

## The ontology of bioinformatics operations, types of data, topics, and data formats

□ Data

Matúš Kalaš<sup>1</sup>, Hervé Ménager<sup>2</sup>, Veit Schwämmle<sup>3</sup>, Jon Ison<sup>4</sup>, and EDAM contributors

http://edamontology.org

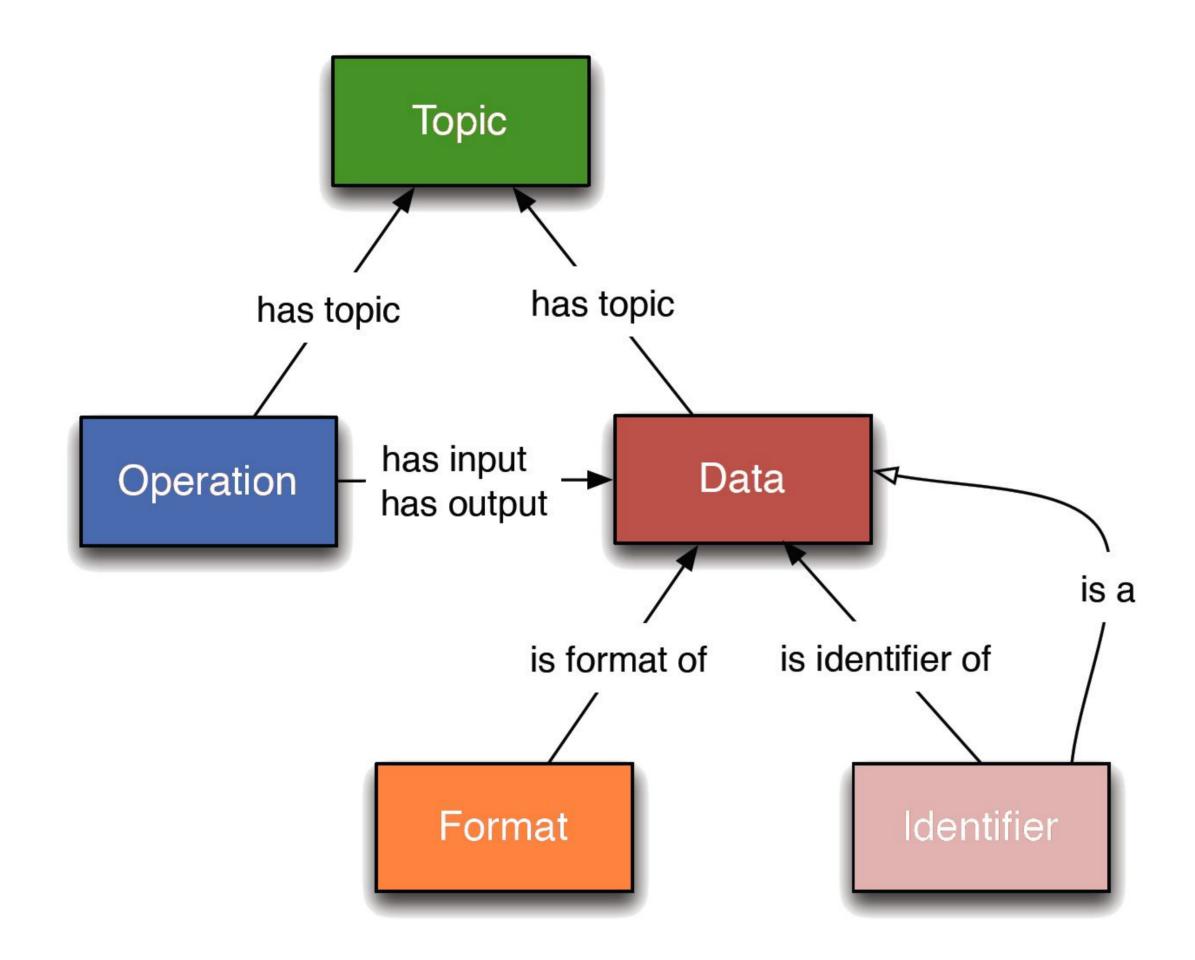


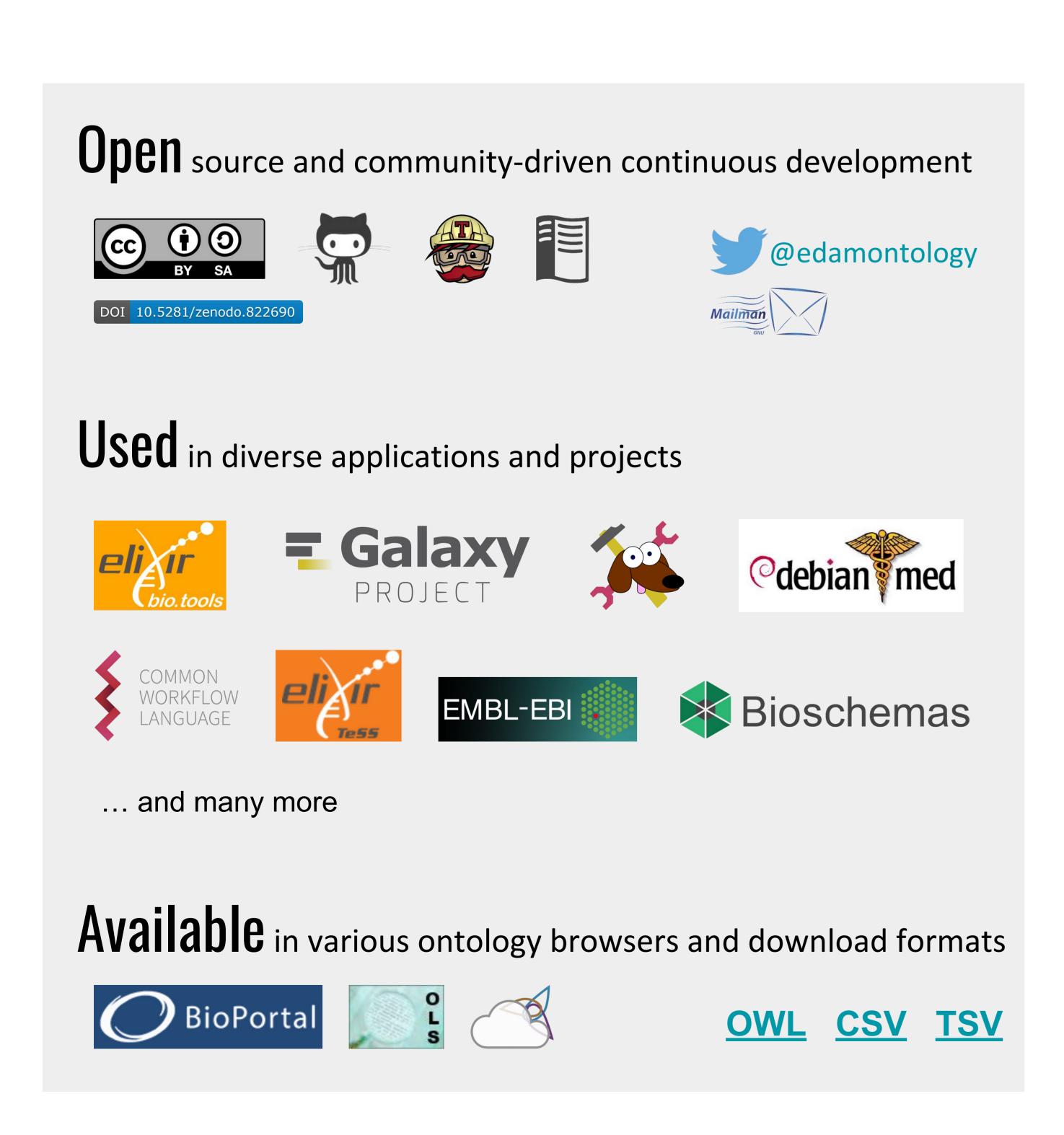


EDAM is an ontology of well-established, familiar concepts that are prevalent within bioinformatics, and life science data analysis in general. The scope of EDAM includes types of data (including identifiers), data formats, operations, and topics. EDAM has a relatively simple architecture, and comprises a set of concepts with terms, synonyms, definitions, relations, links, and some additional information (especially for formats).

## Architecture

All logoi are clickable, with links





## Overview











**★** XML



Veit Schwämmle<sup>3</sup>

Jon Ison<sup>4</sup>









<sup>&</sup>lt;sup>1</sup> Computational Biology Unit, Department of Informatics, University of Bergen, Norway

<sup>&</sup>lt;sup>2</sup> Bioinformatics and Biostatistics Hub - C3BI, USR 3756 IP CNRS - Institut Pasteur, Paris, France

<sup>&</sup>lt;sup>3</sup> University of Southern Denmark , Ødense, Denmark

<sup>&</sup>lt;sup>4</sup> IT Service, Technical University of Denmark, Kongens Lyngby, Denmark