

# 2019 - VIVO Sprints

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## 2019

The sprint schedule below has been approved by [VIVO Leadership Group](#). Please plan to participate!

- March 18-29
- June 17-28
- October 14- November 1
- December 2-13

### 2019-03

#### Objectives

1. Complete externalization of Solr and ElasticSearch
  - a. <https://github.com/vivo-project/VIVO/tree/sprint-search>
  - b. <https://github.com/vivo-project/Vitro/tree/sprint-search>
2. Build VIVO 1.10 Docker image
3. Build/Reuse Solr Docker image
4. Build/Reuse Elasticsearch Docker image
5. Build/Reuse MariaDB Docker image
6. Document deployment / installation instructions for Dockerized VIVO
  - a. Including local customizations (third-tier)
7. Document development process in the Docker context

### 2019-06

#### Objectives

1. Enable connection of decoupled, read-only "profiles" user interface to VIVO
  - a. Leverage "Product Evolution" efforts
2. Define "shapes" of VIVO entities
3. Dockerize appropriate components

#### Skills

1. Experience or interest in the Product Evolution effort
2. Experience or interest in UI / UX
3. Experience or interest in [DocumentModifier](#) or core VIVO functionality for populating external indexes

### 2019-09

#### Objectives

1. Create ingest workflow tooling
  - a. Use VIVO entity "shapes" defined in sprint-2019-06
  - b. Include validation of ingested entities
  - c. Allow for ingest of JSON entities (tooling to map JSON to RDF)
  - d. Include optional curation step (disambiguation, reconciliation of entities)

#### Skills

1. Experience or interest in SHACL / ShEx (RDF validation)
2. JSON-Schema (mapping well-formed JSON into RDF)

### 3. Ingest / Curation workflows

2019-12

#### **Objectives**

1. *Based on results of first three sprints*