available Tissues, Search (e.g. by gene), Faceted Search, Data Tables, Visualize Pipeline Results, Visualize Expression by Tissues, Preview/Viz Imaging Data

Application Programming Interfaces (APIs):

API Gateway, Provenance APIs, Query APIs, User Info API, Data Identity APIs, Download APIs, Metadata APIs, Data Retrieval APIs

Infrastructure (I):

Data, Provenance, and Metadata Stores, Workflow and Container

Who are HuBMAP Portal Team Members?

cborromeo	Nils Gehlenborg ngehlenborg
Jonathan C. Silverstein computationdoc	Philip Blood pdblood
Desheng Li etlds	pkant
Joel Welling jswelling	Bill Shirey shirey [Maintainer]
Chuck McCallum mccalluc	Sushma Anand Akoju sushma-ananda
Matt Ruffalo mruffalo [Maintainer]	Zhou (Joe) Yuan yuanzhou

How is the HuBMAP Portal Team Doing its Work?

Agile Software Development with Scrum:

Multi-institutional Scrum Daily

Sprint Review/Planning: Every Two Weeks

GitHub *data-portal* Project (private project for now)

Multiple Repositories

HuBMAP Consortium

📁 Repositories 22   📦 Packages   👤 People 46   👕 Teams 6   📋 Projects 2

🔒 data-portal
Updated 3 hours ago

🔍 Filter cards   ➕ Add cards   ⬜ Fullscreen   ☰ Menu

26 Backlog ➕ ···

Server-side rendering? Back to plain Django? ···
hubmap-data-portal#162 opened by mccalluc
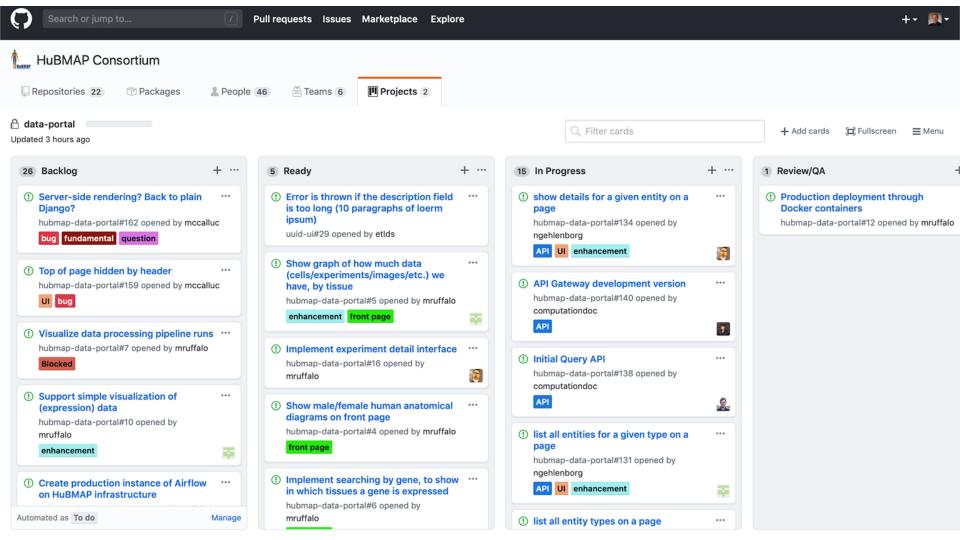`bug` `fundamental` `question`

Top of page hidden by header ···
hubmap-data-portal#159 opened by mccalluc
`UI` `bug`

Visualize data processing pipeline runs ···
hubmap-data-portal#7 opened by mruffalo
`Blocked`

Support simple visualization of (expression) data ···
hubmap-data-portal#10 opened by mruffalo
`enhancement`

Create production instance of Airflow on HuBMAP infrastructure ···

Automated as `To do`   Manage

5 Ready ➕ ···

Error is thrown if the description field is too long (10 paragraphs of loerm ipsum) ···
uuid-ui#29 opened by etlds

Show graph of how much data (cells/experiments/images/etc.) we have, by tissue ···
hubmap-data-portal#5 opened by mruffalo
`enhancement` `front page`

Implement experiment detail interface ···
hubmap-data-portal#16 opened by mruffalo

Show male/female human anatomical diagrams on front page ···
hubmap-data-portal#4 opened by mruffalo
`front page`

Implement searching by gene, to show in which tissues a gene is expressed ···
hubmap-data-portal#6 opened by mruffalo

15 In Progress ➕ ···

show details for a given entity on a page ···
hubmap-data-portal#134 opened by ngehlenborg
`API` `UI` `enhancement`

API Gateway development version ···
hubmap-data-portal#140 opened by computationdoc
`API`

Initial Query API ···
hubmap-data-portal#138 opened by computationdoc
`API`

list all entities for a given type on a page ···
hubmap-data-portal#131 opened by ngehlenborg
`API` `UI` `enhancement`

list all entity types on a page ···

1 Review/QA ➕

Production deployment through Docker containers ···
hubmap-data-portal#12 opened by mruffalo

Where can I see Data Release Deliverables? Asana

https://app.asana.com/0/1132791370113704/board

This board is NOT low-level management tool for individual workstreams

    not Portal Team's GitHub just shown, not the DRTs' individual Asana board

This board is high-level tool for HuBMAP Members (everyone)

    Status of other teams' deliverables your team may be dependent upon

    Product Owners (one from each workstream) expected to maintain/edit

    Peter Kant (IEC) project manages the Data Release Deliverables

asana

Home
My Tasks
Inbox
Portfolios

HIVE TC-Harvard

+ Create a Project

Working Groups

Data Science Working Group

Data Release Teams (...

Data Release Deliverables
Mass Spectrometry Data R...
Microscopy Data Release
Sequencing Data Release
TEST Data Release Deli...

Invite your team and start collaborating!

Data Release Deliverables

+ New ? Upgrade

Search

Last task completed yesterday

All tasks Filter Sort

Backlog

+

Pipeline C: Valid QA/QC Report
Port...

Pipeline C: Portal Integration
Port...

Pipeline C: Unit tests & containerization
Port...

Pipeline B: Valid QA/QC Report
Port...

Pipeline B: Unit Test and Containerization
Port...

To Do

+

Data storage
PB
Port...

Metadata storage
PB
Port...

Data download capability
PB
Port...

Automate IMS QA/QC report generation
JS
Mas...

Assay: DartFISH: v1 metadata definition & extraction
Yesterday

In Progress

+

Data Ingest Portal
sh
Port...

Provenance Tracking
sh
Port...

API Gateway
sh
Port...

Initial Query API
sh
Port...

Finalize IMS Instrumental Metadata output
JS Dec 31
Mas...

Done

+

June 2020 Data release team structure confirmed / adjusted
Sep 13 2

Refined Mass Spectrometry modality flow shared with team
JS Aug 22
Mas... 2

UUID System for biospecimens deployed
sh 1

Diagram

Mas...

Proteomics QC report

Mas...