

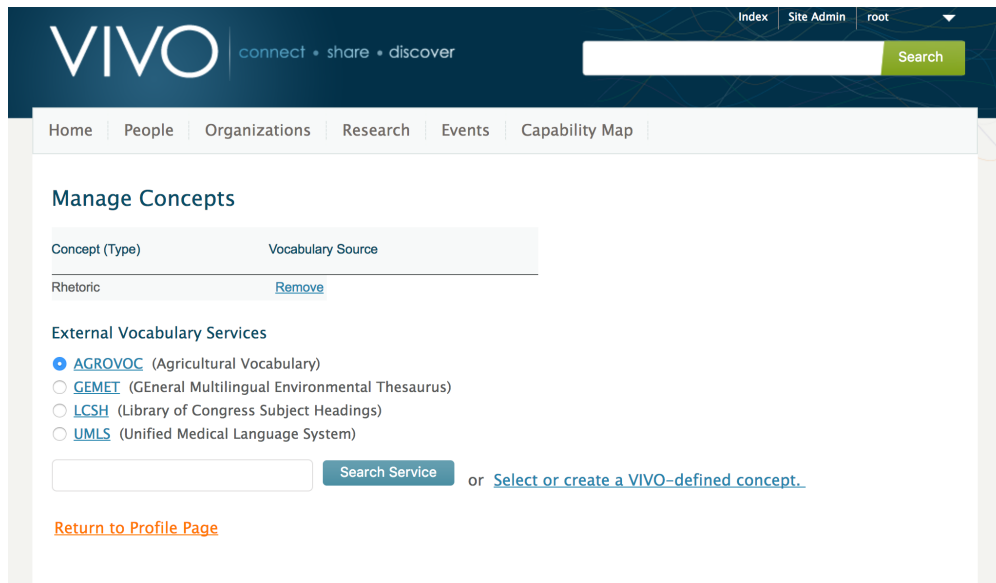
Linking to External Vocabularies

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Overview

VIVO provides the ability to use external vocabularies to represent the research areas of scholars, and the concepts pertaining to scholarly works. External vocabularies that provide RDF can be used with VIVO. Using an external service, a curator, or page owner may query the external vocabulary for terms, and select terms representing the work or scholar. The terms are fetched from the external service and added to the VIVO triple store. Links from the work or person are added to connect the person or work to the selected term or terms.

See below



VIVO connect • share • discover

Index Site Admin root

Search

Home People Organizations Research Events Capability Map

Manage Concepts

Concept (Type)	Vocabulary Source
Rhetoric	Remove

External Vocabulary Services

☒ [AGROVOC](#) (Agricultural Vocabulary)

☐ [GEMET](#) (GEneral Multilingual Environmental Thesaurus)

☐ [LCSH](#) (Library of Congress Subject Headings)

☐ [UMLS](#) (Unified Medical Language System)

[Search Service](#) or [Select or create a VIVO-defined concept.](#)

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VIVO RDF statements referencing external concepts

When external concepts are added to VIVO, they retain their original URI from the external vocabulary. Since we have no way of knowing whether these URIs represent OWL classes or RDF instance data, VIVO does not assert a type for the concepts, which will therefore only be interpreted as being of type owl:Thing.

subject	predicate	object
http://vivo.cornell.edu/individual/individual22972	http://vivoweb.org/ontology/core#hasResearchArea	http://link.informatics.stonybrook.edu/umls/CUI/C1518584
http://link.informatics.stonybrook.edu/umls/CUI/C1518584	rdfs:label	ontology
http://vivo.cornell.edu/individual/individual22972	http://vivoweb.org/ontology/core#hasResearchArea	http://link.informatics.stonybrook.edu/umls/CUI/C0036612
http://link.informatics.stonybrook.edu/umls/CUI/C0036612	rdfs:label	semantic
http://vivo.cornell.edu/individual/individual22972	http://vivoweb.org/ontology/core#hasResearchArea	http://www.eionet.europa.eu/gemet/concept/3645
http://www.eionet.europa.eu/gemet/concept/3645	rdfs:label	geographic information system
http://vivo.cornell.edu/individual/individual22972	http://vivoweb.org/ontology/core#hasResearchArea	http://link.informatics.stonybrook.edu/umls/CUI/C0599807
http://link.informatics.stonybrook.edu/umls/CUI/C0599807	rdfs:label	informatics

http://vivo.cornell.edu/individual/individual22972	http://vivoweb.org/ontology/core#hasResearchArea	http://link.informatics.stonybrook.edu/umls/CUI/C0872261
http://link.informatics.stonybrook.edu/umls/CUI/C0872261	<code>rdfs:label</code>	repositor

Adding a new external vocabulary service to VIVO

External vocabulary services are defined in the graph <http://vitro.mannlib.cornell.edu/filegraph/abox/vocabularySource.n3>. You can explore the contents of this graph by navigating to System Admin / Ingest tools / Manage Jena models. Find vocabularySource.n3 in the list of models. Click Output Model. You will get a file containing the assertions made to define external vocabulary services in your VIVO.