

Controlled vocabularies

As described in the design, controlled vocabularies are required to govern the valid values that may be provided for some of the data fields in implementations of ArMet. These data fields have a complex type that requires a value,authority pair where the authority identifies the ontology/controlled vocabulary from which the value was taken. These authorities may range from publicly available recognised ontologies (e.g.www.plantontology.org) to the local list of terms for a laboratory. Ongoing work to implement a database that conforms to, and provides sub-components for, the ArMet core for recording metabolomics experiments involving *Arabidopsis thaliana* and *Solanum tuberosum* has, to date, involved the definition of local vocabularies to control input to development stage, tissue type, type of lighting, container type and growth medium fields. These vocabularies are provided here as examples.

- Controlled Vocabulary Examples [PDF](#),[Microsoft® Word](#)