

Glossary Terms for BD12

Annotation - An annotation is metadata (e.g. a comment, explanation, presentational markup) attached to text, image, or other data. Often annotations refer to a specific part of the original data.

Ref: <http://en.wikipedia.org/wiki/Annotation>

Biocurator - Biocurators manage and organize data pertaining to bioscience research from the literature, Web and other primary sources to make it more accessible to the community.

Ref:

- Hirschman J, Berardini TZ, Drabkin HJ, et al . *A MOD(ern) perspective on literature curation. Mol. Genet. Genomics* 2010;283:415-425.
- Howe D, Costanzo M, Fey P, et al . *Big data: the future of biocuration. Nature* 2008;455:47-50.

Controlled vocabulary - is an organized arrangement of words and phrases used to index content and/or to retrieve content through browsing or searching. It typically includes preferred and variant terms and has a defined scope or describes a specific domain.

Ref:

http://www.getty.edu/research/publications/electronic_publications/intro_controlled_vocab/what.pdf

Database - a collection of data organized especially for rapid search and retrieval (as by a computer)

Ref: <http://www.merriam-webster.com/dictionary/database>

Ontology - are a formal conceptualization of a specified domain of interest.

Ref: <http://www-ksl.stanford.edu/kst/what-is-an-ontology.html>

Subject Heading - are a type of controlled vocabulary that contains a hierarchy of terms, used for classifying data.

Ref: <http://home.olemiss.edu/~tharry/SH/lcshguide.pdf>