# VIVO Roadmap Survey

**For the end user features below, please check 0-5 features that you feel should be a priority for the next release of VIVO. Please check any number of features that you would volunteer to work on.**

| End User Features | All | Leadership | Steering | |
|---|---|---|---|---|
| Improve the interface, particularly regarding person profiles – more attractive, more focused on scholarship | 11 | 7 | 3 | ✔ |
| Provide biosketch and CV output. Extensible standard formats such as NIH, NSF, CVN, Acumen, CASRAI | 15 | 7 | 2 | ✔ |
| Ensure that VIVO profiles appear on screen in under 2 seconds | 16 | 4 | 3 | |
| Improve the interface for non-profile items – fewer lists, more visualization, more data summary, drill down | 7 | 1 | 1 | |
| Provide one button bi-directional profile update with other VIVO systems. That is, if a profile exists in two VIVO syster | 8 | 1 | 0 | |
| Provide one button bi-directional profile update with ORCID | 11 | 5 | 2 | ✔ |
| Provide one button bi-directional profile update with Fedora | 2 | 0 | 1 | |
| Provide one button bi-directional profile update with SciENCV | 4 | 2 | 1 | |
| Provide one button upload/download of a person's works to/from BibTex | 1 | 0 | 0 | |
| Provide one button upload/download of a person's works to/from EndNote | 4 | 2 | 1 | |
| Provide one button load of meta data from Figshare | 1 | 0 | 1 | |
| Improve the manual editing interfaces – drag and drop a presentation to a profile, a PDF to profile, a photo to profile, | 5 | 2 | 2 | |
| Support personal annotation of anything in VIVO | 2 | 1 | 1 | |
| Support grouping of anything in VIVO – define a group, add/sub from group, show group, email group. | 1 | 1 | 0 | |
| Provide mobile interface – VIVO should have optimized presentation on phone and tablet | 10 | 5 | 1 | |
| Provide the Duke embeddable widgets for non VIVO websites, bring VIVO content to other university sites | 7 | 4 | 4 | |
| Support social network analysis – exports to SNA tools, simple SNA visualizations and metrics | 2 | 1 | 1 | |
| Support for research impact analysis. Ontology extensions, and outputs for gathering and using research impact data | 5 | 2 | 2 | |
| Repair/replace/augment all visualizations – put anything with a location on a map. Put anything with dates on a timeli | 15 | 5 | 4 | ✔ |
| Reporting improvements – provide a suite of 50-100 queries which are presented as finished reports in CSV and PDF | 11 | 4 | 3 | |
| Provide cross site search capability | 15 | 7 | 3 | ✔ |
| Provide a VIVO Searchlight application | 4 | 1 | 1 | |
| Provide expert finding capability, including "people like me" | 10 | 5 | 2 | |
| Provide alt metrics for scholarly works in VIVO | 3 | 0 | 1 | |
| Provide single sign on using a user's ORCID and their ORCID password. Provides opportunity to host profiles for end | 3 | 2 | 1 | |

# VIVO Roadmap Survey

**For the stewardship features below, please check 0-5 features that you feel should be a priority for the next release of VIVO. Please check any number of features that you would volunteer to work on.**

| Stewardship Features | All | Leadership | Steering | |
|---|---|---|---|---|
| Simplify theming. Provide a simple theming option – logos, color, welcome text. Provide a full theming option – CSS c | 11 | 5 | 1 | |
| Include ingest from DOI. From a spreadsheet and manually. | 8 | 4 | 0 | |
| Include ingest from PubMed. Given one or more PubMed IDs, add publication data including abstract, MeSH terms a | 7 | 5 | 2 | ✔ |
| Include ingest from ISBN. Given an ISBN, or a list of ISBN, use a standard data source to get attributes of the book in | 4 | 2 | 0 | |
| Ingest from NIH Reporter | 4 | 2 | 0 | |
| Ingest from USPTO | 3 | 0 | 0 | |
| Ingest from grants.gov included | 3 | 2 | 0 | |
| Ingest from clinicaltrials.gov included | 2 | 1 | 0 | |
| Enforce data integrity from ontology (cardinality, domain and range). Prevent data from entering VIVO that is contradi | 4 | 2 | 2 | |
| Provide a collection of open social plug-ins that can be augmented locally, and selected by end users at run time | 3 | 3 | 0 | |
| Provide Karma scripts for ingest with guide and training for local implementation and customization | 5 | 1 | 0 | |
| Use standard URIs, such as those from registry services, when possible, for shared entities rather than creating redu | 12 | 5 | 3 | ✔ |
| Provide data analyst interfaces for SAS, SPSS and R. Include batch processes for exporting large amounts of data in | 2 | 1 | 0 | |
| Provide standard input data sets for journals, universities, publishers, cities, dates. Possibly from WikiData. Provide a | 8 | 3 | 2 | |
| Provide dot releases of software that do not require an upgrade | 4 | 1 | 0 | |
| Provide dot releases of the ontology that do not require an upgrade | 2 | 1 | 0 | |
| Load ontology from files that are automatically generated from VIVO-ISF, replacing the manually generated files that | 0 | 0 | 0 | |
| Support technical assessment of VIVO through one button install, sample data, sample outputs, and guided tour | 9 | 4 | 2 | ✔ |
| Allow better configuration of the user interface based upon annotations on the ontology | 6 | 2 | 1 | |
| Add common local extensions into VIVO-ISF, reducing need for local extensions | 3 | 2 | 0 | |
| Provide easier mechanism for both central and local extensions of the ontology, and easy import of modules relevant | 5 | 2 | 2 | |
| Provide latitude and longitude in ontology | 2 | 0 | 0 | |
| Provide attribution ontology for indicating the role an individual played in the development of a scholarly work | 4 | 2 | 1 | |
| Provide data citation capability | 3 | 0 | 0 | |
| Provide software citation capability | 1 | 0 | 0 | |
| Provide ontology extensions for support of humanities scholarship | 6 | 4 | 1 | |
| Provide ontology extensions for support of provenance (data lineage) | 3 | 2 | 0 | |
| Provide a store (catalog) of selectable third party web apps for inclusion in the interface | 5 | 3 | 2 | |
| Support third party triple stores | 12 | 4 | 1 | |
| Provide an ingest from SHARE Notify Harvester, populating VIVO with elements from SHARE. Some sites might popu | 3 | 3 | 0 | |

# VIVO Roadmap Survey

**For the technical features below, please check 0-5 features that you feel should be a priority for the next release of VIVO. Please check any number of features that you would volunteer to work on.**

| Technical Features | All | Leadership | Steering | |
|---|---|---|---|---|
| Move to Maven | 3 | 1 | 1 | |
| Reorganize repos so that everything needed to develop and run VIVO is available from a single repo | 2 | 1 | 0 | |
| Provide software from GitHub | 11 | 9 | 2 | ✔ |
| Provide one button repo to IDE capability | 1 | 0 | 0 | |
| Move to continuous integration | 6 | 3 | 1 | |
| Move to Assembla | 0 | 0 | 0 | |
| Move to Github issues | 4 | 3 | 1 | |
| Include VIVO Vagrant with distribution | 2 | 0 | 0 | |
| Continue modularization work | 11 | 5 | 3 | ✔ |
| Continue separation of interface (view/controller) from model. Use API to put/get data from the VIVO backend. | 11 | 4 | 0 | |
| Application plug-in capability – provide a simple mechanism for a web app to appear in VIVO. | 4 | 2 | 1 | |
| Improve ontology extract and load | 3 | 2 | 2 | |
| Integrate ontology and software development into a single open source process | 8 | 2 | 2 | |
| Adopt a standard Javascript framework for developing future interfaces. New end user and steward features to be bui | 4 | 1 | 0 | |
| Eliminate distinction between ontologies loaded at start-up and ontologies loaded at run-time. Support only run-time | 0 | 0 | 0 | |
| Restructure code to use more information from the ontologies and store less business logic in the code | 7 | 3 | 3 | ✔ |
| Provide a standard set of APIs that simplify and standardize the use of VIVO data in other applications | 18 | 9 | 2 | ✔ |
| Provide a means for an API developer to register a new API | 6 | 3 | 0 | |
| Provide a means for a web app developer to register a new web app | 0 | 0 | 0 | |
| Remove features from the application that do not work – visualizations, CSV ingest, others. | 13 | 4 | 0 | |
| Rewrite the custom editing forms to improve functionality and modularity | 3 | 1 | 1 | |
| Provide a binary release for developers | 4 | 0 | 1 | |
| Provide Docker as part of the standard distribution | 2 | 1 | 0 | |
| Provide coding standards and code training | 4 | 3 | 0 | |