

# EDAM Browser: visualization of EDAM and annotated bioinformatics resources

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An interactive poster is available at <https://edamontology.org>

## What is EDAM Browser?

EDAM Browser is a **javascript**-based ontology browser that provides an interface to navigate **EDAM**. It is tailored to the needs of EDAM users who need to explore the ontology and its usage in various resources, or suggest updates.

The screenshot shows the EDAM Browser interface with several callouts highlighting key features:

- Load other versions & custom ontologies:** Takes OWL file as an input and outputs the tree with the custom version loaded. Dynamically processed with edam2json-js javascript library (brand new!).
- Search box:** Located at the top right of the details panel.
- Concept properties:** A green box pointing to the 'Phylogenetic inference' details panel.
- Non-hierarchical relations to other concepts:** A green box pointing to the 'Parents' section in the details panel, which lists 'Generation' and 'Phylogenetic analysis'.
- Navigation history:** A green box pointing to the 'Previously seen:' section at the bottom of the details panel.
- Suggest modifications:** A red box pointing to the 'Suggest modifications' button at the bottom right.
- Multiple paths to the same concept are highlighted:** A green box pointing to the network graph on the left.
- Resources usage statistics and links:** A green box pointing to the 'Community usage' section in the details panel, which shows 'bio.tools' usage (108 times / 432) and 'Biosphere' status (not used).

## Simple and direct contribution mechanism to EDAM

Users can easily propose updates/corrections to a concept, thanks to a form which helps gathering suggestions. These suggestions are automatically formatted as GitHub issues ready to be submitted by the user.

## Open source and community-driven

EDAM Browser is available at <https://edamontology.github.io/edam-browser>

Contributions are welcome! Join the chat on [Gitter](#)

### Propose a change in "topic" of EDAM ontology

Form for proposing a change in the topic of an EDAM ontology concept:

- Label:** Genotype and phenotype
- Definition:** The study of genetic constitution of a living entity, such as an individual, and organism, a cell and so on, typically with respect to a particular observable
- Parent:** Genetics
- Exact synonyms:** Genotype and phenotype resources; Genotype-phenotype; Genotype-phenotype analysis
- Narrow synonyms:** Genotype; Genotyping; Phenotype; Phenotyping
- Issue comments:** (Empty text area)

Buttons: Continue to GitHub

Creates an issue in the EDAM ontology

**edam-browser**  
Stand alone js browser for EDAM Ontology

bioinformatics | ontology | edam-ontology | visualization-javascript-widget

JavaScript | MIT | 23 | 10 | 22 (3 issues need help) | 2 | Updated yesterday

**edam2json-js**  
Javascript library to convert EDAM to JSON/JSON-LD

JavaScript | MIT | 2 | 2 | 1 | 0 | Updated 23 hours ago

edamontology / edamontology

Code | Issues 153 | Pull requests 42 | Discussions | Actions | Projects | Wiki

[Edam Browser User] Change proposition for [http://edamontology.org/topic\\_0625](http://edamontology.org/topic_0625)

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